



Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

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

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

**Monday, April 24, 2023
Regular Meeting - 4:00 P.M.**

Karen W. Murphy
Attorney

**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 April 10, 2023. |
| Information | 5. March 2023 Monthly Operations Report <i>(to be reviewed by the Budget & Finance and Legal/Community Affairs Committees)</i> . |
| | 6. Written Communications. |
| | 7. 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 | 8. Authorize the General Manager to Execute Amendment No. 2 to Task Order No. 2 with Jacobs Engineering Group Inc. for the Pump Stations Chemical System Improvements Project <i>(to be reviewed by the Engineering and Information Technology Committee)</i> . |
| Motion | 9. Award Hauling & Disposal of Sewer Debris Contract to Compactor Management Company <i>(to be reviewed by the Budget & Finance Committee)</i> . |
| Motion | 10. Authorize the General Manager to Execute a Memorandum of Agreement to Participate in the Regional Purified Water Pilot Project Phase 2 – Public Outreach and Grant Funding Opportunities <i>(to be reviewed by the Legal/Community Affairs Committee)</i> . |
| Direction | 11. Provide Direction Regarding District Website and Email Addresses. |
| Information | 12. CAL-Card 3 rd Quarter Fiscal Year 2023 Activity Report <i>(to be reviewed by the Budget & Finance Committee)</i> . |

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| Information | 13. | Board Expenses for 3 rd Quarter of Fiscal Year 2023 <i>(to be reviewed by the Budget & Finance Committee)</i> . |
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| Information | 14. | COVID-19 Update. |
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| Information | 15. | Check Register. |
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| Information | 16. | Committee Meeting Reports. <i>(No Board action is taken at Committee meetings):</i> <ol style="list-style-type: none">a. Budget & Finance Committee – Thursday, April 20, 2023, at 10:30 a.m.<ul style="list-style-type: none">• Director Fernandez and Director Toyb. Engineering and Information Technology Committee – Thursday, April 20, 2023, at 11:30 a.m.<ul style="list-style-type: none">• Director Handley and Director Lathic. Legal/Community Affairs Committee – Friday, April 21, 2023, at 10:30 a.m.<ul style="list-style-type: none">• Director Kite and Director Lathid. Investment & Portfolio Committee – will not meet.e. Legislative Committee – will not meet.f. Personnel Committee – will not meet. |
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| Information | 17. | General Manager’s Report. <i>(Information on recent issues of interest to the Board)</i> . |
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| | 18. | Other Business: <ol style="list-style-type: none">a. Comments and questions. <i>Directors can share information relating to District business and are welcome to request information from staff.</i>b. Scheduling matters for future consideration. |
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| | 19. | Adjournment – The Board will adjourn to the Board Budget Workshop to be held in the Boardroom on Thursday, April 27, 2023, at 4:00 p.m. |
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- | | | |
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| | 20. | Adjournment – The Board will then adjourn to the next Regular Board Meeting to be held in the Boardroom on Monday, May 8, 2023, at 4:00 p.m. |
|--|-----|--|
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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.



USD TREAT
PROTECT
PRESERVE
est.1918
TRI-CITY WASTEWATER

REVISED

Directors

Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

Officers

Paul R. Eldredge
*General Manager/
District Engineer*

Karen W. Murphy
Attorney

BUDGET & FINANCE COMMITTEE MEETING

Committee Members: Director Fernandez and Director Toy

AGENDA

~~Wednesday, April 19, 2023~~ **Thursday, April 20, 2023**
~~12:30 P.M.~~ **10:30 A.M.**

**Alvarado Conference Room
5072 Benson Road
Union City, CA 94587**

1. Call to Order

2. Roll Call

3. 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 and are requested to be completed prior to the start of the meeting.

4. Items to be reviewed for the Regular Board meeting of April 24, 2023:

- March 2023 Monthly Operations Report – Financial Reports
 - Award Hauling & Disposal of Sewer Debris Contract to Compactor Management Company
 - CAL-Card 3rd Quarter Fiscal Year 2023 Activity Report
 - Board Expenses for 3rd Quarter of Fiscal Year 2023
-

5. Adjournment

Items reviewed at committee meetings will be included in the agenda packet for the upcoming Board meeting. No action will be taken at committee meetings.

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Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

**ENGINEERING AND INFORMATION TECHNOLOGY
COMMITTEE MEETING**
Committee Members: Director Handley and Director Lathi

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

AGENDA
Thursday, April 20, 2023
11:30 A.M.

Karen W. Murphy
Attorney

Alvarado Conference Room
5072 Benson Road
Union City, CA 94587

**THIS MEETING WILL BE TELECONFERENCED WITH DIRECTOR LATHI FROM THE GUEST PARKING
AREA LOCATED ON OCASO CAMINO, WEST OF AND CLOSEST TO THE INTERSECTION OF
PASEO PADRE PARKWAY IN FREMONT, CALIFORNIA.**

1. Call to Order

2. Roll Call

3. 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 and are requested to be completed prior to the start of the meeting.
 - Alvarado Conference Room
 - Teleconference Location

4. Items to be reviewed for the Regular Board meeting of April 24, 2023:
 - Authorize the General Manager to Execute Amendment No. 2 to Task Order No. 2 with Jacobs Engineering Group Inc. for the Pump Stations Chemical System Improvements Project

5. Adjournment

Items reviewed at committee meetings will be included in the agenda packet for the upcoming Board meeting. No action will be taken at committee meetings.

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.

REVISED



Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

LEGAL/COMMUNITY AFFAIRS COMMITTEE MEETING

Committee Members: Director Kite and Director Lathi

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

AGENDA

Friday, April 21, 2023

10:30 A.M.

Karen W. Murphy
Attorney

Alvarado Conference Room

5072 Benson Road

Union City, CA 94587

THIS MEETING WILL BE TELECONFERENCED WITH DIRECTOR LATHI FROM THE GUEST PARKING AREA LOCATED ON OCASO CAMINO, WEST OF AND CLOSEST TO THE INTERSECTION OF PASEO PADRE PARKWAY IN FREMONT, CALIFORNIA.

1. Call to Order

2. Roll Call

3. 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 and are requested to be completed prior to the start of the meeting.

- [Alvarado Conference Room](#)
 - [Teleconference Location](#)
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4. Items to be reviewed for the Regular Board meeting of April 24, 2023:

- March 2023 Monthly Operations Report – Odor and Work Group Reports
 - Authorize the General Manager to Execute a Memorandum of Agreement to Participate in the Regional Purified Water Pilot Project Phase 2 – Public Outreach and Grant Funding Opportunities
-

5. Adjournment

Items reviewed at committee meetings will be included in the agenda packet for the upcoming Board meeting. No action will be taken at committee meetings.

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
April 10, 2023**

CALL TO ORDER

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

SALUTE TO THE FLAG

President Lathi led the salute to the flag.

ROLL CALL

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

STAFF: Paul Eldredge, General Manager/District Engineer
Karen Murphy, District Counsel
Mark Carlson, Business Services Manager/CFO
Armando Lopez, Treatment and Disposal Services Manager
Jose Rodrigues, Collection Services Manager
Raymond Chau, Technical Services Manager
Ric Pipkin, Enhanced Treatment and Site Upgrade Program Manager
Chris Pachmayer, Fabrication, Maintenance, and Construction Coach
Alisa Gordon, Human Resources Manager
Michael Dunning, Environmental Compliance Coach
Trieu Nguyen, IT Administrator
Michell Powell, Communications and Intergovernmental Relations Coordinator
Tyler Mello, Collection System Worker
Alicia Dutrow, Environmental Outreach Representative
Kelly Pean, Assistant Storekeeper
Rebecca Ingalls, Administrative Specialist
Stanley Tarnowski, Collection System Worker
Bobby Brotarlo, Accounting and Financial Analyst
Oscar Fajardo, Junior Engineer
Regina McEvoy, Executive Assistant to the General Manager/Board Clerk

**APPROVE MINUTES OF THE UNION SANITARY DISTRICT BOARD MEETING OF
MARCH 27, 2023**

It was moved by Secretary Toy, seconded by Vice President Fernandez, to Approve the Minutes of the Board Meeting of March 27, 2023. Motion carried unanimously.

APPROVE MINUTES OF THE UNION SANITARY DISTRICT SPECIAL BOARD MEETING OF APRIL 3, 2023

It was moved by Secretary Toy, seconded by Director Handley, to Approve the Minutes of the Special Board Meeting of April 3, 2023. Motion carried unanimously.

WRITTEN COMMUNICATIONS

There were no written communications.

PUBLIC COMMENT

There was no public comment.

AUTHORIZE THE GENERAL MANAGER TO EXECUTE AN AGREEMENT AND TASK ORDER NO. 1 WITH PSOMAS FOR THE PLANT MISCELLANEOUS IMPROVEMENTS PROJECT

This item was reviewed by the Engineering and Information Technology Committee. Technical Services Manager Chau stated the Board awarded the construction contract for the Project to W.M. Lyles on March 13, 2023. The purpose of Task Order No. 1 will be to authorize Psomas to provide construction management and inspection services during construction. The scope of services and fee for Task Order No. 1 were outlined in the Board meeting packet. Staff expects to issue the Notice to Proceed to W.M. Lyles in April 2023 and anticipates construction to be completed by September 2024. Staff recommended the Board authorize the General Manager to execute an Agreement and Task Order No. 1 with Psomas in the amount of \$543,533 to provide construction management and inspection services for the Plant Miscellaneous Improvements Project.

It was moved by Director Handley, seconded by Vice President Fernandez, to Authorize the General Manger to Execute an Agreement and Task Order No.1 with Psomas in the Amount of \$543,533 to Provide Construction Management and Inspection Services for the Plant Miscellaneous Project. Motion carried unanimously.

AUTHORIZE THE GENERAL MANAGER TO EXECUTE TASK ORDER NO. 2 WITH CAROLLO ENGINEERS, INC. FOR THE PLANT MISCELLANEOUS IMPROVEMENTS PROJECT

This item was reviewed by the Engineering and Information Technology Committee. Technical Services Manager Chau stated the Board awarded the construction contract for the Project to W.M. Lyles on March 13, 2023. The purpose of Task Order No. 2 will be to authorize Carollo to provide engineering services during construction as outlined in the Board meeting packet. Staff expect to issue the Notice to Proceed to W.M. Lyles Co. in April 2023 and anticipates construction to be completed by September 2024. Staff recommended the Board authorize the General Manager to execute Task Order No. 2 with Carollo Engineers, Inc. in the amount of \$267,899 to provide engineering services during construction for the Plant Miscellaneous Improvement Project.

It was moved by Vice President Fernandez, seconded by Director Handley, to Authorize the General Manager to Execute Task Order No. 2 with Carollo Engineers, Inc. in the

Amount of \$267,899 to Provide Engineering Services During Construction of the Plant Miscellaneous Improvements Project. Motion carried unanimously.

DISCUSS AND PROVIDE DIRECTION ON UPDATED FATS, OILS, AND GREASE (FOG) HOLIDAY ADVERTISEMENT

Communications and Intergovernmental Relations Coordinator Powell stated the Board approved creation of a Fats, Oils, and Grease (FOG) Holiday Advertisement ad hoc at its October 24, 2022, Board meeting. The goal of the ad hoc was to refresh advertising for the 2023 Holiday season; the Ad Hoc Committee held its first meeting March 9, 2023. Since then, a question was raised as to whether it would be advantageous to reconsider the extent of Board input into development of updated FOG advertising. Staff recommended the Board discuss an updated Fats, Oils, and Grease (FOG) Holiday Advertisement and provide direction to staff.

The Board directed staff to discontinue the ad hoc and present future FOG holiday advertisement drafts at Board Workshops.

RECEIVE POTENTIAL CONTENT TOPICS FOR THE DISTRICT'S FALL 2023 NEWSLETTER

This item was reviewed by the Legal/Community Affairs Committee. Communications and Intergovernmental Relations Coordinator Powell presented potential topics for the District's Fall 2023 newsletter and responded to Board questions. Staff recommended the Board discuss and provide feedback regarding potential newsletter content topics for the Fall 2023 newsletter.

The Board expressed interest in a link or QR code within the newsletter to track customer engagement. The Board provided comments regarding potential topics for the District's Fall 2023 newsletter and directed staff to prepare a draft newsletter for Board review.

INFORMATION ITEMS:

Earth Day 2023

This item was reviewed by the Legal/Community Affairs Committee. Environmental Compliance Coach Dunning stated the District's Environmental Compliance team will participate in the Earth Day event hosted by the City of Fremont and Washington Hospital from 11:00 a.m. to 3:00 p.m. on Saturday, April 22, 2023. The District will advertise the event in the Tri-City Voice and Argus newspapers.

COVID-19 Update

General Manager Eldredge provided an update regarding COVID-19 impacts on District operations and coordination efforts.

Report on the East Bay Dischargers Authority Meeting of March 17, 2023

President Lathi provided an overview of the EBDA meeting summary included in the Board meeting packet.

Check Register

Staff responded to Boardmember questions regarding the check register.

COMMITTEE MEETING REPORTS:

The Engineering and Information Technology and Legal/Community Affairs Committees met.

GENERAL MANAGER'S REPORT:

- The Alameda County chapter of the California Special Districts Association (CSDA) recently invited District staff to meet with California Air Resources Board (CARB) member Bill Quirk. Board Member Quirk was receptive to staff's concerns regarding proposed electric fleet vehicle requirements that would impact District operations.
- The Enhanced Treatment and Site Upgrade (ETSU) Campus beam topping ceremony will be held Wednesday, April 19, 2023, at 2:00 p.m.
- The District's Spring BBQ will be held Wednesday, April 12, 2023, at 12:00 p.m.
- The Board was invited to tour the ETSU Campus construction site after the Board meeting.

OTHER BUSINESS:

There was no other business.

ADJOURNMENT:

The meeting was adjourned at 4:49 p.m. to the next Regular Board Meeting to be held in the Boardroom on Monday, April 24, 2023, at 4:00 p.m.

SUBMITTED:

ATTEST:

REGINA McEVOY
BOARD CLERK

JENNIFER TOY
SECRETARY

APPROVED:

ANJALI LATHI
PRESIDENT

Adopted this 24th day of April 2023



Union Sanitary District

Monthly Operations Report
March 2023



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2023 MONTHLY OPERATIONS REPORT

The October 2023 Monthly Operations Reports highlights the District's performance in the following areas:

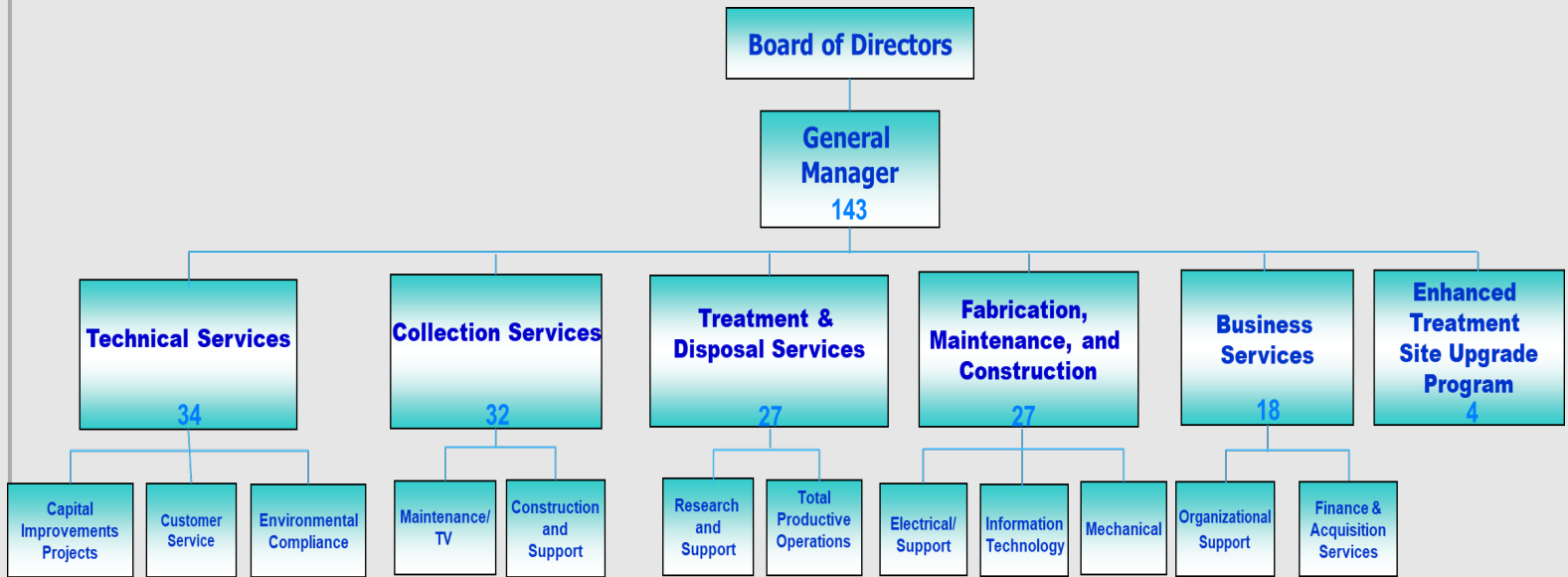
- **Organizational Overview**
- **Financial Reports**
 - Budget and Finance Report
 - Investment Portfolio
 - Portfolio Holdings by Asset Class and by Maturity Range
- **Customer Relations**
 - Odor Investigations and Response
 - Service Request and Response
 - Communication and Outreach
- **Plant Operations**
- **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

2023 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

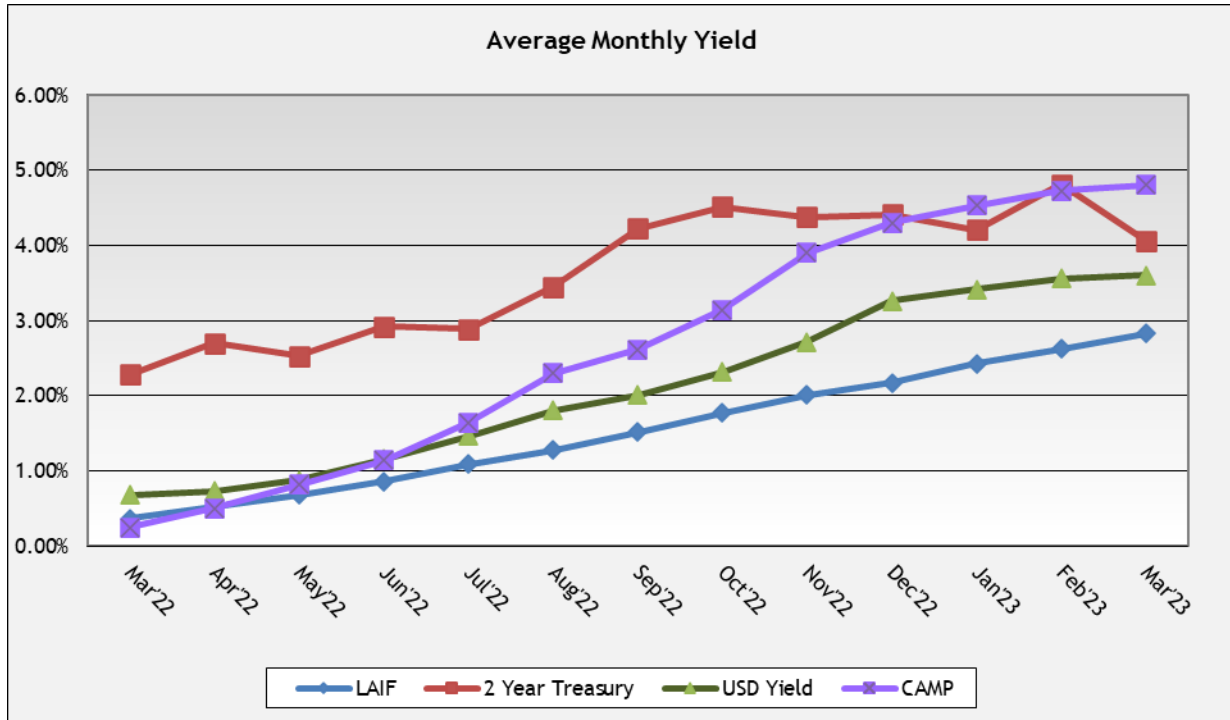
2023 MONTHLY OPERATIONS REPORT

Total Revenues and Expenditures

FY 2023	Year-to-date as of 3/31/23		75% of year elapsed	Audited Last Year Actuals 6/30/22
Revenues				
	Budget	Actual	% of Budget Rec'd	
Capacity Fees	\$ 7,467,000	\$ 3,353,659	45%	\$ 11,145,152
Sewer Service Charges	76,965,000	39,803,835	52%	73,822,317
Operating (Includes work groups and fund 85)	1,234,500	912,714	74%	1,307,546
Interest	1,385,000	3,600,329	260%	1,122,856
Misc. (Annex fees, forfeited deposits)	-	625,471	0%	1,607,370
Subtotal Revenues	\$ 87,051,500	\$ 48,296,008	55%	\$ 89,005,242
Bond Proceeds	-	-	0.0%	110,317,768
Total Revenues + Bond Proceeds	\$ 87,051,500	\$ 48,296,008	55%	\$ 199,323,010
Expenses				
	Budget	Actual	% of Budget Used	Audited Last Year Actuals 6/30/22
Capital Improvement Program:				
Capacity Proj.	\$ 15,624,000	\$ 5,302,715	34%	\$ 11,721,479
Renewal & Repl. Proj.	53,206,200	31,182,096	59%	14,840,229
Operating (includes fund 85)	50,509,850	35,056,857	69%	41,198,447
Special Projects	3,238,000	622,603	19%	1,002,174
Retiree Medical (ADC)	1,400,000	1,315,335	94%	- 27,870
115 Pension Trust	3,000,000	-	0%	3,000,000
Vehicle & Equipment	171,000	176,662	103%	-
Information Systems	1,207,500	283,575	23%	356,115
Plant & Pump Stat. R&R	400,000	206,494	52%	327,272
Emerg. Fund	-	-	0%	-
Cty Fee for SSC Admin.	113,000	56,256	50%	111,726
Debt Servicing:				
SRF Loans	-	-	0%	7,982
Bonds	9,017,480	9,693,038	107%	7,478,302
WIFIA	-	17,000	0%	363,040
Total Expenses	\$ 137,887,030	\$ 83,912,630	61%	\$ 80,378,897
Total Revenue & Proceeds less Expenses	\$ (50,835,530)	\$ (35,616,623)		118,944,113

Investment Portfolio

Performance Measures for the USD Investment Portfolio



	Nov'22	Dec'22	Jan'23	Feb'23	Mar'23
LAIF	2.01%	2.17%	2.43%	2.62%	2.83%
2 Year Treasury	4.38%	4.41%	4.21%	4.81%	4.06%
USD Yield	2.72%	3.26%	3.42%	3.56%	3.60%
CAMP	3.90%	4.30%	4.53%	4.73%	4.80%

LAIF: Local Agency Investment Fund Yield

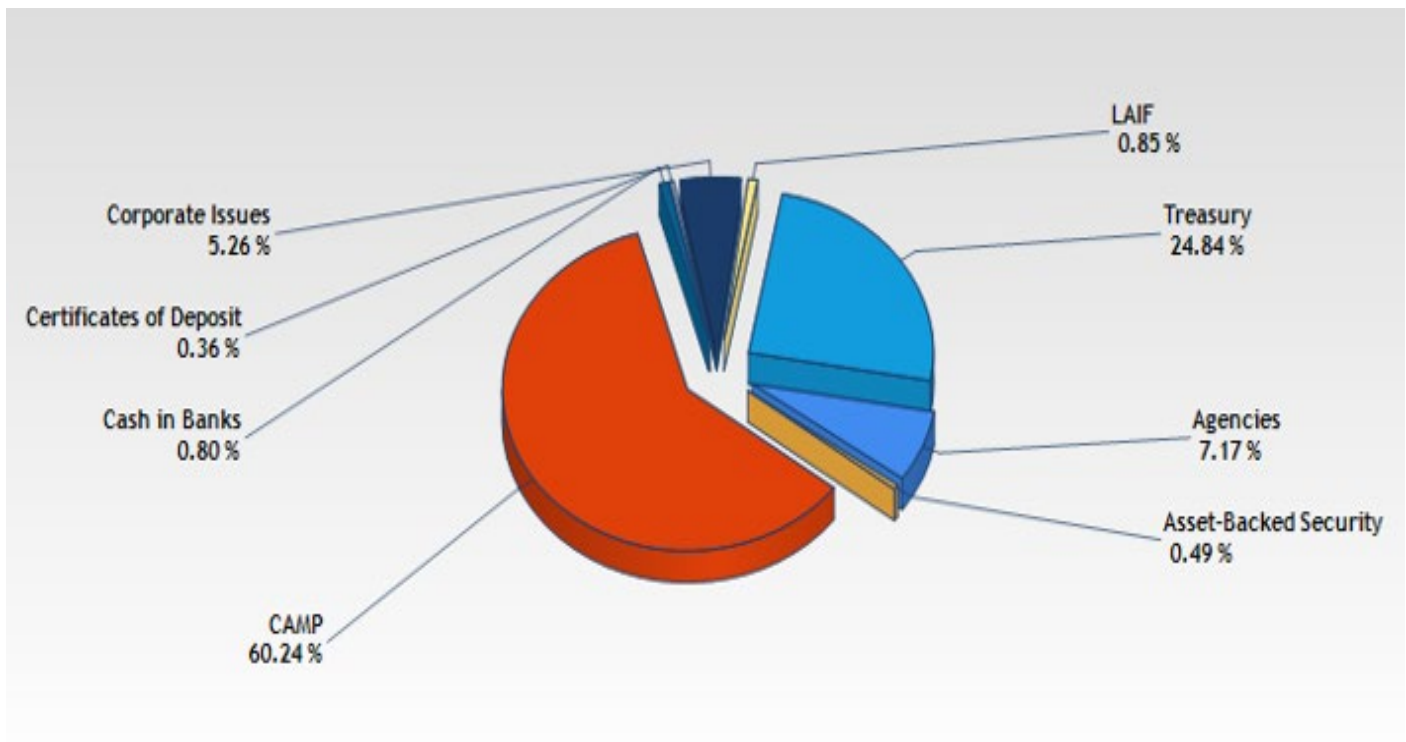
2 Year Treasury: Yield for investing in 2-Year U.S. Treasury security

USD Yield: Summarizes USD portfolio's yield

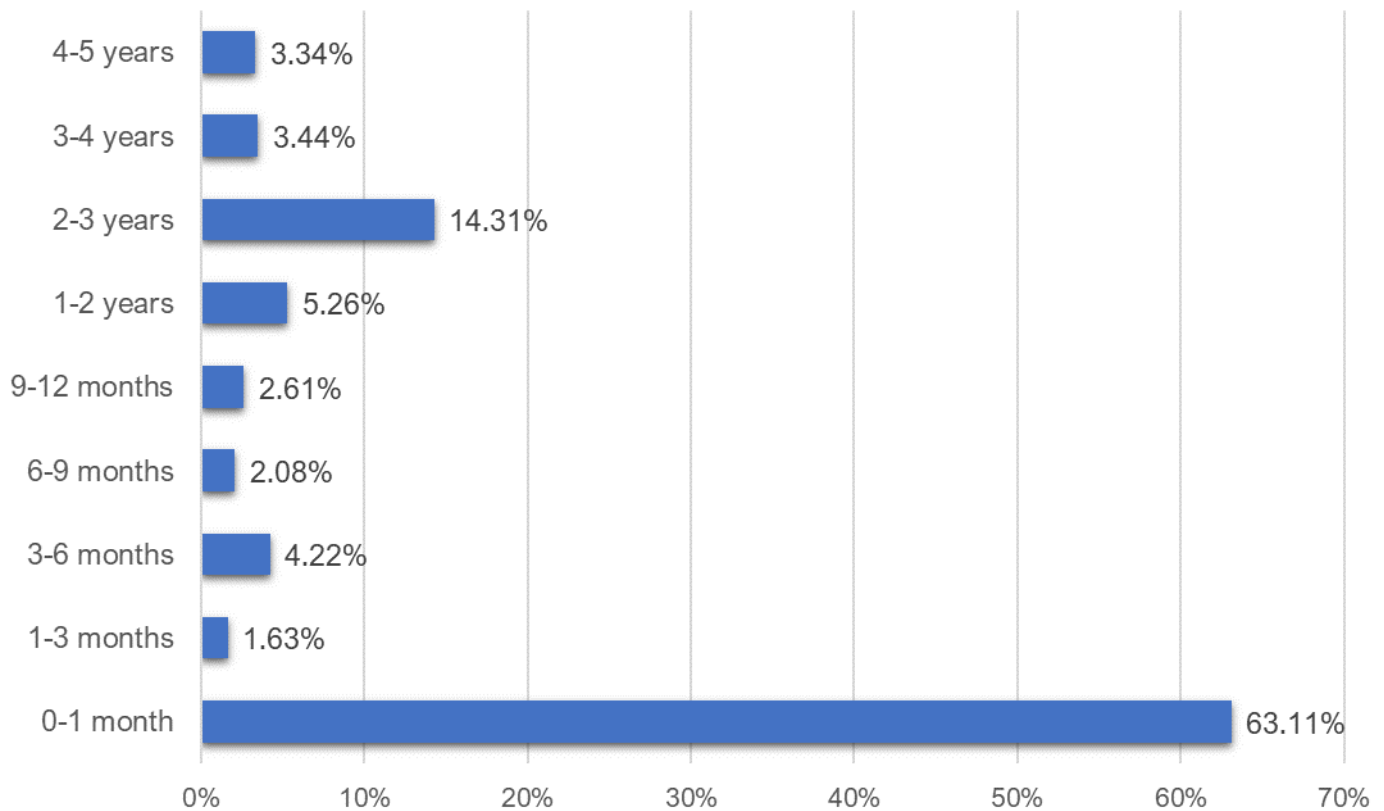
CAMP: California Asset Management Program Yield

Portfolio Holdings by Asset Class and by Maturity Range

Portfolio Holdings Distribution by Asset Class



Portfolio Holdings Distribution by Maturity Range



Union Sanitary District Odor Map and Report

During the recording period between March 1, 2023 to March 31, 2023, there was 1 odor related service request(s) received by the District.

City	Fremont		
District Related:	No	Date/Time:	3/30/2023 7:15AM
Location:	Benicia Street	Reported by:	Alan Manshack
Weather/Temp:	Partly Cloudy / 44°F	Wind:	Southeast / 3 mph

Response and Follow-up: USD staff responded to a report of a sewage-like odor at a Lab Facility in Fremont. The caller reported that the odor was no longer present but requested that USD conduct a follow up investigation.

When USD staff arrived onsite the inspector noted that there was an active construction project adjacent to the property, but there was no unsanitary or odor causing conditions observed, nor were there any odors present. The surrounding manholes (G22013, G22010, G22008, G22005 G22007, H22026, H22023, H22020) and storm drains were checked. All manholes were flowing normal. Findings were reported to the caller and they were advised to call in again if the odor returns.

Union Sanitary District Odor Map and Report



Legend

Odor Complaints: March 2023

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

Odor Complaints: Apr. 2022 to Feb. 2023

- ★ Odor found, USD resolved (1)
- Odor found, not related to USD (8)
- ▲ No odor found (19)

Location of Odor Reports April 2022 to March 2023





Customer Service Response

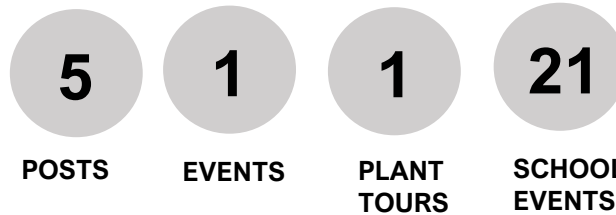
Front Desk Trouble Calls

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
Mar-23	14	5	1	20
Feb-23	9	2	2	13
Jan-23	15	3	2	20
Dec-22	10	1	0	11
Nov-22	12	5	3	20
Oct-22	9	0	1	10
6 Month Total				94
Mar-22	10	1	1	12

Communication and Outreach

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



Social Media Posts:

- Don't flush wipes
- Don't flush pet waste
- Items to keep out of the toilet
- Keep pasta, noodles, and rice out of drains
- Proper disposal of coffee grounds

Events:

- Alameda County Science and Engineering Fair Award Ceremonies

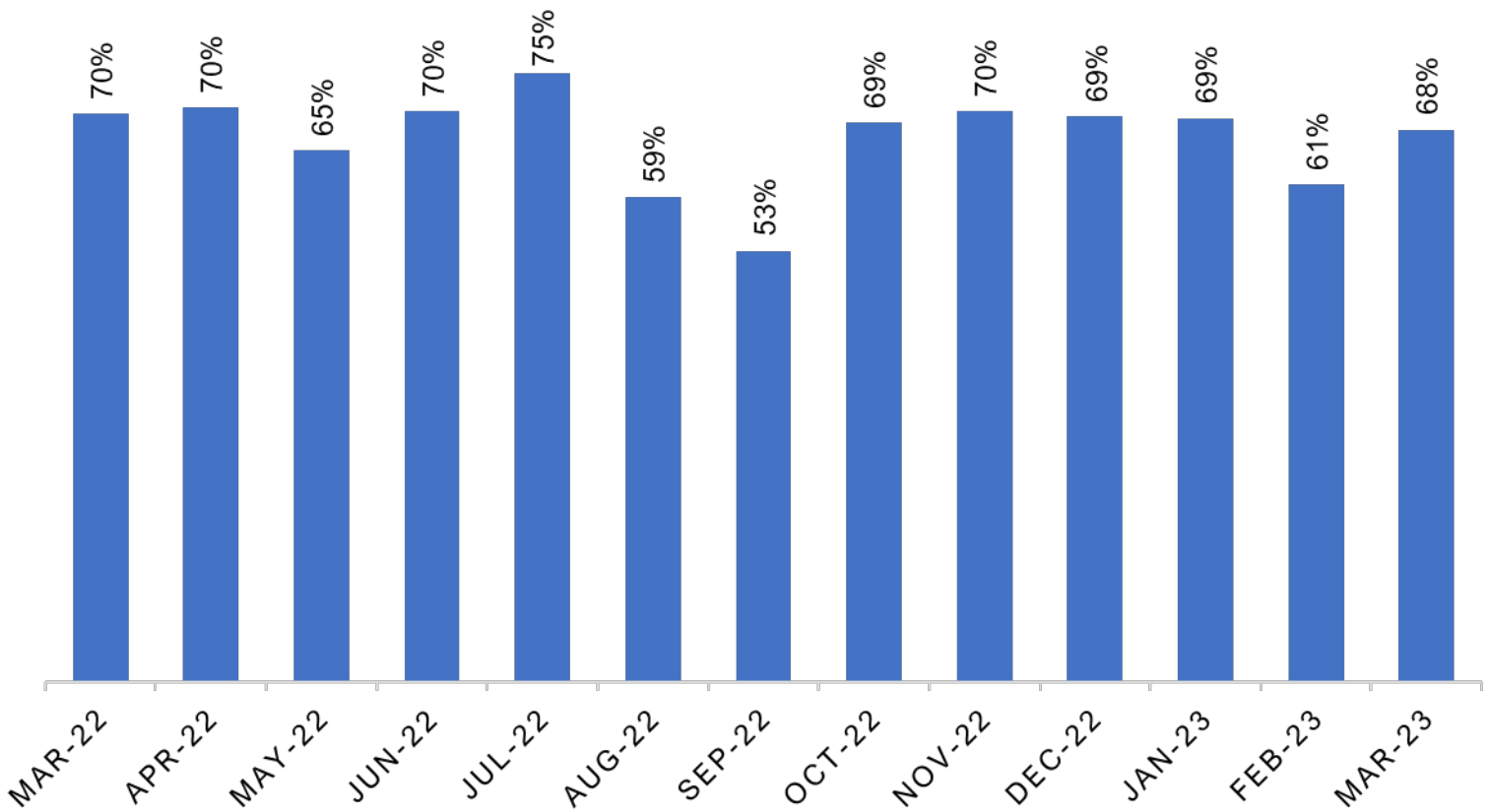
Other Activities:

- Union City Councilmember Jeff Wang plant tour

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



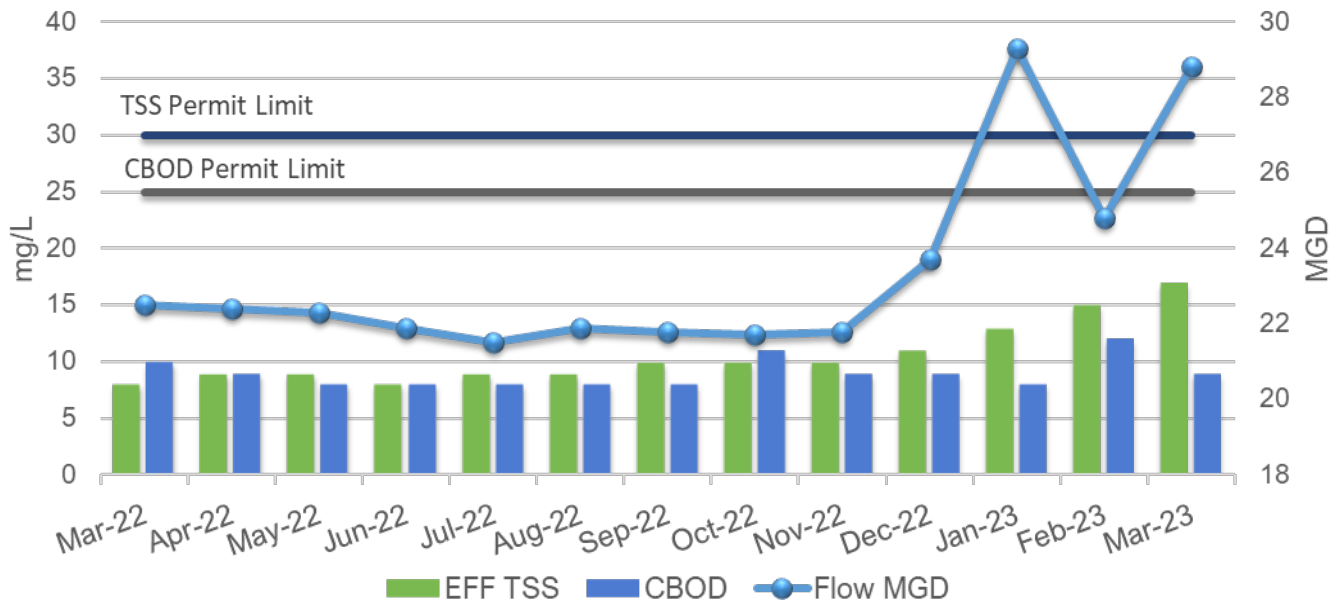
Plant Operations

2023 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

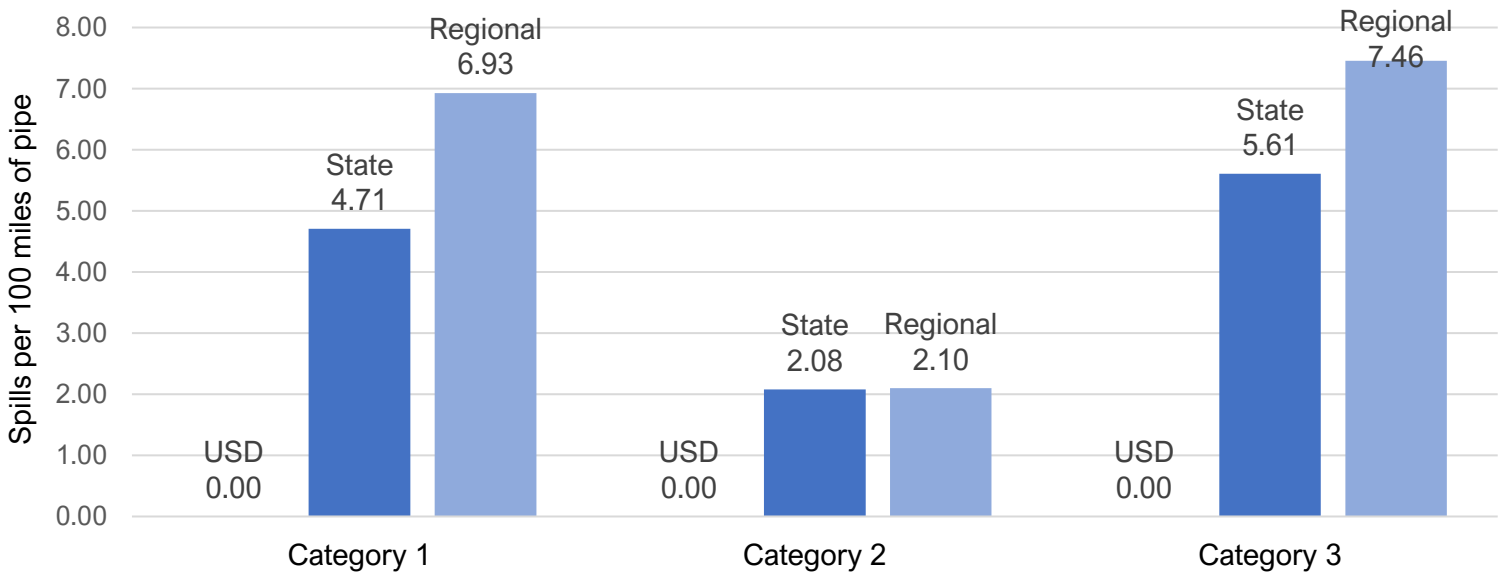
Parameter	Permit Limit	Jan-23	Feb-23	Mar-23
Copper, µg/l	53	4.3	6.4	5.6
Mercury, µg/l	0.066	N/A	0.0043	NA
Cyanide, µg/l	20	ND 0.9	1.1	ND 0.9
Ammonia- N, mg/L (Range)	86	28 - 37.9	42 - 45	31 - 45
Fecal Coliform, MPN/100ml (Range)				
• 5-Day Geometric Mean	500	43 - 73	51 - 59	47 - 70
• 11-Sample 90th Percentile	1100	89 - 248	79 - 89	78 - 86
Enterococci				
• 6-Week Geometric Mean	280	94.6	79.4	52

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



Collection System Performance Report

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



Definition of Spill Categories

- Category 1: 1,000 gallons or more. Discharges to surface water, not fully captured.
- Category 2: 1,000 gallons or more. Does not reach surface water, not fully captured.
- Category 3: 1,000 gallons or less. Does not reach surface water, fully captured.

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.

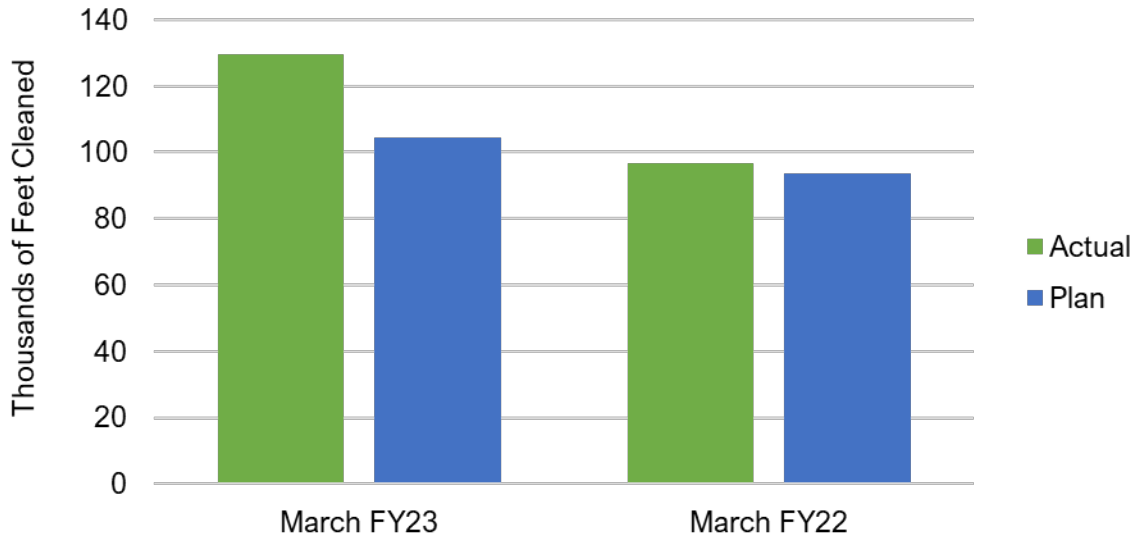
	This Month	Fiscal Year to Date	Historical Monthly Average
Sewer Line Repairs - # of Open Trench	0	0	2
Sewer Line Repairs - # of Trenchless	32	157	14
Work Orders Completed on Vehicles and Buildings	336	1861	171



Maintenance Report

2023 MONTHLY OPERATIONS REPORT

Sewer Line Cleaning



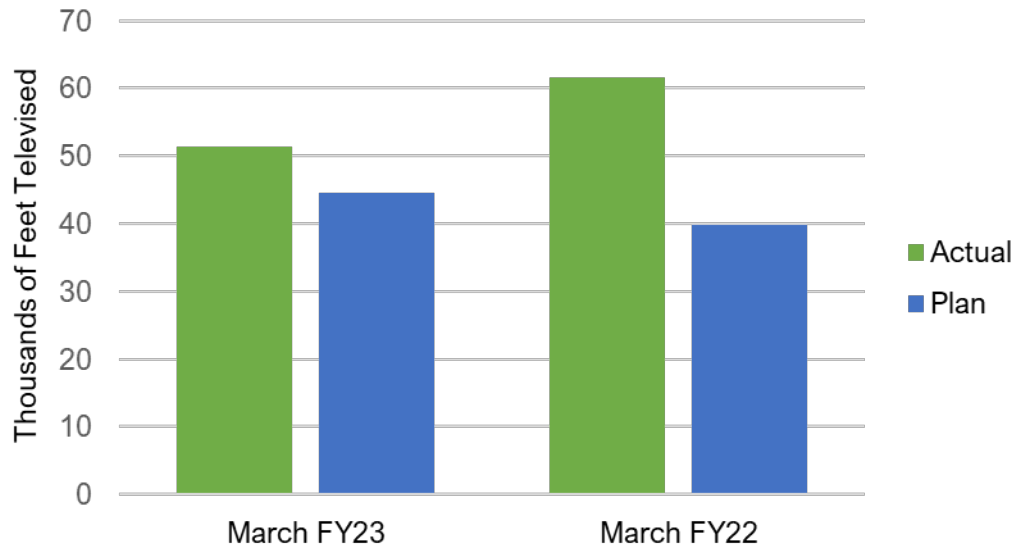
Cleaning Cost per Foot=\$0.95										
Description	FY23 Q1 Footage	FY23 Q2 Footage	Jan-23 Footage	Feb-23 Footage	Mar-23 Footage	FY23 Q3 Footage	FY23 YTD Footage	Historical FY22 Footage	FY23 YE Goal	% Completed to Plan
84 Month Hydro-Jet Clean	164,544	122,926	41,153	68,074	55,638	164,865	452,335	654,851	579,314	78.1%
Selective Line Cleaning	31,441	122,926	48,375	7,538	14,184	70,097	153,316	196,114	221,641	69.2%
Special Condition Clean (not in total)	1,390	4,184	3,936	1,626	2,578	8,140	13,714	32,029	28,940	47.4%
Root Control/Chemical Clean	42,723	161,568	30,991	36,210	59,566	126,767	331,058	320,841	410,502	80.6%
Cast Iron Cleaning	1,270	5,508	720	-	-	720	7,498	-	6,293	
Totals	239,978	341,780	121,239	111,822	129,388	362,449	944,207	1,171,806	1,217,750	77.5%



Maintenance Report

2023 MONTHLY OPERATIONS REPORT

Sewer Line Inspection and Televising



Televising Cost per Footage=\$0.93										
Description	FY23 Q1 Footage	FY23 Q2 Footage	Jan-23 Footage	Feb-23 Footage	Mar-23 Footage	FY23 Q3 Footage	FY23 YTD Footage/Count	Historical FY22 Footage/Count	FY23 Goal	% Completed to Plan
84 Month TV Inspection	108,880	120,029	14,589	56,302	51,454	122,345	351,254	481,639	477,964	73.5%
84 Month Manhole Inspection Count	525	297	184	161	194	539	1,361	1,163	2,468	55.1%
Visual/Condition, Pre/Post Cnst TV (not in total)	-	-	-	-	10,483	10,483	10,483	1,793	11,704	89.6%
Visual Manhole Inspection Count (not in total)	79	26	1	28	1	30	135	329	-	-
New Development, CIP, Misc (not in total)	1,507	6,394	6,551	304	5,232	12,087	19,988	33,140	34,056	58.7%
QA/QC Line Condition	-	-	-	-	-	-	-	19,201	16,074	0.0%
QA/QC Root Control	20,286	2,064	-	-	-	-	41,050	22,270	41,108	99.9%
Totals	129,166	140,793	14,589	56,302	51,454	392,304	392,304	523,110	535,146	73.3%

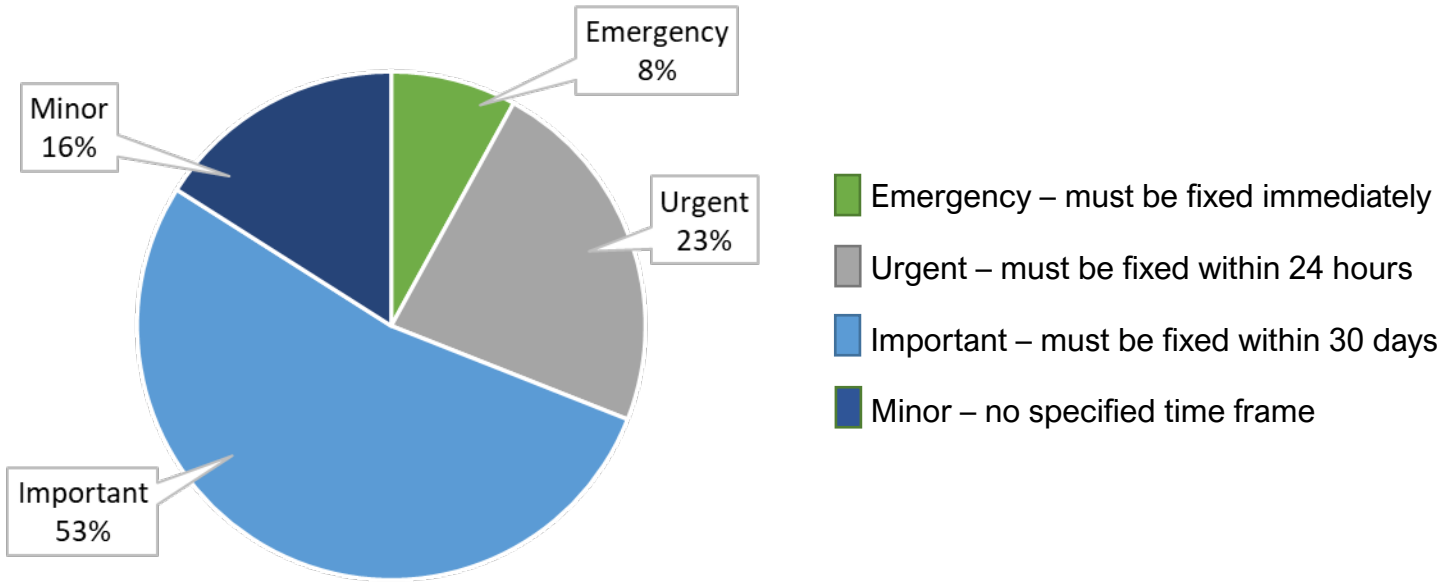


Maintenance Report

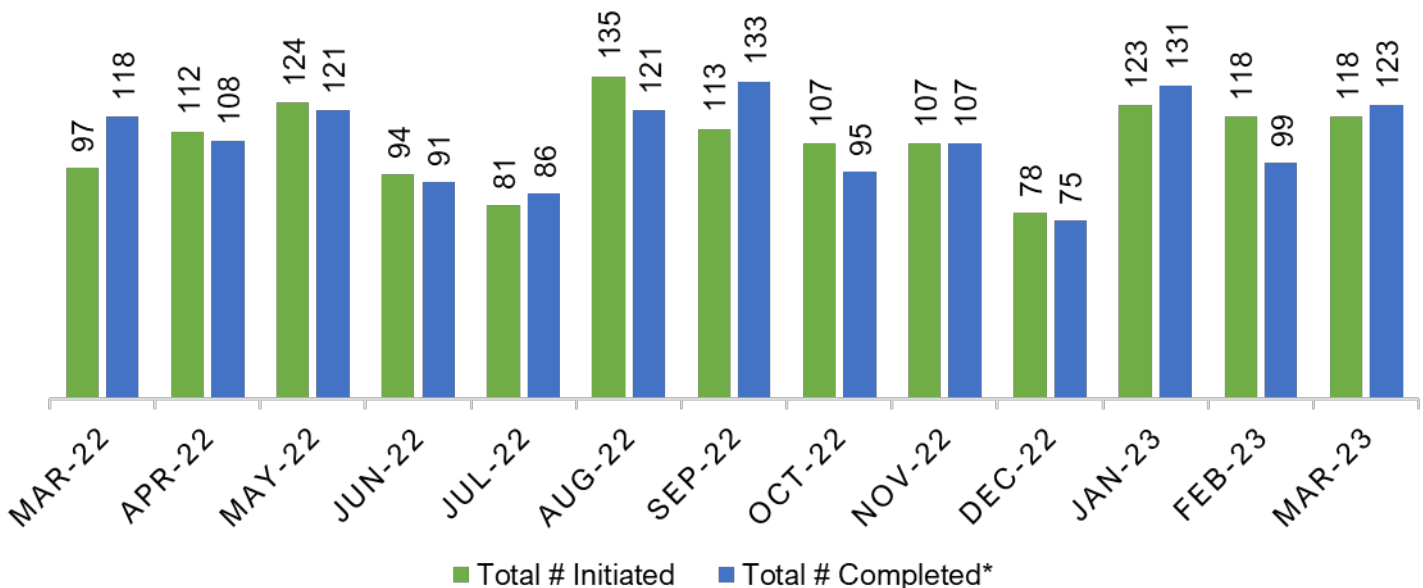
2023 MONTHLY OPERATIONS REPORT

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 94.46% 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.



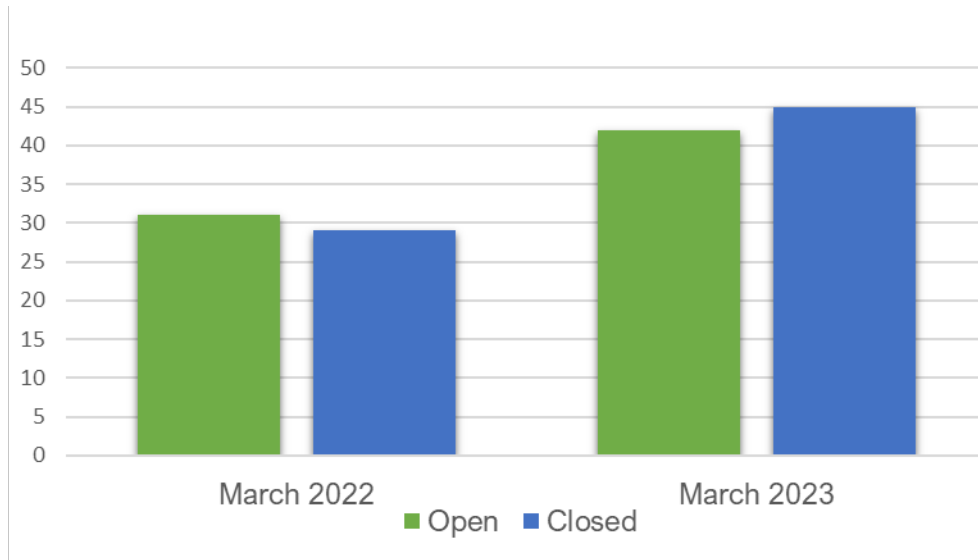
Maintenance Report

2023 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	99.99%
Email Server	Hosted	100%
Newark Pump Station	USD Managed	99.99%
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	99.99%

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

2023 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 (FY23) CIP Projects	Budget (\$1,000)	Spent to Date (\$1,000)	Scheduled Completion	Completed Scope
1 – Alvarado Influent Pump Station Improvements Project	\$9,028	\$8,420	11/21	99%
2 – Force Main Corrosion Repairs Project – Phase 3	\$1,064	\$1,058	10/22	99%
3 – Irvington Basin Reinforced Concrete Pipe Rehabilitation Project	\$5,291	\$5,205	12/22	98%
4 – Plant Miscellaneous Improvements Project	\$5,544	\$0	09/24	0%
5 – Primary Digester No. 7 Project	\$23,783	\$22,901	5/22	99%
6 – Standby Power Generation System Upgrade Project	\$21,135	\$4,044	6/24	19%



Digester #7 Project

[Click here to see time lapse video](#)



Capital Improvement Projects

2023 MONTHLY OPERATIONS REPORT

Design Phase – Budget and % of Completed Scope

Current (FY23) Design Phase	Budget (\$1,000)	Spent to Date (\$1,000)	Scheduled Completion	Completed Scope
1 – Pump Stations Chemical System Improvements Project	\$762	\$753	10/21	100%
2 – Switchboard No. 3 and MCC No. 25 Replacement Project	\$95	\$71	7/22	75%
3 – WAS Thickener Replacement Project	\$1,017	\$885	6/23	85%
4 – Force Main Corrosion Repairs Project – Phase 4	\$68	\$43	3/23	90%

Study Phase – Budget and % of Completed Scope

Current (FY23) Study Phase	Budget (\$1,000)	Spent to Date (\$1,000)	Scheduled Completion	Completed Scope
1 – Cogeneration Replacement and Ventilation Study	\$142	\$135	7/22	95%
2 – Digester Efficiency Study	\$353	\$0	11/23	0%
3 – Energy Resiliency Study	\$256	\$247	12/22	96%
4 – Force Main Condition Assessment	\$121	\$32	10/22	60%
5 – Headworks Degritting Study	\$200	\$156	10/22	90%
6 – Odor Control Alternatives Study	\$504	\$476	12/20	99%
7 – Primary Digester No. 8 Feasibility Study	\$111	\$113	9/22	90%
8 – Pump Stations Condition Assessment Study	\$250	\$190	8/22	95%
9 – Sea Level Rise Study	\$162	\$158	11/22	97%
10 – Thermal Dryer Feasibility Study	\$128	\$121	7/22	95%
11 – 2022 Local Limits Study	\$44	\$44	12/22	100%



Permitting and Inspections

2023 MONTHLY OPERATIONS REPORT

Sewer Permits Issued

Permits issued upon approved completed plans.

Month	Repairs	Mains	New Laterals*	Secondary Units	Restaurants	Other**	Total
Mar-23	20	2	37	5	0	3	67
Feb-23	21	0	16	8	0	2	47
Jan-23	24	0	9	10	0	2	45

*New Laterals- New residential lateral connections

**Other- Non-residential construction (except restaurants)

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
77	803	2	0	1	4	0	0	7

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
66	524	5	4	0	0	0	1	10

Permitted Industrial Businesses

City	Industrial Permits
Fremont	56
Newark	12
Union City	12

Examples of Permitted Industrial Businesses:

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



Staffing and Personnel

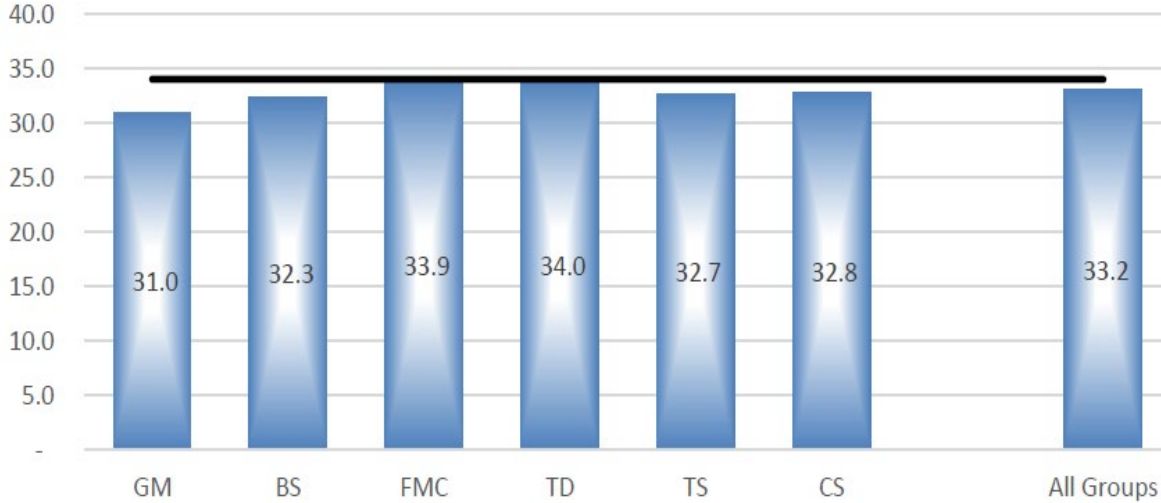
2023 MONTHLY OPERATIONS REPORT

Hours Worked and Leave Time by Work Group

June 23, 2022 through March 29, 2023

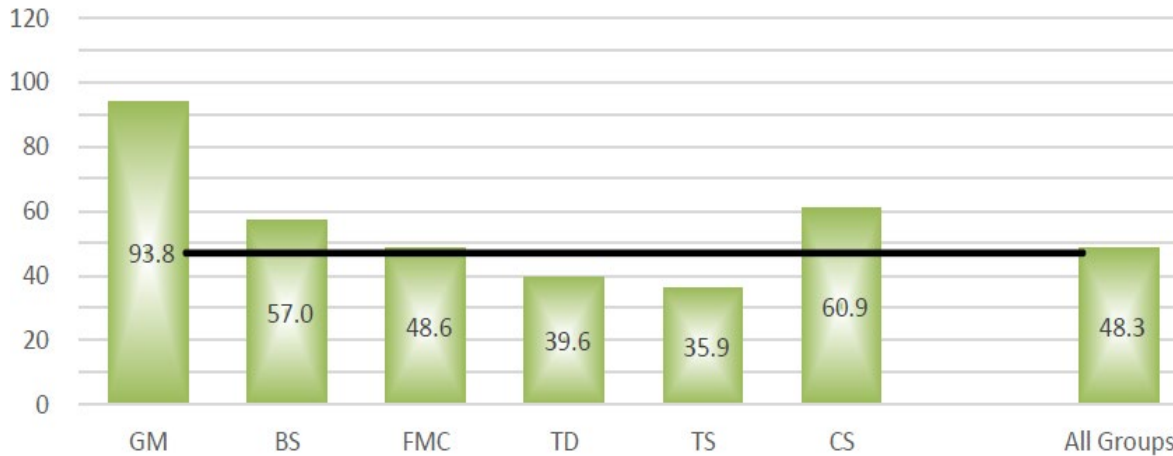
Weeks to Date 40 out of 52 (76.92%)

At-Work Hours Per Employee Per Week



Target is 34

Average Annual Sick Leave Used Per Employee Per Date



Target is 47

Recruitments

Position	Position Posted	Status
Junior/Assistant/Associate Engineer – CIP	8/8/2022	Jose Rivas, Assistant Engineer – DOH 3/13/2023.
Organizational Support Coordinator I	2/1/2023	Nasiha Rahman – DOH 5/8/2023.
Assistant/Associate Engineer – (Customer Service Team)	2/1/2023	Andrew Baile – Transfer Date 3/23/2023.



USD TREAT
PROTECT
PRESERVE
est. 1918
TRI-CITY WASTEWATER

Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

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

Karen W. Murphy
Attorney

**APRIL 24, 2023
BOARD OF DIRECTORS MEETING
AGENDA ITEM # 8**

TITLE: Authorize the General Manager to Execute Amendment No. 2 to Task Order No. 2 with Jacobs Engineering Group Inc. for the Pump Stations Chemical System Improvements Project (*This is a motion item*)

SUBMITTED: Paul R. Eldredge, General Manager/District Engineer
Raymond Chau, Technical Services Work Group Manager
Curtis Bosick, CIP Team Coach
Thomas Lam, Associate Engineer

Recommendation

Staff recommends the Board authorize the General Manager to execute Amendment No. 2 to Task Order No. 2 with Jacobs Engineering Group Inc. (Jacobs) in the amount of \$280,084 to provide design services for the Pump Stations Chemical System Improvements Project (Project).

Discussion

On January 9, 2023, the Board authorized staff to reject all bids and re-bid the Project due to the lowest responsive, responsible bid being 65.5% above the Engineer's Estimate of \$8,600,000. Before re-bidding the Project, staff would evaluate the scope of work to identify methods of reducing or modifying the project scope to reduce costs.

The Project's initial scope of work included replacing the existing odor control systems at both the Newark and Irvington Pump Stations with engineered media biofilters. The 2019 Newark and Irvington Pump Stations Odor Control Study evaluated four viable odor control technologies:

- Carbon adsorption scrubber
- Engineered media biofilter

- Bio-trickling filter
- Packed tower chemical scrubber

The study concluded that the biofilter was the preferred technology at that time. However, due to inflation and supply chain challenges, the biofilter technology is no longer the most economical. The Odor Control Alternatives Study recently completed at the treatment plant determined that carbon adsorption scrubbers are the preferred replacement technology due to their performance and significantly lower capital and life cycle costs. Staff is of the opinion the Project should be re-designed utilizing carbon adsorption scrubber technology.

Based on the feedback received during the bidding period and staff’s analysis of the bids, staff is of the opinion that a significant portion of the higher bids can be attributed to costs associated with constructing the biofilters. Accordingly, staff and Jacobs completed a rough order of magnitude cost evaluation for redesigning the Project to include carbon adsorption scrubbers in lieu of biofilters. Results from this evaluation indicated that the expected cost savings associated with switching to carbon adsorption scrubbers is approximately \$2 million. Additionally, constructing carbon adsorption scrubbers at the pump stations and replacing the existing plant odor control equipment in the future with carbon adsorption scrubbers would provide equipment O&M consistency across all USD facilities.

Amendment No. 2 to Task Order No. 2

The purpose of Amendment No. 2 to Task Order No. 2 is to redesign the Project to include carbon adsorption scrubbers in lieu of biofilters. This includes conducting a conceptual design to determine the Project’s key components such as the carbon vessel configuration, location, and routing of the air ducts. In addition, this amendment will include a task for modifying the earlier completed air permit documentation to accommodate the change in odor control technologies. Additional Project scope of work will be evaluated, but the odor control system redesign is the largest and most significant portion.

The scope and fee for Amendment No. 2 to Task Order No. 2 with Jacobs are summarized below:

Task No.	Description	Amount
1	Concept Design Effort	\$18,174
2	Detailed Design	\$238,019
3	Permitting Support	\$2,632
4	Bid Support	\$7,684
5	Project Management	\$13,575
	Amendment No. 2 Not-to-Exceed Fee	\$280,084

Staff anticipates Jacobs will complete the redesign and the Project will be re-bid in winter 2023.

The total amounts for the Project’s agreement with Jacobs are summarized in the table below:

Description	Amount
Task Order No. 1 – Predesign Services	\$98,675
Task Order No. 2 – Final Design Services	\$638,983
Amendment No. 1 to Task Order No. 2 – Additional Design Services	\$23,930
Amendment No. 2 to Task Order No. 2 – Additional Design Services	\$280,084
Total	\$1,041,672

The total not-to-exceed design fee of \$1,041,672 is 12.1 percent of the engineer’s construction cost estimate of \$8.6 million for the Project. The industry standard is to budget 30 percent for all project soft costs (e.g., design, construction management, inspection, engineering services during construction).

Background

Pump Stations Chemical Systems

The existing chemical systems at the Newark PS and the Irvington PS were constructed in 1994 and 2003, respectively. The major components of each system consist of a chemical storage tank, chemical metering pumps, and chemical distribution piping located inside a concrete containment structure. The chemical distribution piping system extends to the wastewater discharge piping from the wastewater pumps.

The chemical system at Irvington PS stores and injects ferrous chloride into the force mains to reduce the generation of hydrogen sulfide from the wastewater during transport to the Plant. The chemical system at Newark PS serves as a backup system to inject ferrous chloride into the force mains in the event the chemical system at Irvington PS is taken out of service for maintenance purposes.

The chemical systems at both pump stations are at the end of their useful life, and staff identified the need to replace the systems to maintain reliability in injecting ferrous chloride into the force mains. The chemical storage tank located at the Irvington PS will not be replaced because it was replaced in 2014 and is in good condition.

Pump Stations Odor Control Systems

The existing odor control systems at both pump stations were constructed in the same years as the existing chemical systems. Both odor control systems have reached the end of their useful life. Before replacing the existing odor control systems, staff wanted to study the type of odors from the pump stations and identify alternative technologies to implement and reduce the potential for off-site odor impacts. Through a Request for Proposal process, the District hired

Jacobs in 2019 to conduct the Newark and Irvington Pump Stations Odor Control Study (Study) to characterize odors from the pump stations, complete an air dispersion model to predict off-site impacts, and evaluate the available odor control technologies that use low or no chemicals with an emphasis on energy optimization, small footprints, and simple operation.

During the Study, Jacobs evaluated four viable odor control technologies that can effectively treat odors from the pump stations and reduce the off-site impacts: carbon adsorption scrubber, engineered media biofilter, bio-trickling filter, and packed tower chemical scrubber. Staff and Jacobs evaluated each technology option based on capital costs, operation and maintenance costs, simplicity of operation, level of maintenance complexity, safety, ability to monitor performance, and several other non-economic factors. The Study concluded that the preferred technology option is biofilter with bio-trickling filter as the next option of choice. In Task Order No. 1, Jacobs completed further evaluation of the preferred technology option to determine the feasibility of the proposed locations at both pump station sites and the design criteria to take into the final design phase in Task Order No. 2.

The existing chemical systems and odor control systems at both pump stations are shown in Figures 1 through 7.

Irvington PS Valve Replacement

There are six wastewater pumps at the Irvington PS, and each pump has a gate valve on the suction pipeline and a gate valve on the discharge pipeline. The pumps discharge wastewater into two header pipelines where the wastewater flows are combined before discharging into the twin force mains inside the Effluent Valve Vault. The two header pipelines include three gate valves that allow staff to change the pump operational mode depending on wet weather considerations and to isolate certain pumps for maintenance purposes. The valves are regularly exercised as part of the preventive maintenance program.

In mid-2020, staff was unable to actuate the Pump No. 6 suction gate valve, which resulted in staff removing Pump No. 6 from service. Staff has also encountered issues with actuating several of the other gate valves. To avoid risking the gate valves being stuck in the fully- or partially closed position and not be able operate the pumps, staff has placed all the gate valves in the open position and will not actuate them again. The gate valves and actuators are close to 20 years old and are at or close to the end of their service life. Their replacement was likely to be included in the upcoming Irvington PS Pumps and VFDs project starting in Fiscal Year 2024 but will now be included in this Project. Figures 8 and 9 show the existing suction, discharge, and header pipeline gate valves and actuators.

Irvington PS Equalization Piping Modifications

Staff identified a need to better control the diversion of wastewater discharged from the Irvington PS to the Irvington equalization storage tanks during a significant wet weather event. The current method to divert wastewater to the Irvington equalization storage tanks is passive

and requires the wastewater to rise close to the top of the Irvington surge tower where it would overflow into a large funnel and flow by pipe to storage. This situation typically indicates the pumped flows from the Irvington PS have exceeded the capacity of the force mains between Irvington and Newark.

During a significant wet weather event, plant staff needs to manage the influent wastewater flows from the three large regional pump stations as well as the effluent flows from the Final Effluent PS. Having the ability to divert wastewater sooner, at a much lower Irvington surge tower elevation, would help the plant staff better manage the influent and effluent flows and monitor the treatment processes. The Project included piping modifications to the existing discharge piping system from the Irvington PS that will allow for controlled fill of the equalization storage.

Irvington PS Effluent Valve Vault

The Irvington PS Effluent Valve Vault (Vault) is a below-grade reinforced concrete structure that contains the piping and valving system that distributes the pumped flows from the Irvington PS into the twin force mains. A condition assessment of the Vault's interior identified damaged concrete at several pipe supports, access hatch opening, access ladder support, and platforms. The recommended repairs will be included in the final design of the Project. The existing ferrous chloride injection ports into the force mains are also located in the Vault. The chemical is very corrosive and has caused some damage to the force main pipes at the injection ports. The maintenance staff made repairs to the force main pipe at one of the ports. The Project included the repair of the other force main pipe and the relocation of the injection ports to eliminate the corrosion damage to the pipes. Figures 10 through 12 include photos of the damaged areas.

Staff conducted a consultant selection process in February 2020 and selected Jacobs to perform the professional engineering services for the Project. The Project's major elements include:

1. Newark PS
 - a. Replace the existing odor control system with Biofilter.
 - b. Replace the chemical metering pumps and install variable frequency drives for the pumps.
 - c. Replace the chemical storage tank and distribution piping system.
 - d. Rehabilitate the concrete at the chemical storage tank containment area.
2. Irvington PS
 - a. Replace the existing odor control system with Biofilter.
 - b. Relocate the chemical metering pumps to the chemical storage tank containment area and install variable frequency drives for the pumps.
 - c. Replace the chemical distribution piping system.
 - d. Rehabilitate the concrete at the chemical storage tank containment area.
 - e. Rehabilitate the concrete in the Effluent Valve Vault.

- f. Install new bypass piping to allow controlled bypass around the existing surge tower to the existing Equalization Basins.
- g. Replace the eleven gate valves and actuators at Pumps 1 through 4 along with the gate valves for the downstream header piping.
- h. Refurbish the four existing gate vales at Pumps 5 and 6.
- i. Install new Training Facility for Collection Services.

Bid Relief and Reject Bid

The Project was advertised for bids on September 13, 2022. Three bids were received on October 20, 2022 with the results shown in the table below.

Contractor	Total Contract Price
Anvil Builders, Inc. (Emeryville, CA)	\$10,779,000
Mountain Cascade, Inc. (Livermore, CA)	\$14,235,206
Disney Construction, Inc. (Burlingame, CA)	\$15,740,000

Anvil Builders, Inc. (Anvil) was the apparent low bidder with a total contract price of \$10,779,000 or 25.3% above the Engineer’s Estimate.

After the bid opening, Anvil requested relief of bid claiming they made a clerical mistake by failing to properly include the price for materials, equipment rental and testing (“Self-Performed Tasks”) for the portion of work involving with heating, ventilation, and air conditioning (HVAC) in its Project bid. Anvil provided staff with strong evidence that a mistake was made. After reviewing the evidence provided and conferring with legal counsel, staff recommended granting Anvil relief of its bid. The Board directed staff to grant Anvil relief of its bid at the meeting on January 9, 2023.

With the apparent low bidder being granted bid relief and the second-low bid exceeded the Engineer’s Estimate by a large percentage, the Board directed staff to reject all bids and re-bid the Project.

Previous Board Action

July 27, 2020 – The Board authorized the General Manager to execute an Agreement and Task Order No. 1 with Jacobs in the amount of \$98,675 to provide predesign services for the Project.

February 22, 2021 – The Board authorized the General Manager to execute Task Order No. 2 with Jacobs in the amount of \$638,983 to provide design services for the Project.

January 9, 2023 – The Board granted Anvil relief of its bid; and rejected all bids and authorized staff to re-bid the Project.

Attachments: Figure 1 – Newark PS Site Plan
Figure 2 – Irvington PS Site Plan
Figures 3 through 7 – Chemical and Odor Control Systems Photos
Figures 8 and 9 – Irvington PS Suction, Discharge, and Header Pipeline Gate
Valves and Actuators Photos
Figures 10 through 12 – Irvington PS Effluent Valve Vault Photos
Amendment No. 2 to Task Order No. 2



Figure 1 - Newark Pump Station
Site Plan



Figure 2 - Irvington Pump Station Site Plan



Figure 3 - Newark PS Chemical Storage Tank Located Within Containment Structure



Figure 4 - Newark PS Chemical Metering Pumps and Distribution Piping Located Within Containment Structure



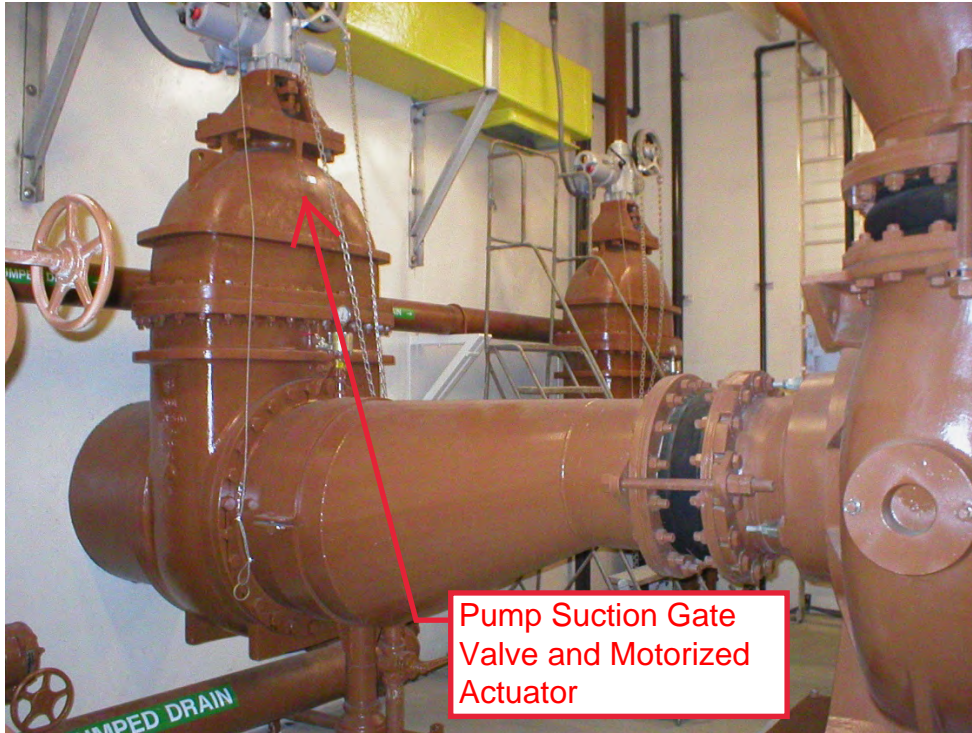
Figure 5 - Irvington PS Odor Scrubber Located Within Containment Structure



Figure 6 - Irvington PS Chemical Metering Pumps and Distribution Piping Located Within Containment Structure

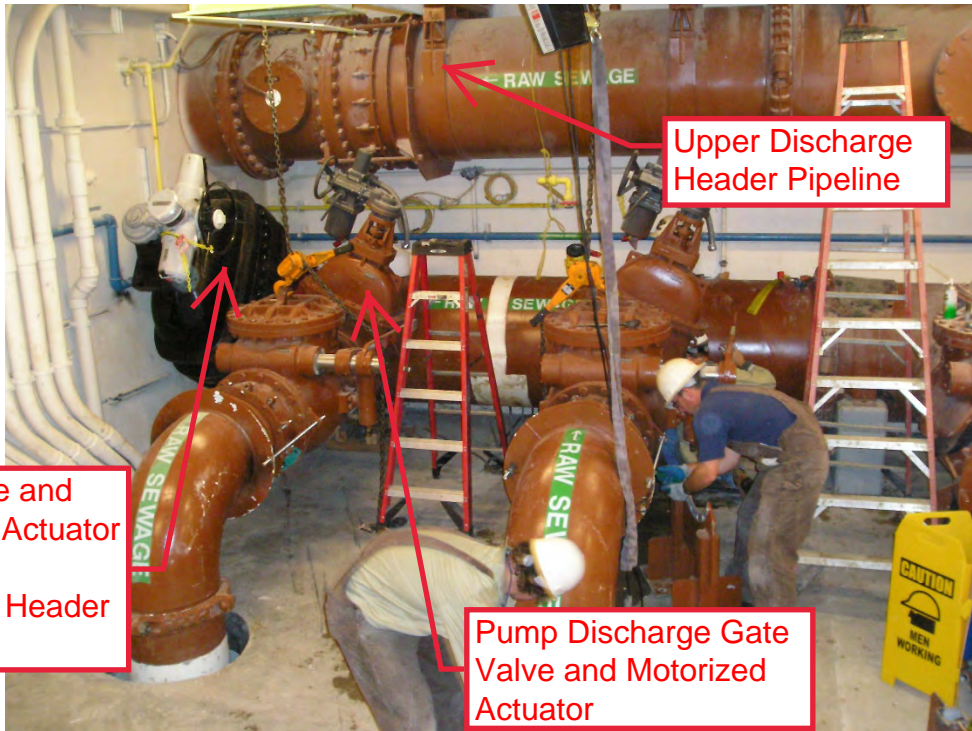


Figure 7 - Irvington PS Odor Scrubber (Background, Left) and Effluent Valve Vault (Foreground)



Pump Suction Gate Valve and Motorized Actuator

Figure 8 – Irvington PS: Pump Suction Gate Valves and Motorized Actuators



Upper Discharge Header Pipeline

Gate Valve and Motorized Actuator on Lower Discharge Header Pipeline

Pump Discharge Gate Valve and Motorized Actuator

Figure 9 – Irvington PS: Pump Discharge Gate Valves and Motorized Actuators and Header Pipeline



Figure 10 – Irvington PS Effluent Valve Vault: Damaged Area Around Sump



Figure 11 – Irvington PS Effluent Valve Vault: Spalled Concrete and Leaks at Access Hatch



Figure 12 – Irvington PS Effluent Valve Vault: Spalled Concrete at Landing Platform Beam

PUMP STATIONS CHEMICAL SYSTEM IMPROVEMENTS PROJECT

AMENDMENT NO. 2

TO

TASK ORDER NO. 2

TO

AGREEMENT

BETWEEN

UNION SANITARY DISTRICT

AND

JACOBS ENGINEERING GROUP INC.

FOR

PROFESSIONAL SERVICES

Dated February 22, 2021

1. PURPOSE

The purpose of this Amendment No. 2 to Task Order No. 2 (Amendment) is to modify the earlier completed 100 percent design documents through a re-design effort by replacing the biofilter design elements at both the Newark Pump Station (NPS) and Irvington Pump Station (IPS) with carbon adsorption design elements. In addition, this Amendment will include a task for modifying the earlier completed air permit documentation to accommodate the changed design technology.

2. PROJECT COORDINATION

All work related to this task order shall be coordinated through the District's Project Manager, Thomas Lam.

3. ENGINEER'S SCOPE OF SERVICES

The task numbers in this Scope of Services are associated with the cost data presented in Exhibit A.

Task 1: Concept Design Effort

Task 1.1: Kick-Off Meeting

Engineer shall hold a kick-off workshop that includes the Engineer's team members, key District staff, and stakeholders. The kick-off workshop focuses on the following:

- Discuss the scope and approach to detailed redesign effort.
- Confirm information received to date and outline additional information needed to complete detailed design.
- Review and agree on the project deliverables, schedule, and key milestones.

Assumptions:

- Documentation requested by Engineer is available for review.
- The kick-off workshop will be held virtually, lasting up to two hours, and includes attendance by up to four (4) Engineer staff, including the Project Manager and the Design Manager.

Deliverables:

- Request for Information in .pdf format
- Kick-off workshop: agenda, presentation materials, and meeting minutes (draft and final)

Task 1.2: Concept Design Report

Complete a limited Concept Design Report including the following key elements:

- Carbon vessel configuration options and recommendation
- Location options for new carbon system and recommendations
- Evaluation for overhead ductwork at NPS
- Updated cost estimate

This task will include a two-hour workshop to discuss and finalize concept design decisions as outlined in the Concept Design Report.

Assumptions:

- The Concept Design workshop will be held virtually, last up to two hours and includes attendance by up to three (3) Engineer staff, including the Project Manager and the Design Manager. The workshop will be held approximately one week after delivery of the draft Concept Design Report to allow the District time to review.

- District provides one set of consolidated comments within two weeks from receipt of draft Concept Design Report.

Deliverables:

- Draft version of Concept Design Report
- Concept Design Report workshop: agenda, presentation materials, and meeting minutes (draft and final).
- Final version of Concept Design Report
- Written responses to District review comments

Task 2: Detailed Design

Engineer shall prepare detailed design packages for each design milestone. Each package shall be delivered to the District after an independent Quality Control review team selected for this project has reviewed the package and comments have been incorporated.

Design phases are broken up into 60 percent, 90 percent, and Final design. The 60 percent submittal includes the plans and technical specifications. The 90 percent submittal incorporates comments from the District and associated revisions to the design documents. The Final submittal incorporates and adjudicates all District comments and complies with District and Engineer's quality standards. An Engineer's Estimate of Probable Construction Cost is included at each design level.

Workshops are held to review the 60 percent and 90 percent design documents. Teleconference or Web-hosted meetings between the design team and District staff are conducted as-needed during the detailed design process.

Assumptions:

- No site visits are expected since previous site inspections completed are considered sufficient for this design modification effort.
- As-built drawings already received along with previously completed survey work and previously completed potholing work are believed to be sufficient for completing this design modification effort. No additional survey or potholing work is expected to be required.
- District provides one set of consolidated comments within two weeks from receipt of design package.
- The 60 and 90 percent design workshops will be conducted virtually. Engineer has budgeted four (4) hours for each of the workshops and includes virtual attendance by Engineer's Project Manager and Design Manager.

- Previously completed 'Front End' Divisions 00 and 01 specifications are to remain unchanged except for technical content modifications for sections identified herein.
- Engineering services during construction are not included in this scope of services.
- For the purposes of this scope of work it is assumed that a single construction package will be completed for improvements associated with both pump stations.

Deliverables:

- Interim construction drawings and technical specifications (60 and 90 percent) for review by the District in .pdf format
- Written responses to District review comments
- Updated structural calculations in PDF format (submitted with the 90 percent package)
- 60 percent and 90 percent workshops: agenda, presentation materials, and meeting minutes (draft and final)
- One set of final construction drawings and specifications, electronically signed and stamped by registered California professional engineers, in .pdf format
- Estimates of probable Construction Cost will be provided, per ACCE, with each of the following deliverables:
 - 60 percent design submittal (Class 3 estimate)
 - 90 percent design submittal (Class 2 estimate)
 - Final design submittal (Class 1 estimate)

Task 3: Permitting Support

As part of the design process, the Engineer shall support the District in updating Bay Area Air Management District (BAAQMD) permit documentation for both NPS and IPS locations. Since the District received an exemption for both sites as part of the previous 100 percent design, the permitting effort is expected to be limited to coordinating with BAAQMD for the new replaced technology. This effort may include attending virtual meetings with the District and the BAAQMD, completing necessary updated documentation for District submittal to BAAQMD and supporting response to BAAQMD questions and comments.

The District prepared and filed a Notice of Exemption for the project per the requirements of the California Environmental Quality Act. It is not anticipated that any revisions to Specification Section 00810, CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA), will be required unless the location of the odor control system at NPS is to be changed.

Assumptions:

- The Engineer has budgeted four (4) hours to review and respond to BAAQMD comments for each pump station.
- The Engineer has budgeted two (2) hours each for the Project Manager and Permitting Lead to attend one meeting with BAAQMD. All meetings are assumed to be virtual.
- The undisturbed area at NPS will require a biological study for burrowing owl species. This is stipulated in Specification Section 00810, CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA). If the new carbon adsorption odor control system at NPS is to remain where the proposed biofilter was to be located no change to this specification section is expected.
- The District will sign and submit all permit or exemption documentation and pay any required permit fees.

Deliverables:

- Completed BAAQMD permit or exemption documentation for each pump station (draft and final)
- Written responses to BAAQMD comments

Task 4: Bid Support

Provide bid support to the District by preparing responses to contractor questions and developing addenda.

Assumptions:

- The Engineer has budgeted for development of one addendum.
- The Engineer has budgeted for the evaluation of bids.
- Development of a conformed bid set and Contract documentation are not included in the Engineer's budget.

Deliverables:

- One addendum.pdf format

Task 5: Project Management

Engineer shall initiate and manage project activities, schedule and budget, change management, and plan work to complete activities in an integrated and timely manner. Project management activities include progress monitoring, project team coordination, health and safety stewardship, project administration, and project quality control

management. Engineer shall conduct bi-weekly conference calls, or as needed with the District’s project manager to discuss status and any project issues.

Assumptions:

- Engineer has budgeted for project management based on a 7-month project duration from NTP to final deliverable.
- The District will make available key representatives from Engineering, Operations and Maintenance team, District decision-makers, and other stakeholders (if desired).

Deliverables:

- Monthly invoices with summary of work completed
- Quarterly schedule updates, or as needed
- Bi-weekly calls with the District project manager, or as needed

4. PAYMENT TO THE ENGINEER

Payment to the Engineer shall be as described in Article 2 of the Agreement. The not-to-exceed amount for Amendment No. 2 to Task Order No. 2 is \$280,084. 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 Agreement:

Task Order / Amendment	Not to Exceed Amount	Board Authorization Required?	District Staff Approval
Task Order No. 1 – Basis of Design	\$98,675	No	Paul Eldredge
Task Order No. 2 – Detailed Design	\$638,983	Yes	Paul Eldredge
Amendment No. 1 to Task Order No. 2 – Detailed Design	\$23,930	No	Raymond Chau
Amendment No. 2 to Task Order No. 2 – Detailed Design	\$280,084	Yes	Paul Eldredge
Total	\$1,041,672		

5. TIME OF COMPLETION

All work defined in the Amendment shall be completed in 250 calendar days after execution of this Amendment and subject to the conditions of Article 3 of this Agreement. A summary of the anticipated milestones is as follows:

Notice to Proceed	April 2023
Kick-Off Meeting	May 2023
Draft Concept Design Report & Workshop	June 2023
Final Concept Design Report	July 2023
60% Design Documents & Workshop	September 2023
90% Design Documents & Workshop	October 2023
Final Design	November 2023
Bid Support Services	December 2023

6. KEY PERSONNEL

Engineering personnel assigned to this Amendment No. 2 to Task Order No. 2 are as follows:

<u>Role</u>	<u>Key Person to be Assigned</u>
Project Manager	Makarand Pendse
Design Manager	Scott Cowden

Key personnel shall not change except in accordance with Article 8 of the Agreement.

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

IN WITNESS WHEREOF, the parties hereto have made and executed this Amendment No. 2 to Task Order No. 2 as of _____ and therewith incorporated it as part of the Agreement.

DISTRICT

ENGINEER

UNION SANITARY DISTRICT

JACOBS ENGINEERING GROUP INC.

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

By: _____
Susan Dennis, P.E.
Designated Project Executive

Date: _____

Date: _____

EXHIBIT A

Fee Schedule		\$ 259	\$ 270	\$ 163	\$ 111	\$ 179	\$ 141	\$ 270	\$ 247	\$ 95	\$ 209	\$ 104	\$ 189	\$ 111	\$ 210	\$ 175	\$ 143	\$ 229	\$ 146	\$ 160	\$ 94	\$ 78	\$ 112			
Union Sanitary District Pump Stations Improvements Project Odor Control System Redesign		Project Manager	Design Manager	Structural Sr	Structural Jr	Civil Sr	Civil Jr	Process QA/QC	Mechanical Sr	Mechanical Jr	Electrical Sr	Electrical Jr	I&C Sr	I&C Jr	Corrosion	Geotech	Geotech Jr	Estimating	Specs	Project Automation Lead	CAD Sr	CAD Jr	Admin	Subconsultant	Expenses	
Task Description	Makarand Pendse	Scott Cowden	Carl Koester	Logan King Jr	Matt Baldwin	Sam Chandler	Scott Cowden	John Siczka	Ben Waldorf	Brian Pilmer	Mariaah Alexander	Jerry Nordal	Michelle Winnett	Craig Van Horn	Paul Davis	Andrew Mayer	Tom Jones	Kathleen Malin	Rob Cowan	Jen Boss	Nicholas Huber	Shireen Dalton				
1 Concept Design Effort	75 Hrs	116 Hrs	24 Hrs	89 Hrs	15 Hrs	118 Hrs	32 Hrs	229 Hrs	43 Hrs	18 Hrs	89 Hrs	13 Hrs	58 Hrs	7 Hrs	13 Hrs	4 Hrs	66 Hrs	120 Hrs	67 Hrs	305 Hrs	305 Hrs	42 Hrs				
1.1 Kickoff Meeting	10 Hrs	18 Hrs	0 Hrs	2 Hrs	0 Hrs	2 Hrs	2 Hrs	28 Hrs	2 Hrs	0 Hrs	2 Hrs	0 Hrs	2 Hrs	2 Hrs	4 Hrs	0 Hrs	0 Hrs	4 Hrs	0 Hrs	0 Hrs	0 Hrs	4 Hrs			\$18,174	
1.2 Develop concept design report	2	4						4	2																\$2,774	
1.3 Concept Design Workshop	2	6		2		2	2	16			2		2	2	2			2				4	\$ -	\$ -	\$9,069	
2 Detailed Design	6	8						8							2			2							\$6,331	
2.1 60% Drawing Production & Engineers Estimate	12 Hrs	86 Hrs	24 Hrs	83 Hrs	15 Hrs	112 Hrs	30 Hrs	195 Hrs	41 Hrs	18 Hrs	83 Hrs	13 Hrs	52 Hrs	3 Hrs	9 Hrs	4 Hrs	66 Hrs	104 Hrs	67 Hrs	305 Hrs	305 Hrs	26 Hrs			\$238,019	
2.2 60% Workshop		32	11	38	7	51	14	74	19	8	38	6	24	1	4	2	30	30	31	139	139	12	\$ -	\$ -	\$98,705	
2.3 90% Drawing Production & Engineers Estimate	6	8						16																	\$7,661	
2.4 90% Workshop		19	7	23	4	31	8	45	11	5	23	3	14	1	2	1	18	50	18	83	83	7	\$ -	\$ -	\$63,893	
2.5 100% Drawing Production & Engineers Estimate	6	8						16																	\$7,661	
3 Permitting Support		19	7	23	4	31	8	45	11	5	23	3	14	1	2	1	18	24	18	83	83	7	\$ -	\$ -	\$60,099	
3.1 Permitting Support	2 Hrs	6 Hrs	0 Hrs	0 Hrs	0 Hrs	0 Hrs	0 Hrs	2 Hrs	0 Hrs	0 Hrs	0 Hrs	0 Hrs	0 Hrs	0 Hrs	0 Hrs	0 Hrs	0 Hrs	0 Hrs	0 Hrs	0 Hrs	0 Hrs	0 Hrs			\$2,632	
4 Bid Support		2	6					2																		\$2,632
4.1 Addendum Preparation	4 Hrs	6 Hrs	0 Hrs	4 Hrs	0 Hrs	4 Hrs	0 Hrs	4 Hrs	0 Hrs	0 Hrs	4 Hrs	0 Hrs	4 Hrs	2 Hrs	0 Hrs	0 Hrs	0 Hrs	12 Hrs	0 Hrs	0 Hrs	0 Hrs	0 Hrs			\$7,684	
4.2 Bid Evaluation		4		4		4		4			4		4	2				12								\$6,626
5 Project Management		2																								\$1,058
5.1 Project Setup	47 Hrs	0 Hrs	0 Hrs	0 Hrs	0 Hrs	0 Hrs	0 Hrs	0 Hrs	0 Hrs	0 Hrs	0 Hrs	0 Hrs	0 Hrs	0 Hrs	0 Hrs	0 Hrs	0 Hrs	0 Hrs	0 Hrs	0 Hrs	0 Hrs	12 Hrs			\$13,575	
5.2 Ongoing PM activities, weekly calls and meeting		2																				6	\$ -	\$ -	\$1,189	
5.3 Project Closeout		42																				6	\$ -	\$ -	\$10,938	
		3																				6	\$ -	\$ -	\$1,448	
Professional services would be invoiced on a monthly basis at billing rates calculated using a raw labor (hourly salary) multiplier of 2.7, with a minimum billing rate of \$75 per hour																							Grand Total		\$280,084	

Assumptions:
Existing Utility survey data, Pothing data and GI data will be used and no additional data collection is provided for in this proposal
Other Assumptions used in developing this fee schedule are listed in the scope of services.



**APRIL 24, 2023
BOARD OF DIRECTORS MEETING
AGENDA ITEM # 9**

TITLE: Award Hauling & Disposal of Sewer Debris Contract to Compactor Management Company (*This is a Motion Item*)

SUBMITTED: Paul R. Eldredge, General Manager/District Engineer
Armando Lopez, Treatment and Disposal Services Work Group Manager
Mitchell Costello, Treatment Plant Operations Coach
Marcus Lee, Treatment Plant Operations Coach

Recommendation

Authorize the General Manager to execute a 3-year contract with Compactor Management Company, which includes the option of two additional 1-year extensions for transportation and disposal of sewer debris and grit.

Discussion

The District’s existing hauling & disposal contract with S&S Trucking is set to expire on June 30, 2023. An Invitation for Bid (IFB) was issued on March 3, 2023, to select a service provider for a new 36-month term from July 1, 2023 through June 30, 2026, with the option of two additional 1-year extensions. The first extension term (if exercised) will be from July 1, 2026, through June 30, 2027.

Staff received bids from Cal Inc., Compactor Management Company, and S&S trucking. All three bid submissions met the minimum requirements and are currently registered with the California Department of Industrial Relations (DIR). The three-year total bid results are summarized in the following table:

Company Name	Total Contract Cost
Cal Inc	\$ 1,504,104.00
Compactor Management Company	\$ 297,900.00
S&S Trucking	\$ 321,075.00

As Compactor Management Company's bid is the lowest responsive bid, Staff recommends that the Board authorize the General Manager to execute the 36-month agreement with two one-year optional extensions.

Background

Over the last couple of years, the average of sewer debris volume that the District received and disposed of was 880,000 lbs. This is an increase of approximately 228,000 lbs. since the improved bar screens were installed and placed in operation at the headworks. This would equate to an improved removal rate of 35%.

Previous Board Action

None



USD TREAT
PROTECT
PRESERVE
est. 1918
TRI-CITY WASTEWATER

Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

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

Karen W. Murphy
Attorney

APRIL 24, 2023
BOARD OF DIRECTORS MEETING
AGENDA ITEM # 10

TITLE: Authorize the General Manager to Execute a Memorandum of Agreement to Participate in the Regional Purified Water Pilot Project Phase 2 – Public Outreach and Grant Funding Opportunities (*This is a Motion Item*)

SUBMITTED: Paul R. Eldredge, General Manager/District Engineer
Karen W. Murphy, General Counsel

Recommendation

Staff recommends the Board of Directors authorize the General Manager to execute a Memorandum of Agreement to participate in the Regional Purified Water Pilot Project Phase 2 – Public Outreach and Grant Funding Opportunities.

Discussion

USD has been collaborating with Dublin San Ramon Services District (DSRSD), Alameda County Water District (ACWD), Zone 7 Water Agency, City of Livermore, Livermore-Amador Valley Water Agency, and (LAVWMA) on the potential development of a Regional Purified Water Pilot Project (Pilot Project). Based on the results of an initial feasibility study (Phase 1), the six agencies have all expressed interest in moving forward with Phase 2 of the Pilot Project, which would focus on public outreach and education efforts in addition to identifying grant funding opportunities.

A Memorandum of Agreement has been developed to formalize DSRSD, ACWD, Zone 7 Water Agency, Livermore, LAVWMA, and USD's commitment to collaborating on Phase 2 of the Pilot Project, which includes cost-sharing on the preparation of a Public Outreach Plan with the assistance of a hired consultant.

The key terms of the Memorandum of Agreement include:

- All parties would agree to work cooperatively on the Public Outreach Plan and share relevant engineering and operational data.

- ACWD would serve as the contract administrator and be responsible for procuring and managing the Public Outreach Plan consultant.
- The parties, not including LAVWMA, would collectively contribute a total of \$120,000 towards the funding of the Public Outreach Plan. The parties may also seek additional outside funding for the Public Outreach Plan. USD's cost-sharing portion would be \$20,000. LAVMWA would not contribute funding since DSRSD and City of Livermore are participating and contributing funding separately.

Phase 2 is anticipated to take 12 to 18 months to complete. At the completion of Phase 2, the parties would review the results and evaluate potential interest in implementing future phases of the Pilot Project. Participation in Phase 2 does not obligate any party to participate in future phases of the Pilot Project. USD staff would seek Board input and direction prior to participating in any future phases of the Pilot Project.

Staff recommends that the Board of Directors authorize the General Manager to execute a Memorandum of Agreement for USD to participate and contribute \$20,000 in funding for the development of a Public Outreach Plan as part of Phase 2 of the Pilot Project. The funding has been budgeted in the current FY budget.

Background

USD has been in discussions with DSRSD and ACWD since 2021 exploring regional purified water project concepts in collaboration with other regional partner agencies. Purified water, or potable reuse, is produced using advanced treatment technologies to purify treated wastewater effluent to a high quality that is suitable for augmenting drinking water sources and is widely being explored by Bay Area water agencies to improve long-term water supply reliability and drought resiliency for the region.

The recommended treatment processes for the pilot were designed to meet potable reuse water quality standards that are protective of public health as detailed in the California Code of Regulations (CCR), Title 22. In 2022, ACWD, DSRSD, Zone 7, LAVWMA, City of Livermore, and USD (Study Partners) completed an Alternative Water Supply Study – Regional Purified Water Pilot Concept Technical Memorandum (Phase 1 study).

The concept of the Pilot Project would be to purify treated wastewater from DSRSD and the City of Livermore at a temporary advanced water purification facility located at the LAVWMA export facilities (near the DSRSD plant). Currently, treated wastewater from Livermore's Water Reclamation Plant combines with treated wastewater from DSRSD's Wastewater Treatment Plant for discharge to San Francisco Bay. The Pilot Project would discharge approximately 0.2 million gallons per day of purified water into a nearby canal to supplement flows in Alameda Creek before ultimately being diverted by ACWD for groundwater recharge at the Quarry Lakes.

The Pilot Project would operate year-round with flows from DSRSD and Livermore, or seasonally with flows from only DSRSD. The purpose of the Pilot Project is to be a proof of concept that would demonstrate and build awareness around the benefits of purified water and regional collaboration and allow for the collection of data that could be used to inform

potential full-scale reuse efforts. The Pilot would establish multiple beneficial uses of the concept including (1) reduced effluent discharges to the San Francisco Bay, (2) enhanced streamflow in Alameda Creek potentially benefiting resident threatened species, and (3) enhanced water supply. The concept would also leverage existing resources and infrastructure including DSRSD treatment facilities and ACWD's recharge facilities.

Based on the results of the Phase 1 study, the Study Partners expressed interest in moving forward with Phase 2 of the Pilot Project. Phase 2 involves initiating public outreach and education efforts to assess public acceptability around the Pilot Project and purified water projects in general. Phase 2 would also monitor funding opportunities that could be used to support public outreach efforts and potential future phases of the project.

Previous Board Action

None

Attachments

DSRSD Site Map

Regional Purified Water Fact Sheet

Memorandum of Agreement

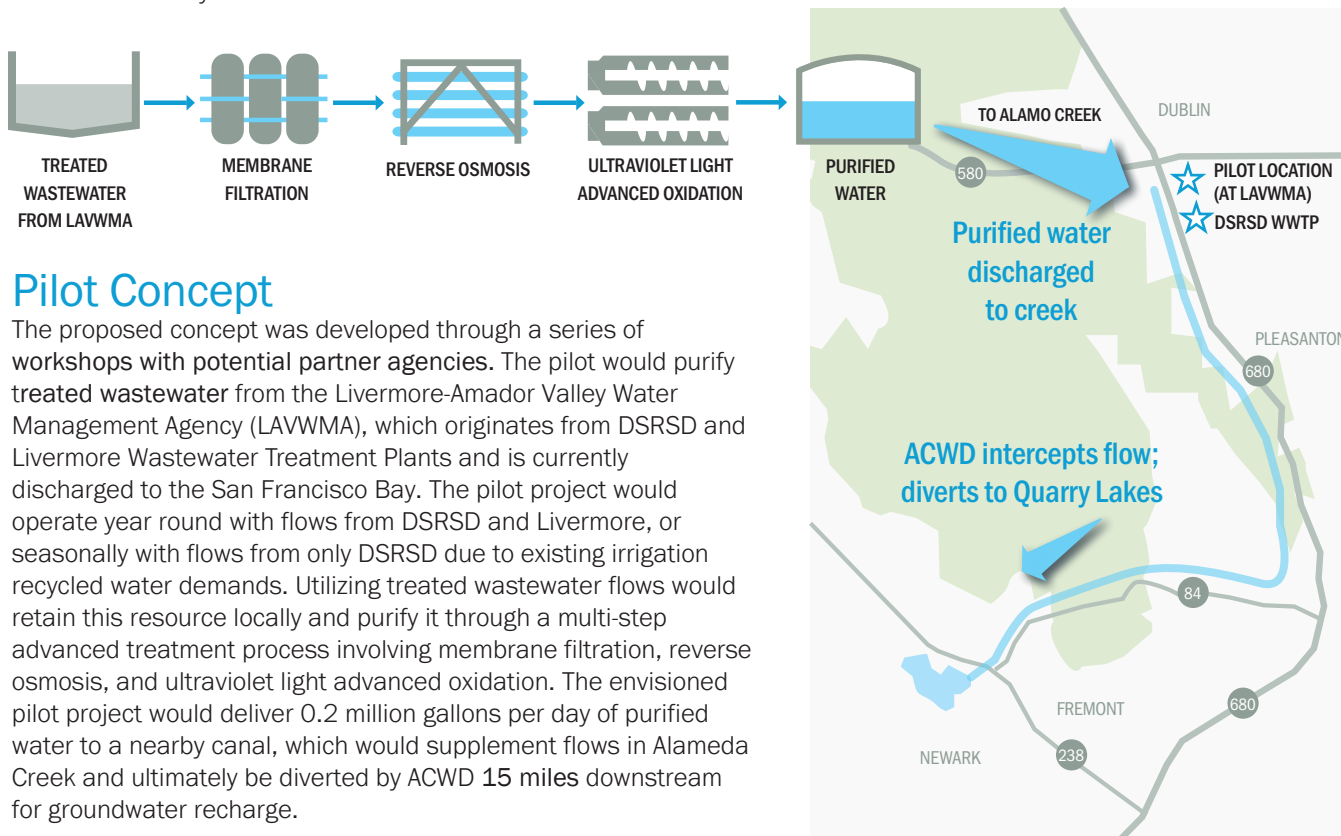


- DSRSD + Livermore Junction Box
- LAVWMA Export Pump Station
- Purified Water Pilot (Proposed)
- Alamo Canal
- Line G-1-1
- Flow Path to Line G-1-1
- Monitoring Location (M-003)

Regional Purified Water Pilot Project

Dublin San Ramon Services District (DSRSD) and Alameda County Water District (ACWD) are studying the potential to develop a purified water pilot project in collaboration with other Bay Area water and wastewater agencies. The pilot would leverage existing resources and infrastructure to demonstrate and build public awareness around the benefits of purified water and regional collaboration.

Purified Water is one of multiple water supply options being explored by Bay Area agencies to improve long-term water resiliency for the region. Purified water is produced using advanced treatment technologies to purify treated wastewater effluent to a high quality that is suitable for augmenting drinking water sources. Purified water is a new, locally available and sustainable supply that makes use of a resource that would otherwise be discharged to San Francisco Bay.



Pilot Concept

The proposed concept was developed through a series of workshops with potential partner agencies. The pilot would purify treated wastewater from the Livermore-Amador Valley Water Management Agency (LAVWMA), which originates from DSRSD and Livermore Wastewater Treatment Plants and is currently discharged to the San Francisco Bay. The pilot project would operate year round with flows from DSRSD and Livermore, or seasonally with flows from only DSRSD due to existing irrigation recycled water demands. Utilizing treated wastewater flows would retain this resource locally and purify it through a multi-step advanced treatment process involving membrane filtration, reverse osmosis, and ultraviolet light advanced oxidation. The envisioned pilot project would deliver 0.2 million gallons per day of purified water to a nearby canal, which would supplement flows in Alameda Creek and ultimately be diverted by ACWD 15 miles downstream for groundwater recharge.


Key Benefits of Purified Water Pilot

- Provides an **interactive public outreach opportunity**.
- Demonstrates the **safety and effectiveness of purified water technology**.
- **Collects data to inform future** full-scale regional purified water project options.
- Promotes **regional collaboration**.
- **Leverages existing infrastructure and makes use of wastewater** currently discharged to San Francisco Bay.

Small-scale treatment system (~50 ft x 60 ft)

\$2.3M Capital Cost (planning level estimate)


\$340,000 O&M for a two-year pilot



0.2MGD

2-year pilot project

Grant funding potentially available



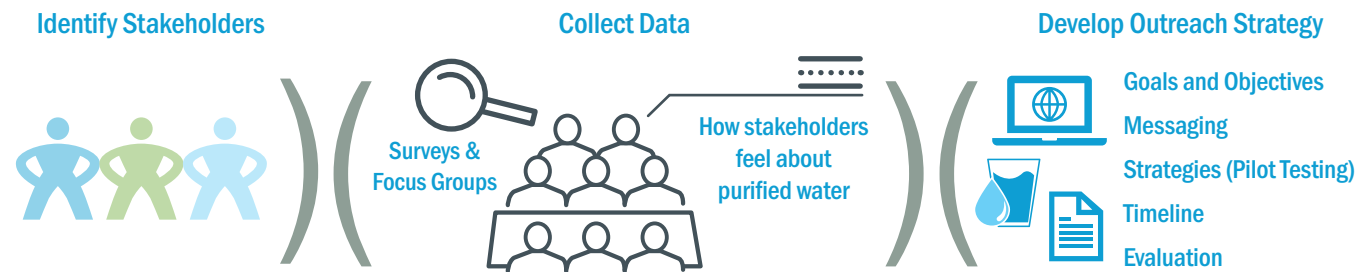
Potential Partner Agencies

These agencies have provided input to develop the pilot concept and are evaluating potential participation in Phase 2 to further advance the project.

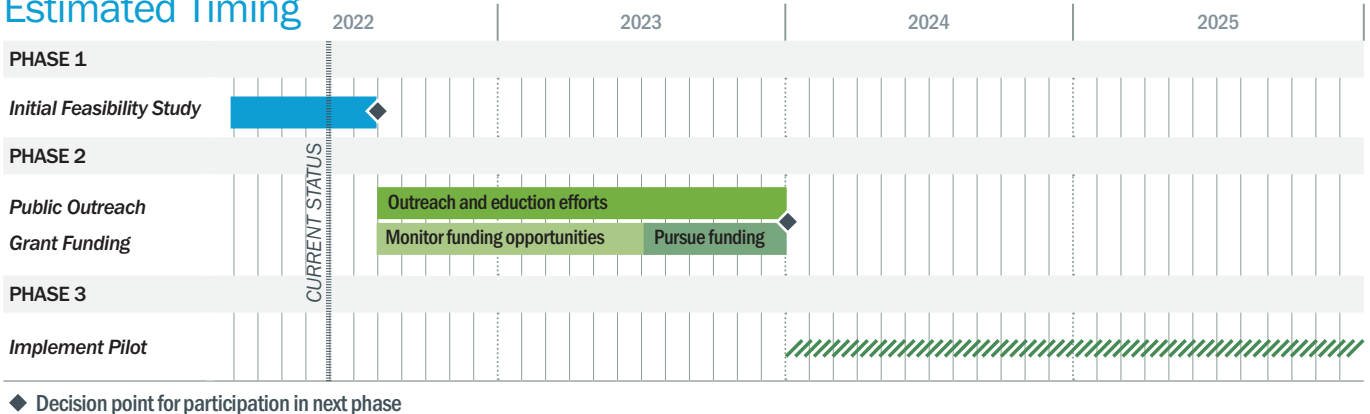
- Alameda County Water District
- City of Livermore
- Dublin San Ramon Services District
- Livermore-Amador Valley Water Management Agency
- Union Sanitary District
- Zone 7 Water Agency

Public Outreach and Education

The pilot would be designed to enable public tours and other interactive outreach components—such as displaying real-time water quality data and producing purified water on-site.

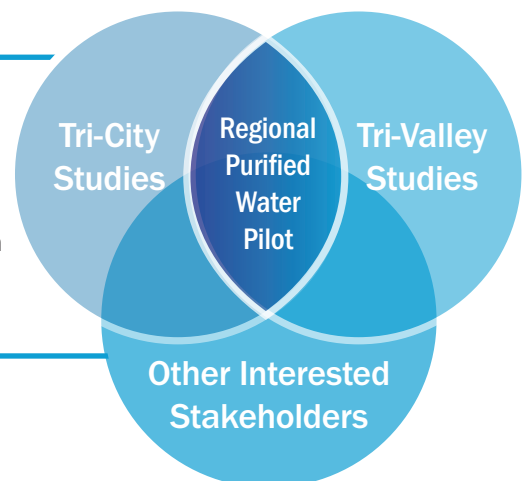


Estimated Timing



Regional Collaboration

The purified water pilot would bring together partners currently involved in other ongoing regional efforts and build upon both the Tri-City and the Tri-Valley studies. The purified water pilot would benefit these ongoing efforts and the broader region by performing public outreach and education and collecting data to inform future full-scale reuse efforts and/or water transfer or exchange partnerships in the Bay Area.



**MEMORANDUM OF AGREEMENT
BETWEEN**

**ALAMEDA COUNTY WATER DISTRICT
ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION
DISTRICT - ZONE 7
CITY OF LIVERMORE
DUBLIN SAN RAMON SERVICES DISTRICT
LIVERMORE- AMADOR VALLEY WATER MANAGEMENT AGENCY
AND
UNION SANITARY DISTRICT**

TO

**PARTICIPATE IN THE REGIONAL PURIFIED WATER PILOT PROJECT PHASE 2
PUBLIC OUTREACH AND GRANT FUNDING OPPORTUNITIES**

THIS MEMORANDUM OF AGREEMENT ("Agreement"), made in the State of California on this ___ day of _____, 2023, is by and between the Alameda County Water District ("ACWD"), the Alameda County Flood Control and Water Conservation District - Zone 7 ("Zone 7 Water Agency" or "Zone 7"), the City of Livermore ("Livermore"), the Dublin San Ramon Services District ("DSRSD"), the Livermore-Amador Valley Water Management Agency ("LAVWMA"), and Union Sanitary District ("USD"), referred collectively herein as the "Parties" and singularly as a "Party".

This Agreement sets forth the respective roles and responsibilities of ACWD, Zone 7, Livermore, DSRSD, LAVWMA, and USD in regard to the Regional Purified Water Pilot Project Phase 2 - Public Outreach and Grant Funding Opportunities (hereinafter referred to as "Phase 2 Efforts").

RECITALS

1. WHEREAS, the Parties own and operate independent water and/or wastewater systems that collectively serve the needs of over 600,000 residents and businesses in the eastern portion of the San Francisco Bay Region; and
2. WHEREAS, purified water is one of multiple water supply options being explored by Bay Area agencies to improve long-term water supply reliability and drought resiliency for the region; and
3. WHEREAS, DSRSD and ACWD are studying the potential to develop a regional purified water pilot project ("Purified Water Pilot") in collaboration with Zone 7, Livermore, USD, and LAVWMA; and
4. WHEREAS, the Purified Water Pilot would purify treated wastewater from DSRSD and Livermore at a new temporary advanced water purification facility located at the

LAVWMA export facilities, where treated wastewater from Livermore's Water Reclamation Plant combines with treated wastewater from DSRSD's Wastewater Treatment Plant for discharge to San Francisco Bay; and

5. WHEREAS, the Purified Water Pilot would discharge approximately 0.2 million gallons per day of purified water into a nearby canal to supplement flows in Alameda Creek before ultimately being diverted by ACWD for groundwater recharge at Quarry Lakes; and
6. WHEREAS, the Purified Water Pilot would (1) leverage existing resources and infrastructure to demonstrate and build public awareness around the benefits of purified water and regional collaboration and (2) allow for collection of data that could be used to inform potential full-scale water reuse efforts in the region; and
7. WHEREAS, DSRSD, with input from the other Parties, has completed an initial feasibility study of the Purified Water Pilot (Phase 1), which provides an overview of the proposed pilot concept and outlines various technical and institutional issues, preliminary cost estimates, and recommendations for developing the Purified Water Pilot in multiple phases; and
8. WHEREAS, the Parties desire to proceed with Phase 2 of the Purified Water Pilot, which involves initiating public outreach and education efforts to assess public acceptability around the Purified Water Pilot and more generally, purified water projects, and monitoring funding opportunities that could be used to support public outreach efforts and potential future phases of the project.

NOW, THEREFORE, in consideration of the recitals and mutual obligations of the Parties herein expressed, the Parties agree as follows:

1. PREAMBLE

The Parties have agreed to study the potential to develop a Purified Water Pilot. The next phase of the study (Phase 2) involves preparation of a Public Outreach Plan under which the Parties, with the assistance of a Consultant, will initiate public outreach efforts to inform and educate the public about purified water. The Public Outreach Plan will be used to assess public acceptability around purified water projects and identify issues and concerns that may need to be addressed in potential future phases of the project. The Parties are committed to implementing Phase 2 Efforts. Participating in Phase 2 Efforts does not obligate any Party to participate in future phases of the Purified Water Pilot.

The Parties have agreed to conduct Phase 2 Efforts in an inclusive manner that encourages voluntary participation by the Parties as well as other interested persons or organizations in the Bay Area. The Parties also understand that there are other purified water projects and concepts being developed within the Bay Area region in parallel with or completely outside of this effort. Such efforts are not subject to the terms of this Agreement.

2. DEFINITIONS

- a) "Consultant" - A consulting firm, engineering firm, or public outreach firm retained to provide services for the Public Outreach Plan.
- b) "Contract" - Contract between the Contracting Entity, as designated by the Parties, and a Consultant that will be utilized for preparing the Public Outreach Plan.
- c) "Contracting Entity" - the specific Party who will serve as the entity that enters into a contract with a Consultant hired to prepare the Public Outreach Plan.
- d) "Cost-Contributing Party" – A Party listed in Attachment 2 that is contributing funds to prepare the Public Outreach Plan.
- e) “Non-Cost Contributing Party” – A Party listed in Attachment 2 that is not contributing funds to prepare the Public Outreach Plan.
- f) "Phase 2 Efforts" - Regional Purified Water Pilot Project Phase 2 - Public Outreach and Monitoring of Grant Funding Opportunities.
- g) "Project Staff Time" - Staff and management time from one or more Party that is necessary for conducting the general project management and other duties as assigned under this Agreement.
- h) “Public Outreach Plan” - Public outreach and education efforts initiated as part of Phase 2 of the Purified Water Pilot.

3. TERM

- a) This Agreement shall become effective upon its execution by the Parties.
- b) This Agreement will terminate on December 31, 2024 or when all obligations under this Agreement have been performed, whichever occurs first, unless this Agreement is cancelled pursuant to Article 8, Cancellation.
 - i Payment obligations under Article 7, Cost Sharing and Payment, and Article 8, Cancellation, and obligations under Article 9, Hold Harmless, Indemnification and Remedies, shall survive cancellation or termination of this Agreement until obligations are satisfied.

4. PURPOSE

The purpose of this Agreement is to:

- a) Define the roles and responsibilities of each Party for Phase 2 Efforts. All work associated with Phase 2 Efforts is to be conducted in accordance with this Agreement.
- a) Establish the guidelines and principles for cost sharing between the Parties.

- b) Establish procedures for incurring costs such as contracting and payment of Consultants.
- c) Establish procedure for seeking reimbursement from the other Parties of costs incurred by a Party for payment of Consultants.

5. WORK TO BE PERFORMED

The Public Outreach Plan will be developed with the cooperative input from the Parties and a hired Consultant and is generally anticipated to include development of an outreach strategy, conducting surveys and interpreting results, and preparation of outreach and education materials. As provided for in Article 6 of this Agreement, the Parties will designate a Party to be the Contracting Entity to enter into an agreement with a Consultant for preparation of the Public Outreach Plan. Work to be performed by each Party is described in Article 6 and Attachment 2 of this Agreement.

6. RESPONSIBILITIES OF THE PARTIES

The Parties shall have unique responsibilities identified in Attachment 1 and will provide a funding commitment that can be used for cost sharing in the amounts shown in Attachment 2.

General responsibilities of all Parties are as follows:

- a) Work cooperatively on Phase 2 Efforts.
- b) Commit staff time to work with staff from other Parties and the selected Consultant to develop the Public Outreach Plan.
- c) Provide public affairs, management, and engineering oversight and review of the Public Outreach Plan.
- d) Conduct general work that is needed in support of the Public Outreach Plan. These efforts may include providing information to apply for grant funding for the Public Outreach Plan, individual agency website updates, and outreach services.
- e) Share relevant engineering, permitting, regulatory and operational information with other Parties for the benefit of Phase 2 Efforts.
- f) Provide access to facilities and operational data that may be needed for Phase 2 Efforts. Access to facilities will be consistent with, and will follow, the facility owner's standard safety and notification requirements.

The Parties hereby designate ACWD as the Contracting Entity under this Agreement. The Contracting Entity shall be responsible for entering into a contract with a Consultant to prepare the Public Outreach Plan. The Contracting Entity shall conduct a Consultant procurement process that satisfies its own internal Consultant procurement policies/criteria and includes Cost-Contributing Parties in the selection of a Consultant. All Cost-Contributing Parties will have equal representation in the selection process.

The Contracting Entity shall conduct all Consultant administrative and management duties including receiving and verifying Consultant invoices. Invoices received from the Consultant will be sent to the other Cost-Contributing Parties for approval. Consultants will be paid in accordance with the Contracting Entity's internal process after the invoices are approved by other Cost-Contributing Parties. Approval of the invoice will be assumed if no comments or disputes are received from any individual Cost-Contributing Party within five (5) working days of when said Cost-Contributing Party received a copy of the invoice. If there are disputes, the Contracting Entity will take necessary actions that are developed through agreement of all Cost-Contributing Parties to resolve them with the Consultant. If the disputes cannot be resolved within a reasonable time, and the Contracting Entity is obligated to pay the Consultant charges, the costs will be shared equally by the Cost-Contributing Parties.

- a) Each Cost-Contributing Party shall provide one staff member to serve on the panel assembled to select a Public Outreach Plan preparation Consultant. The Parties agree that the selected Consultant will be determined using the selection criteria established in the Request for Proposals and based on the Consultant who receives the highest ranking based on that criteria.
- b) Each Party shall allow the Party assigned as the Contracting Entity to negotiate the selected Consultant's budget and hold all managerial and administrative responsibilities regarding the management of the selected Consultant.
- c) Consultants hired on behalf of the Parties shall be required to indemnify all Parties and name all Parties as insured in the contract with the Contracting Entity.
- d) The Contracting Entity shall share invoices with the Cost-Contributing Parties in a timely manner for their review and comment. Invoices will include details of hours worked and tasks completed. As detailed in Article 7(c), invoices shall be provided as informational documentation, although payment of Contractor invoices shall be made solely by the Contracting Entity.
- e) Cost-Contributing Parties shall promptly review invoices for approval upon receipt of information from other Parties, report disputes to the Contracting Entity within five (5) working days of receipt of the invoices, and cooperate with other Cost-Contributing Parties in resolving disputes.
- f) All Cost-Contributing Parties will cooperate to resolve any payment/cost-sharing/accounting issues.

7. COST SHARING AND PAYMENT

Each Cost-Contributing Party shall pay the Contracting Entity the funding commitment amount shown in Attachment 2 of this Agreement. The Cost-Contributing Parties agree that the total financial contribution toward the preparation of the Public Outreach Plan shall not exceed \$120,000. The Parties may apply for additional grant funding to assist with the cost of developing the Public Outreach Plan. The balance of any monies remaining following the completion of the Public Outreach Plan shall be returned to the Parties.

In the event that anticipated grant funding is not obtained or if the Public Outreach Plan cannot be completed for the cost of the total funding compiled from the Cost-Contributing Parties and additional grants, the Parties shall meet to discuss whether to (1) modify the scope of work based on the total funding compiled or (2) negotiate an amendment to this Agreement that covers the scope of work and additional funding needed by the Cost-Contributing Parties to complete the Public Outreach Plan. Work will not proceed until there is mutual agreement by the Parties on the scope of work and total funding required from the Cost-Contributing Parties.

Cost sharing is based on the following principles:

- a) The Contracting Entity will collect the initial financial contribution as noted in Attachment 2. No Consultant procurement shall take place prior to collection of these funds.
- b) Initial contributions are to be kept in a separate account by the Contracting Entity and are to be used to cover Consultant invoices.
- c) Project Staff Time as incurred by one or more Party/ies to this Agreement is not reimbursable.
- c) The Contracting Entity will provide each Consultant invoice received to each Cost-Contributing Party as a means to record work progress, share budgetary status, and identify any disputes as detailed in Article 6.
- d) If, as based on the proposed Consultant's budget as compared with the total funding collected, there are monies remaining, those monies shall be considered as contingency funds. Contingency funds may be used to pay for cost overruns.
- e) If there is a cost overrun by the Consultant, the Parties will be contacted, and a proposed response or remedy will be identified. The Consultant's contract will clearly state that budget overruns will not be reimbursed without the express agreement of the Parties.
- f) Within ninety days following the completion of all work described in this Agreement, a cost true-up will be completed by Contracting Entity to determine the actual costs for the Public Outreach Plan. If the actual costs, after taking into account any grant funding received, add up to less than the funding commitment amount shown in Attachment 2, the Contracting Entity will refund each Cost-Contributing Party its proportionate share of the unused funds or, if the Cost-Contributing Parties subsequently agree to proceed with follow-up Public Outreach Plan work or activities, the unused funds may be expended on such efforts.

No work on the Public Outreach Plan shall commence until this Agreement has been executed by all Parties. If an individual Party chooses to terminate their participation under the terms of this Agreement, they will remain financially responsible for their contribution as detailed in Article 8, Cancellation.

8. CANCELLATION BY INDIVIDUAL PARTY

If an individual Party elects to terminate its participation in this Agreement, it may do so by delivering to each remaining Party a written notice of intention to terminate. Termination shall take effect five days following the receipt of notice by the other Parties. Termination of a Party from this Agreement shall not terminate this Agreement. No portion of the terminating Party's funding commitment provided under this Agreement for use in preparing the Public Outreach Plan shall be refunded to the terminating Party. If the staff of the terminating Party was providing a service to the Parties as detailed in Attachment 1, it shall be the responsibilities of the remaining Parties to assume that role or roles.

9. HOLD HARMLESS, INDEMNIFICATION AND REMEDIES

To the extent permitted by State law, each Party will indemnify, defend and hold all other Parties and their directors, officers, agents, and employees safe and harmless from any and all claims, suits, judgments, damages, penalties, costs, expenses, liabilities and losses (including without limitation, sums paid in settlement of claims, actual attorneys' fees, paralegal fees, consultant fees, engineering fees, expert fees and any other professional fees) that arise from or are related in any way to each Party's own negligent acts, errors or omissions, or willful misconduct, or those of its directors, officers, and employees, in the operation and/or performance of this Agreement.

10. DISPUTE RESOLUTION

Any claim that a Party may have against another Party or Parties regarding the performance of this Agreement including, but not limited to, claims for compensation will be submitted to the other Party or Parties. Parties will attempt to negotiate a resolution of such claim and if necessary, process an amendment to this Agreement or a settlement agreement to implement the terms of any such resolution.

11. AGREEMENT NOT A PRECEDENT

The Parties intend that the provisions of this Agreement will not bind the Parties as to the provisions of any future agreement between them. This Agreement was developed specifically for the specified terms set forth herein.

12. NOTICES

Any notice, demand, or request made in connection with this Agreement must be in writing and will be deemed properly served if delivered in person or sent by United States mail, postage prepaid, to the addresses and as specified in Attachment 3, Notices.

13. AMENDMENTS

No amendment or modification to this Agreement shall be valid unless executed in writing and approved by all Parties.

14. NO THIRD-PARTY BENEFICIARIES

No third-party beneficiaries are intended or created by this Agreement.

15. SEVERABILITY

If any term or provision of this Agreement is deemed invalid or unenforceable by a court of competent jurisdiction or by operation of any applicable law, it will not affect the validity of any other provision, which will remain in full force and effect.

16. COMPLETE AGREEMENT

Other than as specified herein, no document or communication passing between the Parties to this Agreement will be deemed to be part of this Agreement.

17. ASSIGNMENT

This Agreement is not assignable either in whole or in part, except upon mutual written consent of the Parties.

18. INTERPRETATION

This Agreement shall be deemed to have been prepared equally by all Parties, and its individual provisions shall not be construed or interpreted more favorably for one Party on the basis that the other Parties prepared it.

19. INTEGRATION

This Agreement represents the entire understanding of the Parties as those matters contained herein. No prior oral or written understanding shall be of any force or effect with respect to those matters covered hereunder.

20. TIME OF THE ESSENCE

Time is of the essence in this Agreement.

21. WAIVER

The waiver at any time by any Party of its right with respect to default or other matter arising in connection with this Agreement will not be deemed a waiver by that Party with respect to any subsequent default or matter.

22. GOVERNING LAW

This Agreement is governed by and will be interpreted in accordance with the laws of the State of California.

23. COUNTERPARTS

This Agreement may be executed in counterparts. Facsimile, email, digital, and electronic signatures shall be binding.

IN WITNESS WHEREOF, the Parties hereto have executed this Agreement the day and year first above written.

Dated: _____ ALAMEDA COUNTY WATER DISTRICT

By: _____
Ed Stevenson, General Manager

Approved as to Form:

ACWD Counsel

Dated: _____ ALAMEDA COUNTY FLOOD CONTROL AND
WATER CONSERVATION DISTRICT – ZONE 7

By: _____
Valerie Pryor, General Manager

Approved as to Form:

Zone 7 Counsel

Dated: _____

CITY OF LIVERMORE

By: _____

Scott Lanphier, Director of Public Works

Approved as to Form:

Livermore City Attorney

Dated: _____

DUBLIN SAN RAMON SERVICES DISTRICT

By: _____

Daniel McIntyre, General Manager

Approved as to Form:

DSRSD Counsel

Dated: _____

LIVERMORE-AMADOR VALLEY WATER
MANAGEMENT AGENCY

By: _____

Charles Weir, General Manager

Approved as to Form:

LAVWMA Counsel

Dated: _____

UNION SANITARY DISTRICT

By: _____

Paul Eldredge, General Manager

Approved as to Form:

USD Counsel

ATTACHMENT 1

WORK TO BE PERFORMED BY AGENCY STAFF

Work by agency staff is necessary to prepare and implement Phase 2 Efforts. The table below briefly details the task(s) assigned to the specific Parties:

AGENCY	WORK ASSIGNMENT
Alameda County Water District	<p>Adhere to the General Responsibilities as defined in Article 6 of the Agreement</p> <p>Act as lead agency on behalf of the Parties for entering into an agreement with the Consultant who will be responsible for preparing the Public Outreach Plan, and serving as the contract administrator on behalf of the Parties</p> <p>Monitor grant funding opportunities</p>
Alameda County Flood Control and Water Conservation District — Zone 7	Adhere to the General Responsibilities as defined in Article 6 of the Agreement
City of Livermore	Adhere to the General Responsibilities as defined in Article 6 of the Agreement
Dublin San Ramon Services District	<p>Adhere to the General Responsibilities as defined in Article 6 of the Agreement</p> <p>Act as lead agency in providing technical information related to the advanced water purification pilot facility and monitoring and preparing grant funding applications, if necessary</p>
Livermore-Amador Valley Water Management Authority	Adhere to the General Responsibilities as defined in Article 6 of the Agreement
Union Sanitary District	Adhere to the General Responsibilities as defined in Article 6 of the Agreement

ATTACHMENT 2

PUBLIC OUTREACH PLAN FUNDING COMMITMENT

AGENCY	COMMITMENT (\$)
Alameda County Water District	\$25,000
Alameda County Flood Control and Water Conservation District — Zone 7	\$25,000
City of Livermore	\$25,000
Dublin San Ramon Services District	\$25,000
Livermore-Amador Valley Water Management Agency (Non-Cost Contributing Party)	\$0 (a)
Union Sanitary District	\$20,000
TOTAL	\$120,000 (b)

- (a) LAVWMA is a Non-Cost Contributing Party since its member agencies, DSRSD and City of Livermore, are participating and contributing funding separately.
- (b) Note that additional outside funding for this effort may be sought. Any funds as may be secured shall be used in addition to, versus in substitution of, funding as provided by the Cost-Contributing Parties.

ATTACHMENT 3

NOTICES

Any notice, demand, or request made in connection with this Agreement must be in writing and will be deemed properly served if delivered in person or sent by United States mail, postage prepaid, to the addresses specified below:

AGENCY	SIGNATORY AUTHORITY	DELEGATED PROJECT CONTACT	MAILING AND EMAIL ADDRESS OF DELEGATED CONTACT
Alameda County Water District	Ed Stevenson	Thomas Niesar	Alameda County Water District 43885 S. Grimmer Blvd Fremont, CA 94538 Thomas Niesar Thomas.Niesar@acwd.com
Alameda County Flood Control and Water Conservation District — Zone 7	Valerie Pryor	Lillian Xie	100 North Canyons Parkway Livermore, CA 94551 lxie@zone7water.com
City of Livermore	Scott Lanphier	Anthony Smith	1051 South Livermore Avenue Livermore, CA 94550 awsmith@LivermoreCA.gov
Dublin San Ramon Services District	Daniel McIntyre	Jan Lee	7051 Dublin Boulevard Dublin, CA 94568 jlee@dsrsd.com
Livermore-Amador Valley Water Management Agency	Charles Weir	Charles Weir	7051 Dublin Boulevard Dublin, CA 94568 weir@lavmwa.com
Union Sanitary District	Paul Eldredge	Paul Eldredge	5072 Benson Road Union City, CA 94587 paule@unionsanitary.ca.gov



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TRI-CITY WASTEWATER

Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

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

Karen W. Murphy
Attorney

**APRIL 24, 2023
BOARD OF DIRECTORS MEETING
AGENDA ITEM # 11**

TITLE: Provide Direction Regarding District Website and Email Addresses (*This is a Direction Item*)

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

Recommendation

Receive information and provide direction regarding the District's website and email addresses.

Discussion

The Board approved the District's new brand logo and implementation plan at its regular meeting held July 11, 2022. At that same meeting, the Board directed staff not to modify the District's website and email addresses and to revisit the topic in April of 2023.

Below are some options for the Board's consideration:

- 1) Make no changes to the District's current website and email addresses.
- 2) Make no changes at this time and revisit at a later date, to be determined by the Board.
- 3) Explore changing the District's website and email addresses, details below.

Staff explored potential domain names for the District website and email addresses. Modifying the District's current ".ca.gov" nomenclature to anything other than unionsanitary turned out not to be an option. The Board may choose to retain the District's current website and email addresses or may choose to proceed with one of the following options currently available (listed in no particular order):

1. usdwastewater.org
2. usdww.org

3. wastewaterusd.org
4. usdtricityww.org
5. tricitywastewater.org
6. usdtricitywastewater.org

Alternately, usd.org is available for a price of \$50,000. Staff is not recommending this option due to the cost. However, if the Board would like to pursue, staff can offer a lower bid and potentially enter negotiations to attempt to secure the domain.

Background

None.

Previous Board Action

7/11/2022 Board Meeting – Approved the District’s New Brand Logo and Implementation Plan and Directed Staff to Revisit the District's Website and Logo in April 2023



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Anjali Lathi
Jennifer Toy

Officers
Paul R. Eldredge
General Manager/
District Engineer

Karen W. Murphy
Attorney

APRIL 24, 2023
BOARD OF DIRECTORS MEETING
AGENDA ITEM #12

TITLE: CAL-Card Quarterly Merchant Activity Report *(This is an Information Item)*

SUBMITTED: Paul R. Eldredge, General Manager/District Engineer
Mark Carlson, CFO, Business Services Work Group Manager
Skip Calvo, Purchasing Agent

Recommendation

Information only.

Discussion

Information only.

Background

The attached CAL-Card Merchant Spend Analysis details the CAL-Card activity for the third quarter of FY 2023. This covers transactions from the CAL-Card billing period December 23, 2022 through March 22, 2023. During this quarter, we had 263 transactions totaling \$110,036.78.

Previous Board Action

None.

Attachments

Union Sanitary District Cal-Card Report.

Union Sanitary District Cal-Card Report FY23 Q3

Vendor's Name	Purchase Description	Total	Transaction Date	Work Group	Team
Microsoft	(3) Surface Prop 9	\$6,723.33	2/2/2023	FMC	IT
4Imprint	Jackets/Shirts for staff related to District Rebranding	\$4,538.16	2/16/2023	TS	CST
Bay Central Printing	New logo gear (beanies & hats) for staff	\$4,076.21	3/6/2023	TS	CST
Global Industrial	Fireproof Safe	\$4,070.06	2/21/2023	GM	GM
Tramont	Solenoid Valves for Generator 7	\$2,764.00	1/31/2023	FMC	FMC
4Imprint	Longevity Staff Gifts	\$2,589.33	1/3/2023	GM	GM
Amazon	Adjustable trailer hitches for Collections vehicles	\$1,932.60	2/23/2023	CS	ST
Inventive Resources Inc.	Manhole Odor Eliminator Filters and Housing System	\$1,753.03	1/6/2023	CS	MTV
Jack Doheny	Pneumatic wheels and adapters	\$1,622.65	12/27/2022	CS	CT
Owen Equipment	Air Gap Adaptors for the three Vactor Combo Trucks	\$1,602.40	2/1/2023	CS	MTV
Celebration Party Equipment Rentals, Inc.	1st payment for Spring BBQ rental tent, tables, and chairs	\$1,487.00	3/9/2023	GM	GM
Western States	Replacement tool and battery	\$1,417.60	3/6/2023	CS	CT
Eastwood	Benchtop mill/drill press	\$1,386.51	3/1/2023	CS	ST
American Payroll Association	Training	\$1,379.00	3/16/2023	BS	FAST
IDEXX	Microbiology media	\$1,352.67	2/22/2023	T&D	R&S
Eastwood	Lathe, Shop	\$1,350.02	3/1/2023	CS	ST
Marriott	Lodging charges for Marcon Conference	\$1,324.36	3/10/2023	ETSU	ETSU
American Airlines	Flight to Marcon Conference	\$1,233.42	2/21/2023	ETSU	ETSU
BlueAir Inc	Air Purifiers & filters for FMC	\$1,187.20	2/9/2023	FMC	FMC
NASTT	No-Dig Conference Registration	\$1,125.00	2/11/2023	TS	CIP
Peterson Cat	Door Window, M6354	\$1,094.75	1/7/2023	CS	ST
CGA	CGA AC 2023	\$1,050.00	2/7/2023	CS	CS
Home Depot	Cement, Bricks	\$1,025.08	2/7/2023	CS	CT
Costco	Alvarado TV	\$1,000.00	2/16/2023	FMC	IT
CDWG	MS Surface Pro 8 and Accessories	\$995.22	3/17/2023	FMC	IT
CWEA	CWEA Conference	\$987.00	2/10/2023	CS	MTV
NACWA	Leadership Training	\$950.00	1/23/2023	CS	CS
City of Union City	Annual Fire Operational Permit	\$942.00	12/28/2022	FMC	FMC
Inventive Resources Inc.	Manhole Odor Eliminator Filters and Housing System	\$939.01	1/10/2023	CS	MTV
Zoro Tools	Bulk oil pump	\$921.43	3/13/2023	CS	ST
Uline	Warehouse Counting Scale & Parts Bins	\$914.21	2/7/2023	CS	ST
All Industrial Electrical Supply	Fuses	\$913.69	12/30/2023	FMC	FMC
NIGP	Procurement Training Bundle Foundations of Strategy & Policy Foundations of Planning & Analysis	\$909.00	1/26/2023	BS	FAST
CWEA	Registration & Membership for Annual Conference	\$904.00	2/10/2023	TS	CIP
Costco	TV Replacement	\$888.73	2/17/2023	FMC	IT
LED light expert	LED 8 inch can lights	\$885.92	3/13/2023	CS	ST
Microsoft	Stand alone Word and Excel licenses	\$799.95	3/1/2023	FMC	IT
CWEA	CWEA Annual Conference Reg.	\$787.00	2/8/2023	CS	MTV

Union Sanitary District Cal-Card Report FY23 Q3

Vendor's Name	Purchase Description	Total	Transaction Date	Work Group	Team
CWEA	CWEA Annual Conference Reg.	\$787.00	2/8/2023	CS	MTV
CWEA	CWEA Annual Conference Reg.	\$787.00	2/16/2023	CS	CT
CWEA	CWEA Conference	\$787.00	2/9/2023	CS	CT
CWEA	CWEA Conference	\$787.00	2/9/2023	CS	CT
ISC Sales	Air Filter for Compressor	\$770.00	2/1/2023	FMC	FMC
Kevin EikenBerry Group	Training Disk Credits	\$760.50	2/10/2023	BS	BS
Kevin EikenBerry Group	(5) Team Report Training Disk Credits	\$745.00	2/10/2023	BS	BS
Kevin EikenBerry Group	(5) Team Report Training Disk Credits - DUPLICATE CHARGE	\$745.00	2/11/2023	BS	BS
American Society of Safety Professionals	Safety 2023 Conference and Expo	\$729.00	3/15/2023	BS	OST
Uline	Zebra Barcode Printer Warehouse	\$697.96	12/23/2022	FMC	IT
CDWG	Copier Repair Parts	\$637.06	2/15/2023	FMC	IT
Amazon	Cisco IP Conference phone	\$613.85	3/17/2023	FMC	IT
FedEx	Shipping charges for PO 1012818	\$597.13	2/22/2023	BS	FAST
The Construction Zone	Tri-City WW Vehicle Decals	\$575.90	1/17/2023	CS	ST
eBay	Condensate Drain for Generator Air Compressor CMP692101	\$568.73	3/2/2023	FMC	FMC
Brady	Brady Label Maker Supplies	\$560.43	3/9/2023	FMC	FMC
Lorman	Renewal of All-Access Pass	\$559.20	1/26/2023	BOARD	BOARD
Uline	Steel 55 drums for hazwaste disposal	\$556.23	2/13/2023	FMC	FMC
ZipRecruiter	Monthly Subscription	\$549.00	12/28/2022	BS	OST
ZipRecruiter	Monthly Subscription	\$549.00	1/28/2023	BS	OST
ZipRecruiter	Monthly Subscription	\$549.00	2/28/2023	BS	OST
ID Enhancements	Blank ID Cards	\$522.50	2/28/2023	FMC	IT
Amazon	B/U Cams, Electricians	\$498.32	3/6/2023	CS	ST
Burlington Safety Laboratory Inc	Testing of Electrical Gloves	\$477.97	12/22/2023	FMC	FMC
National Tank	Large tank for Piian solution	\$462.52	1/10/2023	FMC	FMC
CDWG	USB flash drive - 256GB	\$459.28	1/6/2023	FMC	IT
Yost Metal Fab	Aluminum Table for E. trailer	\$443.00	1/18/2023	CS	ST
Kleen Rite	Chemical mixing pump, foaming trucks	\$437.56	2/16/2023	CS	ST
CDWG	Barcode Scanner	\$437.46	2/15/2023	FMC	IT
CORE & MAIN	Wyes and 45 degree elbows	\$429.31	2/10/2023	CS	CT
Amazon	15 USB-C hubs	\$427.50	3/11/2023	FMC	IT
Cole-Parmer	Lasca dataloggers	\$426.25	1/5/2023	T&D	R&S
Uline	Warehouse Part Bins	\$421.99	2/16/2023	CS	ST
Zoom	District Zoom subscription	\$414.69	3/17/2023	FMC	IT
Zoom	District Zoom subscription	\$408.39	1/18/2023	FMC	IT
Zoom	District Zoom subscription	\$408.39	2/17/2023	FMC	IT
BlueBeam	BlueBeam Complete	\$400.00	3/7/2023	FMC	IT
Costco	Replacement Chairs for MTV Trucks	\$398.68	2/28/2023	CS	CS
NIGP	Membership renewal	\$385.00	1/17/2023	BS	FAST
Uline	Thermal labels - warehouse	\$379.69	12/30/2022	CS	ST
DUO	MFA	\$375.00	12/26/2023	FMC	IT
DUO	MFA	\$375.00	1/24/2023	FMC	IT

Union Sanitary District Cal-Card Report FY23 Q3

Vendor's Name	Purchase Description	Total	Transaction Date	Work Group	Team
NASSCO	NASSCO Recertification Training Course	\$375.00	3/16/2023	CS	MTV
NASSCO	2023 Nassco Recert. Course	\$375.00	3/21/2023	CS	CT
Duo	MFA	\$375.00	2/24/2023	FMC	IT
NASSCO, Inc.	Inspection Certification	\$375.00	3/20/2023	CS	MTV
Power Systems Plus	Engine Block Heater for Engine Generator 3	\$372.51	2/24/2023	FMC	FMC
Uline	Parts Bins for Warehouse	\$364.12	3/9/2023	CS	ST
IDEXX	Quantitrays	\$361.27	2/23/2023	T&D	R&S
Lynn Industries	Flood lights, T3343	\$351.18	2/13/2023	CS	ST
The NELAC Institute	TNI Partner Membership	\$350.00	2/22/2023	T&D	R&S
Pesticide Applicators Prof. Assoc.	Seminar Registrations(11856,11858,11838) // 2023 PAPA Membership	\$350.00	3/21/2023	CS	CT
DRI*Gallup	LDP Materials: Online assessment, CliftonStrengths for Leaders, 7 copies	\$349.93	3/4/2023	BS	BS
WEF	WEF Membership Renewal	\$342.00	1/11/2023	TS	CIP
Water Environment Federation - WEF MAIN	WEF Membership Renewal	\$342.00	1/31/2023	TS	CIP
E.Trailer.com	Easement Trailer Steps	\$340.32	2/6/2023	CS	ST
ABT	2 external hard drives	\$332.23	3/3/2023	FMC	IT
BestBuy	Logitech Headset - Stock	\$332.22	1/18/2023	FMC	IT
BestBuy	Logitech Headset - Stock	\$332.22	1/18/2023	FMC	IT
LED light expert	LED 8inch can light	\$332.22	2/14/2023	CS	ST
BestBuy	Headsets	\$332.22	3/2/2023	FMC	IT
Thinkscape	Zee Drive support and maintenace renewal	\$327.00	3/20/2023	FMC	IT
Amazon	Work lights, Trk #T3343	\$326.66	12/29/2022	CS	ST
Home Depot	ETSU Tool Kit Pt. 1	\$324.74	1/30/2023	ETSU	ETSU
Roadrunner Glass	Misco Glass	\$310.18	3/21/2023	FMC	FMC
CWEA	CWEA Membership & Mech Tech 3 Cert Renewal	\$307.00	1/18/2023	FMC	Mech
CWEA	Membership & CSWIII Certification Renewal	\$307.00	2/28/2023	CS	CS
ASCE	Annual Membership	\$305.00	1/6/2023	GM	GM
EPA Sales	Vactor parts	\$295.99	2/24/2023	CS	ST
D&S Sales	Winch Remote for 2371/2372/spare	\$286.49	2/3/2023	CS	ST
Amazon	BU Monitor, T2373	\$284.67	1/23/2023	CS	ST
WEF	WEF Membership Renewal	\$277.00	1/30/2023	ETSU	ETSU
WEF	WEF Membership Renewal	\$277.00	2/28/2023	FMC	Mech
WEF	WEF Membership Renewal	\$277.00	2/28/2023	FMC	Mech
WEF	WEF Membership Renewal	\$277.00	2/28/2023	FMC	Mech
Amazon	Work lights, Trk #T3343	\$276.82	1/6/2023	CS	ST
Digikey	RAD 900 Antenna	\$275.38	2/20/2023	FMC	FMC
Hach Company	Intelliical LBOD101 Sensor Cap Replacement Kit (Product #5838000) Note: TPO initially ordered, was the wrong part; but R&S can use it for their BOD probe instead)	\$269.37	1/17/2023	T&D	R&S

Union Sanitary District Cal-Card Report

FY23 Q3

Vendor's Name	Purchase Description	Total	Transaction Date	Work Group	Team
Hach Company	Replacement LDO Sensor Cap for LDO101 Luminescent/Optical Dissolved Oxygen Probes (Product #5811200) - TPO	\$262.73	1/25/2023	T&D	TPO
MME	Root Saw Hub Adaptors for Root Cutting Tool	\$253.83	2/8/2023	CS	MTV
Paypal - Pipe Users Group	2023 PUG Seminar 02/16/23	\$250.00	1/11/2023	TS	CIP
Paypal - Pipe Users Group	2023 PUG Seminar 02/16/23	\$250.00	1/11/2023	TS	CIP
Uline	30gal Poly Drums for Hazwaste	\$247.49	3/8/2023	FMC	FMC
Safety Center	Excavation Competent Person training 03/07/23	\$245.00	12/22/2022	TS	CIP
Society for Human Resource	Membership	\$244.00	2/15/2023	BS	FAST
Society for Human Resource	Membership	\$244.00	2/16/2023	BS	FAST
MC Miller	Cathodic Electrodes	\$237.49	3/6/2023	FMC	FMC
Town and Country - LOD San Diego	Hotel Reservation for CWEA Conference 4/19/23 - 4/21/23	\$222.22	2/10/2023	TS	CIP
Keen	Safety Boots	\$221.50	2/1/2023	FMC	Elect
Bay Area Barricade Service Inc.	Hot Spot 5" X 5" Pads for Reflective Paving Markers	\$214.86	1/11/2023	CS	MTV
Schwalm	Replacement parts for cutter	\$207.48	2/21/2023	CS	CT
PersonalizationMall	LDP Materials: 6 padfolios for LDP participants	\$203.99	3/7/2023	BS	BS
CWEA	Membership Renewal	\$202.00	12/22/2022	TS	EC
CWEA	Membership Renewal	\$202.00	1/6/2023	BOARD	BOARD
CWEA	Membership Renewal	\$202.00	1/26/2023	CS	CS
CWEA	Membership Renewal	\$202.00	2/17/2023	FMC	Elect
CWEA	Membership Renewal	\$202.00	2/17/2023	FMC	Elect
CWEA	Membership Renewal	\$202.00	2/17/2023	FMC	Elect
CWEA	Membership Renewal	\$202.00	3/1/2023	TS	EC
CWEA	Membership Renewal	\$202.00	3/15/2023	FMC	Mech
Brown and Caldwell	Job posting for CST Assistant/Associate Engineer on BCWaterJobs	\$200.00	2/1/2023	BS	OST
NeoGov	Job Boost for CST Engineer on governmentjob.com	\$199.00	3/8/2023	BS	OST
Traffic Safety	Lights, Arrowboards	\$192.31	3/2/2023	CS	ST
NATEC	Fall Protection Competent Person training 02/06/23	\$190.55	12/22/2022	TS	CIP
AMPP	NACE Membership	\$190.00	1/31/2023	FMC	Elect
Wrist-Band Customlanyard	200 lanyards with new USD logo	\$187.20	3/2/2023	BS	BS
CWEA	Asset Management for Wastewater Workshop	\$185.00	2/8/2023	FMC	Mech
CWEA	Asset Management for Wastewater Workshop	\$185.00	2/8/2023	FMC	Elect
CWEA	Asset Management for Wastewater Workshop	\$185.00	2/14/2023	FMC	Mech
Lynn Industries	LED floodlight, T3343	\$180.53	3/8/2023	CS	ST
PSHRA/IPMA-HR	IPMA-HR Individual Membership	\$175.00	1/13/2023	BS	BS
Atlas License Co.	License Renewal for Radios- FCC	\$175.00	1/5/2022	FMC	FMC
Lowes	TV wire cover	\$171.44	3/9/2023	CS	ST
Costco	TV Mount	\$166.11	2/24/2023	CS	ST
Lowes	Facilities Materials	\$161.53	2/23/2023	CS	ST
Quick Search	Background Checks	\$159.10	1/3/2023	BS	OST
CDWG	USB-C Flash Drive	\$154.47	3/8/2023	FMC	IT
Amazon	Hole Saw for 83 exterior lights	\$147.20	3/16/2023	CS	ST

Union Sanitary District Cal-Card Report

FY23 Q3

Vendor's Name	Purchase Description	Total	Transaction Date	Work Group	Team
Quick Search	New hire pre-employment background check	\$146.05	3/7/2023	BS	OST
Amazon	5 USB-C hubs	\$143.90	1/7/2023	FMC	IT
Northern Tool	Back up camera, TV van T2053	\$142.34	1/18/2023	CS	ST
Peterson Cat	Door Window, M6354	\$140.23	1/19/2023	CS	ST
Maks	Light Module, T1267	\$136.88	2/23/2023	CS	ST
Trucker AC	Blower Motor, T3343	\$136.27	12/31/2023	CS	ST
Amazon	Memory card and memory card reader	\$135.59	2/11/2023	FMC	IT
Amazon	Window Vents, T1382	\$133.49	1/27/2023	CS	ST
Southwest Airlines	Flight for CWEA Conference 4/19/23 - 4/21/23	\$132.96	2/9/2023	TS	CIP
Amazon	Backup camera	\$132.89	2/15/2023	CS	ST
Amazon	Easement Trailer Clamps	\$132.54	2/6/2023	CS	ST
Panera Bread	Working Lunch	\$131.25	2/9/2023	BS	BS
Amazon	2 blue light monitor filters	\$125.92	1/5/2023	FMC	IT
NeoGov	Job Boost for CST Assistant/Associate Engineer on GovernmentJobs.com	\$125.00	2/6/2023	BS	OST
Togo's	Sandwich Tray and chips for working lunch	\$114.79	3/6/2023	GM	GM
Amazon	Office Supplies (Wireless Keyboard and Mouse, Pen refill ink)	\$113.95	2/27/23	GM	GM
Amazon	Backup camera	\$110.73	2/21/2023	CS	ST
Amazon	10 USB-C to USB3 adapters	\$110.60	1/9/2023	FMC	IT
CWEA	Lab Grade IV certificate	\$110.00	2/22/2023	T&D	R&S
Meta/Facebook	Boosted posts (Ads)	\$109.98	1/4/2023	TS	CST
ESRI	ArcGIS Online Editor	\$108.50	1/24/2023	FMC	IT
LED light expert	LED 8inch can light	\$107.74	1/27/2023	CS	ST
CWEA	Professional Membership	\$105.00	2/28/2023	CS	CS
Tap Plastics	Door Plastic Window	\$104.74	3/21/2023	FMC	FMC
Amazon	Winch remote control	\$104.38	1/5/2023	CS	ST
Harbor Freight	Parts for Shop, warehouse, truck	\$103.46	3/1/2023	CS	ST
Pape Machinery	Fuel filters, Pipe Hunter	\$101.70	9/9/2023	CS	ST
PSHRA/IPMA-HR	IPMA-SCP Certification Study Guide	\$100.00	1/13/2023	BS	BS
SHRM	SHRM membership renewal	\$100.00	1/17/2023	BS	OST
CWEA	CWEA Mech Tech 2 Cert Renewal	\$100.00	1/18/2023	FMC	Elect
CWEA	CWEA Col Sys Maint. 2 Cert Renewal	\$100.00	1/18/2023	FMC	Mech
CWEA	CWEA Mech Tech 2 Cert Renewal	\$100.00	3/15/2023	FMC	Mech
Amazon	100 foot HDMI cable	\$99.66	3/2/2023	FMC	IT
Crutchfield	Stereo, T2053	\$96.89	1/23/2023	CS	ST
CWEA	Certification Renewal	\$95.00	1/18/2023	TS	EC
Environmental Express	Yttrium standard	\$89.62	1/18/2023	T&D	R&S
Uline	Manila Shipping Tags	\$89.02	1/20/2023	CS	ST
Lowes	Sealant for 82 Window	\$88.31	1/12/2023	CS	ST
Dish Network	Dish Network Monthly Charge	\$86.06	1/3/2023	BS	BS
Dish Network	Dish Network Monthly Charge	\$86.06	2/2/2023	BS	BS
Dish Network	Dish Network Monthly Charge	\$86.06	3/5/2023	BS	BS
Lowes	Toilet parts	\$84.55	2/14/2023	CS	ST

Union Sanitary District Cal-Card Report

FY23 Q3

Vendor's Name	Purchase Description	Total	Transaction Date	Work Group	Team
Meta/Facebook	Boosted posts (Ads)	\$84.39	3/12/2023	TS	CST
Meta/Facebook	Boosted posts (Ads)	\$79.96	2/10/2023	TS	CST
Kernal Apps	Video repair software	\$79.00	3/3/2023	FMC	IT
LCW	Webinar: FLSA Compliant Automated Payroll Systems	\$75.00	1/10/2023	BS	BS
Best Best Krieger	Brown Act Webinar	\$75.00	2/15/2023	TS	EC
CWEA	Training Seminar	\$75.00	2/28/2023	CS	MTV
American Red Cross	ICE CPR class for 2 operators	\$72.00	2/6/2023	BS	BS
Amazon	POE injector for Cisco phone	\$71.99	3/16/2023	FMC	IT
Green Leaf Cleaners	Dry clean 2 USD Tablecloths	\$70.00	2/14/2023	TS	EC
Amazon	Digital voice recorder	\$63.09	3/20/2023	GM	GM
Kleen Rite	MiniDos rebuild kit, foaming trucks	\$60.50	1/31/2023	CS	ST
Lowes	Adhesive remover for warehouse/shop	\$57.48	2/14/2023	CS	ST
Best Buy	Case for Dell Precision laptop	\$55.36	1/5/2023	FMC	IT
Amazon	50 foot HDMI cable	\$55.36	3/14/2023	FMC	IT
CDWG	Barcode Scanner Stand	\$54.54	2/15/2023	FMC	IT
TECO Technology	Relay Contacts	\$53.63	2/24/2023	FMC	FMC
Amazon	Generator Cover	\$53.16	1/19/2022	CS	ST
BestBuy	USB-C Cables	\$52.55	2/28/2023	FMC	IT
Rogue Fitness	Rogue Echo Bike Wind Guard V2.0 Accessory	\$52.21	3/16/2023	Exercise Comm.	Exercise Comm.
Rogue Fitness	Rogue Echo Bike Wind Guard V3.0 Accessory	\$52.21	3/8/2023	Exercise Comm.	Exercise Comm.
CDWG	MS Surface Mouse, ETSU	\$51.50	2/23/2023	FMC	IT
Autozone	Bulbs, T1271	\$50.93	1/3/2023	CS	ST
PAPA	Pesticide Applicators 2023 Membership	\$50.00	2/9/2023	CS	CS
Bigstock	Stock photo credit package	\$49.00	3/16/2023	TS	CST
Henrich Inc. Online	Veeder-Root 329211-001 is a Shaft Paper Roll Spool used for TLS-350 and TLS-300 consoles. (Item #329211-001) for the Gen 2/3 Building - TPO	\$45.31	1/30/2023	T&D	TPO
Northern Safety & Industrial (NSI)	Windsock, Item #27566 - TPO	\$43.39	2/24/2023	T&D	TPO
Amazon	Shower dam barrier for WRR 70	\$43.18	2/13/2023	CS	ST
Sensidyne	Sensidyne AP-20S replacement tube tip cutter - TPO	\$42.52	3/14/2023	T&D	TPO
Amazon	iPad charging cable	\$42.08	3/17/2023	GM	GM
Amazon	Thread Repair Kit	\$41.42	1/23/2023	CS	ST
1000 bulbs.com	Replacement spot light bulbs	\$39.67	3/8/2023	CS	ST
Amazon	Window Visors, T1377	\$38.78	1/21/2023	CS	ST
Amazon	Touch Screen, P8257	\$38.76	3/21/2023	CS	ST
Amazon	Stylus Ballpoint Pens, box of 12	\$38.75	2/21/2023	GM	GM
RBA doors	Door Parts Spare	\$38.68	12/28/2023	CS	ST
Single Cylinder	Water Elbow, E5299	\$37.86	1/31/2023	CS	ST
Government Finance Officers Association	GFOA SBITAs Webinar	\$35.00	2/10/2023	BS	FAST
GFOA	Registration: GFOA GASB96 Webinar	\$35.00	2/15/2023	BS	FAST
GFOA	Registration: GFOA GASB96 Webinar	\$35.00	2/15/2023	BS	FAST
BestBuy	USB-C to DP cable	\$33.22	3/1/2023	FMC	IT
The Award Group	SHRM-SCP Recertification Certificate & Wallet Card	\$29.81	3/21/2023	BS	OST

Union Sanitary District Cal-Card Report FY23 Q3

Vendor's Name	Purchase Description	Total	Transaction Date	Work Group	Team
Lucky	Snacks for Board Workshop	\$29.16	3/16/2023	GM	GM
Amazon	CS Safety - Jan 23	\$28.78	1/3/2023	CS	CT
Amazon	Transfer Pump	\$27.68	1/31/2023	CS	ST
BestBuy	USB-C to HDMI	\$27.67	3/1/2023	FMC	IT
City of Oakland	Parking Garage	\$26.00	2/22/2023	FMC	FMC
Amazon	CS Safety - Jan 23	\$25.20	2/2/2023	CS	MTV
Amazon	Amazon Prime Membership	\$16.60	1/21/2023	CS	ST
Amazon	Amazon Prime Membership	\$16.60	2/21/2023	CS	ST
Amazon	Amazon Prime Membership	\$16.60	3/21/2023	CS	ST
Amazon	Magnets for shop	\$14.94	2/6/2023	CS	ST
Walmart.com	Sterilite 15 Qt. Clear Plastic Latch Box, Blue Latches with Clear Lid for the Odor Control P&M	\$14.05	2/9/2023	T&D	TPO
SJ Mercury News	Subscription	\$14.00	1/6/2023	TS	CST
Amazon	Test shower head for campus showers	\$13.26	2/11/2023	ETSU	ETSU
Amazon	Diode	\$12.44	2/23/2023	CS	ST
Home Depot	ETSU Tool Kit Pt. 2	\$11.60	2/1/2023	ETSU	ETSU
Amazon	Case for digital voice recorder	\$11.06	3/17/2023	GM	GM
Amazon	Flexable brushes	\$8.85	3/21/2023	CS	ST
Fastrak	Bridge Toll	\$7.00	1/7/2023	TS	CST
Fastrak	Bridge Toll	\$7.00	2/2/2023	TS	CST
Amazon	Flexable brushes	\$6.63	3/21/2023	CS	ST
CDWG	Copier Repair Parts, ETSU	-\$304.19	3/17/2023	FMC	IT
CDW	UPS Batteries	-\$311.69	1/23/2023	FMC	FMC
Amazon	Return lights for credit	-\$326.66	1/9/2023	CS	ST
Kevin EikenBerry Group	(5) Team Report Training Disk Credits	-\$745.00	2/10/2023	BS	BS

TOTAL FOR Q3:

\$110,036.78

TOTAL # OF TRANSACTIONS FOR Q2:

263



USD
TREAT
PROTECT
PRESERVE
est. 1918
TRI-CITY WASTEWATER

Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

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

Karen W. Murphy
Attorney

**APRIL 24, 2023
BOARD OF DIRECTORS MEETING
AGENDA ITEM #13**

TITLE: **Board Expenses for 3rd Quarter of Fiscal Year 2023 (*This is an Information Item*)**

SUBMITTED: Paul R. Eldredge, General Manager/District Engineer
Mark Carlson, Business Services Manager/CFO

Recommendation

Information only.

Previous Board Action

None

Background

Please see attached the Board of Directors Quarterly Travel and Training Expenditure Report for the 3rd quarter of Fiscal Year 2023.

BOARD OF DIRECTORS
QUARTERLY TRAVEL AND TRAINING EXPENDITURE REPORT
3RD QTR, FISCAL YEAR 2023

Board Members	Description	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Beginning Balance	Y-T-D Expense	Balance Available
FERNANDEZ, MANNY								
	TOTAL	0.00	0.00	0.00	0.00	5000.00	0.00	5000.00
HANDLEY, TOM								
	CASA Conference Registration	625.00						
	CASA Conference: Lodging	905.43						
	CASA Conference: Mileage	221.25						
	CASA Conference: Per Diem	207.00						
	State of the County Breakfast		45.00					
	TOTAL	1,958.68	45.00	0.00	0.00	5000.00	2,003.68	2996.32
HARRISON, JENNIFER								
	TOTAL	0.00	0.00	0.00	0.00	5000.00	0.00	5000.00
KITE, PAT								
	Lorman All Access Education Pass			559.20				
	TOTAL	0.00	0.00	559.20	0.00	5000.00	559.20	4440.80
LATHI, ANJALI								
	State of the County Breakfast		45.00					
	CWEA Membership			202.00				
	TOTAL	0.00	45.00	202.00	0.00	5000.00	247.00	4753.00
	GRAND TOTAL	1,958.68	90.00	761.20	0.00	25000.00	2,809.88	22190.12

The Board of Directors' Quarterly Expenditure Report is attached as part of the check register in accordance with Board Member Business Expense policy adopted September 5, 1991



USD
TREAT
PROTECT
PRESERVE
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TRI-CITY WASTEWATER

Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

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

Karen W. Murphy
Attorney

**APRIL 24, 2023
BOARD OF DIRECTORS MEETING
AGENDA ITEM # 14**

TITLE: COVID-19 Update *(This is an Information Item)*

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

Recommendation

Information only.

Discussion

General Manager Eldredge will provide an update on the District's COVID-19 response and staffing levels.

Background

None

Previous Board Action

None

**UNION SANITARY DISTRICT
CHECK REGISTER
04/01/2023-04/14/2023**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
183769	4/6/2023	143	800551.4	INSITUFORM TECHNOLOGIES, LLC	IRVINGTON BASIN RCP REHABILITATION	\$1,201,696.90	\$1,201,696.90
183766	4/6/2023	114	2011800425	HAZEN AND SAWYER	ETSU PHASE 1B PROJECT	\$50,758.03	\$406,512.94
	4/6/2023	150	2011800815		INTERIM CIP COACH SERVICES - FEB 23	\$16,740.00	
	4/6/2023	114	2011801012		MP - AERATION BASIN MODIFICATIONS	\$124,531.51	
	4/6/2023	114	201180117		CAMPUS BUILDINGS (ADMIN, FMC, OPS)	\$214,483.40	
183844	4/13/2023	114	194229	PSOMAS CORP	AERATION BASIN MODIFICATIONS	\$214,071.17	\$274,575.17
	4/13/2023	143	194230		STANDBY POWER SYSTEM UPGRADE	\$60,504.00	
183849	4/13/2023	110	37045	SYNAGRO WEST LLC	FEB 2023 BIOSOLIDS DISPOSAL	\$135,184.32	\$135,184.32
183851	4/13/2023	110	51008560	UNIVAR SOLUTIONS USA INC	4830.3 GALS SODIUM HYPOCHLORITE	\$7,661.67	\$38,266.32
	4/13/2023	110	51008561		4802.8 GALS SODIUM HYPOCHLORITE	\$7,618.05	
	4/13/2023	110	51012626		4802.8 GALS SODIUM HYPOCHLORITE	\$7,618.05	
	4/13/2023	110	51022565		4794 GALS SODIUM HYPOCHLORITE	\$7,604.10	
	4/13/2023	110	51022566		4895.1 GALS SODIUM HYPOCHLORITE	\$7,764.45	
183791	4/6/2023	110	50991661	UNIVAR SOLUTIONS USA INC	4904.3 GALS SODIUM HYPOCHLORITE	\$7,779.05	\$31,248.94
	4/6/2023	110	50994976		4896 GALS SODIUM HYPOCHLORITE	\$7,765.88	
	4/6/2023	110	50997798		4894.6 GALS SODIUM HYPOCHLORITE	\$7,763.66	
	4/6/2023	110	50997799		5006 GALS SODIUM HYPOCHLORITE	\$7,940.35	

**UNION SANITARY DISTRICT
CHECK REGISTER
04/01/2023-04/14/2023**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
183736	4/6/2023	171	2000730492	AECOM TECHNICAL SERVICES INC	HAZMAT CONSULTING SERVICES	\$8,890.64	\$28,291.79
	4/6/2023	171	2000734403		HAZMAT CONSULTING SERVICES	\$2,661.36	
	4/6/2023	143	2000734862		IRVINGTON PUMP STATION SOLAR REPLACEMENT	\$16,739.79	
183750	4/6/2023	143	1392797	BLACK & VEATCH CORPORATION	ENERGY RESILIENCY STUDY	\$26,766.54	\$26,766.54
183841	4/13/2023	170	761520230331	PACIFIC GAS AND ELECTRIC	SERV TO 03/26/23 NEWARK PS	\$26,485.73	\$26,485.73
183735	4/6/2023	173	2303027	ABTECH TECHNOLOGIES INC	VMWARE SERVER HOST	\$24,226.16	\$24,226.16
183753	4/6/2023	143	11475611	BROWN & CALDWELL CONSULTANTS	STANDBY POWER SYSTEM UPGRADE	\$20,270.46	\$20,270.46
183830	4/13/2023	110	9017785624	KEMIRA WATER SOLUTIONS INC	47,400 LBS FERROUS CHLORIDE	\$7,691.66	\$15,850.10
	4/13/2023	110	9017785730		48,220 LBS FERROUS CHLORIDE	\$8,158.44	
183817	4/13/2023	173	111100064726	DOCUSIGN INC	ANNUAL SUBSCRIPTION 01/10/23 - 01/09/24	\$15,766.57	\$15,766.57
183795	4/6/2023	143	2052991	WEST YOST ASSOCIATES	FORCE MAIN CORROSION REPAIRS PROJECT PHASE 4	\$13,410.50	\$13,410.50
183796	4/6/2023	173	65233	WUNDERLICH-MALEC SYSTEMS INC	SCADA UPGRADE	\$11,998.25	\$11,998.25
183788	4/6/2023	143	115790	TELSTAR INSTRUMENTS	PORTABLE VFD PROJECT	\$11,872.23	\$11,872.23
183739	4/6/2023	132	2139	ALL HAZARD EHS INC	CONFINED SPACE TRAINING	\$10,500.00	\$10,500.00
183824	4/13/2023	143	2011800715	HAZEN AND SAWYER	PUMP STATION ASSET CONDITION ASSESSMENT	\$10,310.00	\$10,310.00
183773	4/6/2023		374322230401	LINCOLN NATIONAL LIFE INS COMP	LIFE & DISABILITY INSURANCE - APR 2023	\$9,505.52	\$9,505.52
183842	4/13/2023	110	1724434	POLYDYNE INC	42,180 LBS CLARIFLOC WE-539	\$9,188.72	\$9,188.72

**UNION SANITARY DISTRICT
CHECK REGISTER
04/01/2023-04/14/2023**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
183764	4/6/2023		9489702960	GRAINGER INC	ASTD PARTS & MATERIALS	\$4,474.34	\$7,825.16
	4/6/2023		9621225060		ASTD PARTS & MATERIALS	\$433.92	
	4/6/2023		9621225094		ASTD PARTS & MATERIALS	\$216.96	
	4/6/2023	122	9621225128		ASTD PARTS & MATERIALS	\$564.70	
	4/6/2023		9621275933		ASTD PARTS & MATERIALS	\$1,419.21	
	4/6/2023		9627681217		ASTD PARTS & MATERIALS	\$716.03	
183850	4/13/2023	170	335619	CITY OF UNION CITY	2023 HAZ MAT FEES, PERMIT FEES	\$7,276.00	\$7,276.00
183738	4/6/2023	110	4071036120230324	ALAMEDA COUNTY WATER DISTRICT	SERV TO:03/20/23-BENSON ROAD	\$6,717.89	\$7,154.48
	4/6/2023	110	4071037120230321		SERV TO: 03/20/23-BENSON ROAD	\$292.06	
	4/6/2023	110	4071038120230327		SERV TO: 03/20/22-BENSON ROAD	\$144.53	
183783	4/6/2023		73770	R.D. KINCAIDE INC	14 PATCH KITS	\$7,070.28	\$7,070.28
183768	4/6/2023	173	46267	INFOR PUBLIC SECTOR, INC	HANSEN CONSULTING SERVICES	\$6,952.50	\$6,952.50
183752	4/6/2023	121	317217	BRENNTAG PACIFIC INC	5104 LBS SODIUM HYDROXIDE	\$4,510.46	\$6,775.91
	4/6/2023	121	317218		2552 LBS SODIUM HYDROXIDE	\$2,265.45	
183740	4/6/2023	170	5286362	ALL INDUSTRIAL ELECTRIC SUPPLY	1 ALLEN BRADLEY VFD	\$6,755.75	\$6,755.75
183843	4/13/2023	123	104350	PRIME MECHANICAL SERVICE INC	SERVICE CALL: BLDG 83 REPLACED INDOOR BLOWER MOTOR	\$3,470.41	\$6,342.41
	4/13/2023	170	104482		QUARTERLY MAINTENANCE - MAR 23	\$1,092.00	
	4/13/2023	122	104528		MONTHLY MAINTENANCE - MAR 23	\$1,780.00	

**UNION SANITARY DISTRICT
CHECK REGISTER
04/01/2023-04/14/2023**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
183814	4/13/2023	173	69615	CDW GOVERNMENT LLC	SWITCHGEAR BLDG SWITCH	\$3,607.92	\$5,202.92
	4/13/2023	173	77436		KEMP PROXY ANNUAL SUPPORT	\$1,595.00	
183762	4/6/2023	173	10655332320	DELL MARKETING LP C/O DELL USA	1 PRECISION WORKSTATION	\$4,748.50	\$4,748.50
183820	4/13/2023	143	328362	CITY OF FREMONT	PERMIT: IRVINGTON BASIN RCP REHABILITATION	\$4,479.70	\$4,479.70
183801	4/13/2023		20230331	AFLAC GROUP	GROUP INSURANCE - MAR 2023	\$4,401.18	\$4,401.18
183776	4/6/2023	170	93781925	MCMASTER SUPPLY INC	ASTD PARTS & MATERIALS	\$781.03	\$4,388.96
	4/6/2023	170	93879261		ASTD PARTS & MATERIALS	\$338.45	
	4/6/2023	170	94453677		ASTD PARTS & MATERIALS	\$236.11	
	4/6/2023	170	94460899		ASTD PARTS & MATERIALS	\$260.48	
	4/6/2023	170	94501668		ASTD PARTS & MATERIALS	\$1,867.85	
	4/6/2023	170	95086031		ASTD PARTS & MATERIALS	\$146.09	
	4/6/2023	170	95182486		ASTD PARTS & MATERIALS	\$516.50	
	4/6/2023	170	95184045		ASTD PARTS & MATERIALS	\$109.85	
	4/6/2023	170	95332463		ASTD PARTS & MATERIALS	\$132.60	
183785	4/6/2023	110	23031010	S&S TRUCKING	GRIT HAULING 03/03/2023	\$1,109.24	\$4,256.75
	4/6/2023	110	23031503		GRIT HAULING 03/08 & 03/13/2023	\$3,147.51	
183749	4/6/2023		B08FB2	BENEFIT COORDINATORS CORP	DELTA DENTAL AND VSP STMT - APR 2023	\$3,904.40	\$3,904.40

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183808	4/13/2023		19683760	AT&T	SERV: 02/20/23 - 03/19/23	\$24.49	\$3,685.57
	4/13/2023		19683762		SERV: 02/20/23 - 03/19/23	\$3,416.65	
	4/13/2023		19683784		SERV: 02/20/23 - 03/19/23	\$244.43	
183793	4/6/2023		9930625417	VERIZON WIRELESS	WIRELESS SERV 02/21/23-03/20/23	\$852.17	\$3,613.09
	4/6/2023		9930625418		WIRELESS SERV 02/21/23-03/20/23	\$2,760.92	
183837	4/13/2023	141	2023031585	NBS	SEWER SERVICE CHARGE DATA SERV APR - JUN 2023	\$3,609.20	\$3,609.20
183839	4/13/2023	173	10575	OJO TECHNOLOGY INC	BOYCE CCTV CAMERA	\$3,572.21	\$3,572.21
183845	4/13/2023	120	916005247093	REPUBLIC SERVICES #916	RECYCLE & ROLL OFF - APR 2023	\$3,476.42	\$3,476.42
183811	4/13/2023	121	318518	BRENNTAG PACIFIC INC	1276 LBS SODIUM HYDROXIDE	\$1,096.13	\$3,278.49
	4/13/2023	121	318519		2552 LBS SODIUM HYDROXIDE	\$2,182.36	
183809	4/13/2023	122	29477	BAYSCAPE LANDSCAPE MANAGEMENT	LANDSCAPE MAINTENANCE SERVICES - MAR 2023	\$2,925.00	\$2,925.00
183778	4/6/2023	170	2401000957	MOTION INDUSTRIES INC	ASTD PARTS & MATERIALS	\$2,809.07	\$2,809.07
183804	4/13/2023		5286695	ALL INDUSTRIAL ELECTRIC SUPPLY	6 EMERGENCY LIGHTS	\$2,745.18	\$2,745.18
183822	4/13/2023	121	9628136831	GRAINGER INC	ASTD PARTS & MATERIALS	\$99.26	\$2,678.64
	4/13/2023	122	9628136849		ASTD PARTS & MATERIALS	\$90.53	
	4/13/2023		9631531325		ASTD PARTS & MATERIALS	\$415.32	
	4/13/2023		9631852085		ASTD PARTS & MATERIALS	\$406.68	
	4/13/2023		9632182896		ASTD PARTS & MATERIALS	\$1,396.75	
	4/13/2023	111	9635355598		ASTD PARTS & MATERIALS	\$270.10	

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183775	4/6/2023	113	2303547	MCCAMPBELL ANALYTICAL	LAB SAMPLE ANALYSIS	\$945.00	\$2,667.50
	4/6/2023	113	2303548		LAB SAMPLE ANALYSIS	\$1,609.00	
	4/6/2023	113	2303561		LAB SAMPLE ANALYSIS	\$24.00	
	4/6/2023	113	2303889		LAB SAMPLE ANALYSIS	\$89.50	
183855	4/13/2023		45142	WESTCOAST PLUMBING SERVICE INC	REFUND # 57249	\$2,500.00	\$2,500.00
183847	4/13/2023		737461030301	STAPLES CONTRACT & COMMERCIAL	JANITORIAL & BREAKROOM SUPPLIES	\$738.74	\$2,399.03
	4/13/2023		737483646201		JANITORIAL & BREAKROOM SUPPLIES	\$132.57	
	4/13/2023		737510821801		JANITORIAL & BREAKROOM SUPPLIES	\$306.07	
	4/13/2023		737510821802		JANITORIAL & BREAKROOM SUPPLIES	\$465.89	
	4/13/2023		760663530401		JANITORIAL & BREAKROOM SUPPLIES	\$526.21	
	4/13/2023		760663530402		JANITORIAL & BREAKROOM SUPPLIES	\$229.55	
183742	4/6/2023	170	825412	AMETEK BROOKFIELD	JEROME SENSOR CALIBRATION	\$2,132.98	\$2,132.98
183833	4/13/2023	113	2303719	MCCAMPBELL ANALYTICAL	LAB SAMPLE ANALYSIS	\$573.00	\$1,769.00
	4/13/2023	113	2303785		LAB SAMPLE ANALYSIS	\$917.00	
	4/13/2023	113	2303908		LAB SAMPLE ANALYSIS	\$279.00	

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183834	4/13/2023	121	94841584	MCMASTER SUPPLY INC	ASTD PARTS & MATERIALS	\$75.01	\$1,736.90
	4/13/2023	170	94858361		ASTD PARTS & MATERIALS	\$444.82	
	4/13/2023	170	94861988		ASTD PARTS & MATERIALS	\$299.73	
	4/13/2023	170	95564440		ASTD PARTS & MATERIALS	\$53.06	
	4/13/2023		95568172		ASTD PARTS & MATERIALS	\$306.68	
	4/13/2023	170	95667395		ASTD PARTS & MATERIALS	\$68.06	
	4/13/2023		95723739		ASTD PARTS & MATERIALS	\$183.71	
	4/13/2023	170	95847567		ASTD PARTS & MATERIALS	\$151.76	
	4/13/2023		95862425		ASTD PARTS & MATERIALS	\$154.07	
183790	4/6/2023	120	41296	THE CONSTRUCTION ZONE LLC	10 TRAFFIC SIGNS	\$1,727.15	\$1,727.15
183743	4/6/2023	130	16578929	APPLEONE EMPLOYMENT SVCS	TEMP LABOR-LARIOS, WK END 03/11/23	\$1,721.60	\$1,721.60
183806	4/13/2023	130	16581819	APPLEONE EMPLOYMENT SVCS	TEMP LABOR-LARIOS, WK END 03/18/23	\$1,721.60	\$1,721.60
183782	4/6/2023	170	104414	PRIME MECHANICAL SERVICE INC	MONTHLY MAINTENANCE - FEB 23	\$992.00	\$1,612.00
	4/6/2023	170	104455		PREVENTATIVE MAINT - AIR FILTERS - BOYCE	\$620.00	
183803	4/13/2023	120	4111994320230403	ALAMEDA COUNTY WATER DISTRICT	SERV TO: 04/03/23-MTR HYD B15072357	\$766.48	\$1,571.44
	4/13/2023	120	4111996820230403		SERV TO: 03/31/23-MTR HYD B19329007	\$804.96	
183856	4/13/2023	170	4460952	WESTERN ENERGY SYSTEMS	COGEN1 LOOP SAFETY FAIL/TRIP	\$1,490.02	\$1,490.02
183812	4/13/2023	143	11476008	BROWN & CALDWELL CONSULTANTS	COGEN REPLACEMENT & VENTILATION STUDY	\$1,433.64	\$1,433.64
183802	4/13/2023	170	9136286105	AIRGAS NCN	4 CY ARGON	\$1,409.85	\$1,409.85

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183780	4/6/2023	170	418495	NEW IMAGE LANDSCAPING CO	IPS FALLEN TREES	\$1,300.00	\$1,300.00
183760	4/6/2023		20230331	FRANK COUTO	COMPUTER NOTE	\$1,206.03	\$1,206.03
183829	4/13/2023	132	8223250	JACKSON LEWIS PC	GENERAL LEGAL - FEB 2023	\$1,106.00	\$1,106.00
183747	4/6/2023	136	2522536593	BANK OF NEW YORK	FEB 2023 SERVICE FEES	\$1,057.47	\$1,057.47
183741	4/6/2023	143	1461HHKR44N4	AMAZON.COM LLC	ASTD OFFICE SUPPLIES	\$39.45	\$979.54
	4/6/2023		1FGNMDJP3QJK		CREDIT: ASTD OFFICE SUPPLIES	\$-37.64	
	4/6/2023	130	1HKXLXWKGRPH		ASTD OFFICE SUPPLIES	\$54.26	
	4/6/2023	130	1KJYWYY9F34V		ASTD OFFICE SUPPLIES	\$32.97	
	4/6/2023		1PY4GGF13RGX		ASTD OFFICE SUPPLIES	\$37.64	
	4/6/2023	113	1QL4WHJP3N6F		ASTD OFFICE SUPPLIES	\$28.78	
	4/6/2023	144	1W3HT7DKF1GF		ASTD OFFICE SUPPLIES	\$55.23	
	4/6/2023	113	1W4JP4VR116F		ASTD OFFICE SUPPLIES	\$768.85	
183744	4/6/2023		259001438	ARAMARK	PUBLIC OUTREACH - REBRANDING	\$903.00	\$903.00
183746	4/6/2023		6092047703	AT&T	SERV: 02/11/23 - 03/10/23	\$872.58	\$872.58
183745	4/6/2023		2591133035	ARAMARK	ASTD DUST MOPS, WET MOPS & TERRY	\$81.66	\$869.50
	4/6/2023		2591133046		UNIFORM LAUNDERING & RUGS	\$351.28	
	4/6/2023		2591133067		UNIFORM LAUNDERING SERVICE	\$436.56	
183807	4/13/2023		2591135012	ARAMARK	UNIFORM LAUNDERING & RUGS	\$378.02	\$823.22
	4/13/2023		2591135041		UNIFORM LAUNDERING SERVICE	\$445.20	

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183846	4/13/2023	110	23032207	S&S TRUCKING	GRIT HAULING 03/20/2023	\$802.35	\$802.35
183854	4/13/2023	113	8812441611	VWR INTERNATIONAL LLC	LAB SUPPLIES	\$80.94	\$788.57
	4/13/2023		8812454994		LAB SUPPLIES	\$206.73	
	4/13/2023		8812454996		LAB SUPPLIES	\$500.90	
183763	4/6/2023	122	1841098527	GOODYEAR COMM TIRE & SERV CTRS	5 TIRES	\$761.85	\$761.85
183759	4/6/2023		1597597	COGENT SOLUTIONS & SUPPLIES	10 CS COMPOSTABLE UTENSILS	\$695.82	\$695.82
183758	4/6/2023	132	276880	CLAREMONT BEHAVIORAL SERVICES	APR 2023 EAP PREMIUMS	\$667.00	\$667.00
183751	4/6/2023	130	17864590	BLAISDELL'S	ASTD OFFICE SUPPLIES	\$664.44	\$664.44
183794	4/6/2023	121	51175	WECO INDUSTRIES LLC	SMALL TRUCK/CAMERA REPAIRS & PARTS	\$660.07	\$660.07
183756	4/6/2023	114	20230330	GUSTAVO CARRILLO	EXP REIMB: PE LICENSE RENEWAL	\$180.00	\$647.96
	4/6/2023	114	20230330.1		EXP REIMB: MARCON CONF PER DIEM AND TAXI	\$467.96	
183765	4/6/2023	130	170538	HANIGAN COMPANY INC	5000 SECURITY PRINT WINDOW ENVELOPES W/ NEW LOGO	\$602.33	\$602.33
183781	4/6/2023		179316	PREFERRED ALLIANCE INC	DEC 2022 SERVICE FEE	\$515.67	\$515.67
183853	4/13/2023	150	20230411	THERESA VASQUEZ	EXP REIMB: SPRING BBQ	\$512.36	\$512.36
183800	4/13/2023		41018	ABOVE ALL PLUMBING, INC.	REFUND # 57250	\$500.00	\$500.00
183835	4/13/2023		43068	EARNEST MARIE MOORE	REFUND # 57244	\$500.00	\$500.00
183836	4/13/2023		37943	MSC CONSTRUCTION	REFUND # 54070	\$500.00	\$500.00
183828	4/13/2023	173	21021814	INFOR PUBLIC SECTOR, INC	HANSEN CONSULTING SERVICES	\$480.00	\$480.00

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183813	4/13/2023	170	10010079013	CARBOLINE COMPANY	PAINT & RELATED PAINT SUPPLIES	\$23.79	\$473.66
	4/13/2023	170	10010079301		PAINT & RELATED PAINT SUPPLIES	\$449.87	
183848	4/13/2023	111	20230405	SWRCB - STATE WATER RESOURCES	GRADE IV OPERATOR CERTIFICATE EXAM - LANDBOROUGH	\$295.00	\$445.00
	4/13/2023	111	20230405.1		GRADE III OPERATOR EXAM APPLICATION - LANDBOROUGH	\$150.00	
183825	4/13/2023	132	20230412	MEGAN HICKS	EXP REIMB: CWEA & ASSP MEMBERSHIP	\$427.00	\$427.00
183826	4/13/2023		605059685	HILLYARD/SAN FRANCISCO	ASTD JANITORIAL SUPPLIES	\$368.16	\$368.16
183831	4/13/2023	120	20230406	MATTHEW LUBINA	EXP REIMB: ANNUAL TEAM RECOGNITION	\$364.45	\$364.45
183797	4/6/2023	120	20230221	CHRISTOPHER YBARRA-MARTINEZ	EXP REIMB: PER DIEM - CWEA CONFERENCE	\$345.00	\$345.00
183755	4/6/2023	113	706228	CALTEST ANALYTICAL LABORATORY	3 LAB SAMPLE ANALYSIS	\$344.25	\$344.25
183771	4/6/2023	170	544090	KAMAN INDUSTRIAL TECHNOLOGIES	ASTD PARTS & MATERIALS	\$339.90	\$339.90
183840	4/13/2023	132	2202837	OPTIMUM TECHNOLOGIES LLC	AT HOME EMPLOYEE PORTAL	\$337.00	\$337.00
183805	4/13/2023	130	1DR7DDKLNFFC	AMAZON.COM LLC	ASTD OFFICE SUPPLIES	\$61.63	\$328.72
	4/13/2023	113	1F9HWCN11P9H		ASTD OFFICE SUPPLIES	\$52.79	
	4/13/2023	130	1JN4R9L61431		ASTD OFFICE SUPPLIES	\$149.72	
	4/13/2023	170	1W7N9M141VM3		ASTD OFFICE SUPPLIES	\$64.58	
183819	4/13/2023	113	1451702	FISHER SCIENTIFIC	LAB SUPPLIES	\$322.84	\$322.84

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183810	4/13/2023		17864591	BLAISDELL'S	ASTD OFFICE SUPPLIES	\$115.57	\$322.33
	4/13/2023	143	17873110		ASTD OFFICE SUPPLIES	\$103.73	
	4/13/2023	120	17905290		ASTD OFFICE SUPPLIES	\$46.22	
	4/13/2023	120	17905291		ASTD OFFICE SUPPLIES	\$56.81	
183838	4/13/2023	120	20230406	SHAWN NESGIS	EXP REIMB: ANNUAL TEAM RECOGNITION	\$283.88	\$283.88
183754	4/6/2023	120	20230214	STEVE BULLIS	EXP REIMB: PER DIEM - CWEA CONFERENCE	\$276.00	\$276.00
183761	4/6/2023	120	20230221	MANUEL DEL TORO	EXP REIMB: PER DIEM - CWEA CONFERENCE	\$276.00	\$276.00
183777	4/6/2023	120	20230221.2	MICHAEL MINCHACA	EXP REIMB: PER DIEM - CWEA CONFERENCE	\$276.00	\$276.00
183787	4/6/2023	120	20230222.1	STANLEY TARNOWSKI	EXP REIMB: PER DIEM - CWEA CONFERENCE	\$276.00	\$276.00
183832	4/13/2023	120	20230412	ANTHONY MARTINEZ	EXP REIMB: PER DIEM - CWEA CONFERENCE	\$276.00	\$276.00
183770	4/6/2023	173	6071677	INTRADO LIFE & SAFETY INC	E911 ANNUAL SUBSCRIPTION	\$250.00	\$250.00
183821	4/13/2023	144	20230407	ALISA GORDON	EXP REIMB: SAFETY SHOES	\$225.00	\$225.00
183734	4/6/2023	171	61865	ABC FIRE PROTECTION INC	FIRE EXTINGUISHER ANNUALS 2023 - MISSED EXTINGUISHERS	\$223.79	\$223.79
183757	4/6/2023	143	20230329	KEVIN CHUN	EXP REIMB: SAFETY SHOES	\$215.52	\$215.52
183774	4/6/2023		5576581	MALLORY SAFETY AND SUPPLY LLC	48 PR GLOVES	\$215.20	\$215.20
183779	4/6/2023	170	238842	NAYLOR STEEL INC	ASTD METAL, STEEL, STAINLESS & ALUMINUM	\$213.97	\$213.97
183748	4/6/2023	122	26518400	BECK'S SHOES	SAFETY SHOES: L. CARDENAS	\$197.72	\$197.72
183772	4/6/2023	113	20230405	CONGNA LI	EXP REIMB: CWEA WEBINAR	\$20.00	\$178.22
	4/6/2023	113	20230405.1		EXP REIMB: SAFETY SHOES	\$158.22	

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183786	4/6/2023	141	20230228	SPOK INC	MAR 2023 PAGER SERVICE	\$150.68	\$150.68
183827	4/13/2023	170	768520230328	HOME DEPOT CREDIT SERVICES	MONTHLY HARDWARE STMT - MARCH 2023	\$125.12	\$125.12
183798	4/6/2023	113	2302085	ZALCO LABORATORIES INC	LAB ANALYSIS	\$125.00	\$125.00
183823	4/13/2023	120	170693	HANIGAN COMPANY INC	BUSINESS CARDS - F. COUTO	\$63.79	\$119.83
	4/13/2023	140	170810		BUSINESS CARDS - R. THOW	\$56.04	
183767	4/6/2023	132	20230404	MEGAN HICKS	EXP REIMB: 15 RAPID COVID TESTS	\$107.91	\$107.91
183799	4/6/2023		5540	ZELAYA DESIGNS	USD RATE COMPARISON - GRAPHS	\$98.00	\$98.00
183815	4/13/2023	172	1903829245	CINTAS CORPORATION	2 SUMMER JACKETS FOR GUERRERO	\$88.80	\$88.80
183737	4/6/2023	171	9135954389	AIRGAS NCN	FALL PROTECTION ACCESORIES	\$57.80	\$57.80
183852	4/13/2023	136	98XW53113	UPS - UNITED PARCEL SERVICE	SHIPPING CHARGES W/E 03/18/23	\$56.47	\$56.47
183816	4/13/2023	120	20230410	MICHAEL DELA ROSA	EXP REIMB: DMV LICENSE RENEWAL	\$54.12	\$54.12
183818	4/13/2023	144	20230410	ALICIA DUTROW	EXP REIMB: TEACHER PRIZE, SCHOOL OUTREACH	\$50.00	\$50.00
183792	4/6/2023	136	98XW53103	UPS - UNITED PARCEL SERVICE	SHIPPING CHARGES W/E 03/11/23	\$46.79	\$46.79
183784	4/6/2023	132	20230403	NASIHA RAHMAN	EXP REIMB: LIVESCAN FEE PRE-EMPLOYMENT	\$45.00	\$45.00
183789	4/6/2023		20230404	KAROLINE TERRAZAS	EXP REIMB: SNACKS FOR LEADERSHIP DEVELOPMENT PROGRAM	\$43.32	\$43.32

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Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
Invoices:					Checks:		
Credit Memos :			1	-37.64			
\$0 - \$1,000 :			129	40,193.51	\$0 - \$1,000 :	60	22,716.71
\$1,000 - \$10,000 :			60	248,662.42	\$1,000 - \$10,000 :	45	169,184.22
\$10,000 - \$100,000 :			14	316,348.26	\$10,000 - \$100,000 :	14	285,263.59
Over \$100,000 :			5	1,889,967.30	Over \$100,000 :	4	2,017,969.33
Total:			209	2,495,133.85	Total:	123	2,495,133.85

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*Borrower(s) to remain current on their property taxes and homeowner insurance and HOA fees, occupy home as primary residence and maintain the property.



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Bringing Back the Natives Garden Tour and Green Home Features Showcase

SUBMITTED BY KATHY KRAMER
PHOTOS BY STEFANIE PRUEGEL

Registration for the free, Nineteenth Annual "Bringing Back the Natives Garden Tour and Green Home Features Showcase" is now open! This year there will be four days of inspiration: two days online in April, and two days in person in May. And, for the second time, the tour will also showcase green home features.

What's special about California native plants? They are adapted to our soil and climate, naturally water conserving, and easy to care for. California native plants are better than non-native plants when it comes to attracting native birds,

butterflies, and other forms of wildlife. And, as the gardens on the Tour show, these lovely gardens display a sense of place that is uniquely Californian.

Online Tour

The online portion of the event will take place on the weekend of April 15 and 16. Inspirational best-selling author Doug Tallamy will kick off the event with a keynote presentation. The online tour will feature beautiful native plant gardens that attract birds, bees, and butterflies, as well as visits to homes with solar panels and backup batteries, heat pumps for heating and cooling the house and heating water, induction ranges, and more.

In-Person Tour

On May 6 and 7, registrants will get the chance to visit more than fifty beautiful, water-conserving native plant gardens. All of the homes have gardens; twenty will be sharing their green home features, such as solar panels and batteries, induction ranges, heat pumps, and more.

Registrants will learn how design a native plant garden for color and interest throughout the year, garden to support local wildlife, lower their water bills,

protect their family's health and the environment by gardening without using pesticides. People will also have the chance to ask questions about electrification.

For more information, about the garden tour contact Kathy@KathyKramerConsulting.net or call (510) 236-9558 between 9 a.m. and 6 p.m.

Bringing Back the Natives Garden Tour

Online Garden Tour

Saturday & Sunday, Apr 15 & 16
10 a.m. – 3 p.m.

Via Zoom, livestreamed on YouTube

In-Person Garden Tour

Saturday & Sunday, May 6 and 7
10 a.m. – 5 p.m.

Various Locations

Registration:

<https://www.bringingbackthenatives.net/>

