



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

**Monday, October 24, 2022
Regular Meeting - 4:00 P.M.**

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

Directors

Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

Officers

Paul R. Eldredge
*General Manager/
District Engineer*

Karen W. Murphy
Attorney

CORONAVIRUS (COVID-19) ADVISORY NOTICE

This meeting will be held pursuant to Government Code Section 54953 (as amended by AB 361), which authorizes teleconferenced meetings under the Brown Act during a proclaimed state of emergency. The Governor of California proclaimed a State of Emergency related to COVID-19 on March 4, 2020. Consistent with Government Code Section 54953, this meeting will not be physically open to the public and Board Members will be teleconferencing into the meeting. **To maximize public safety while still maintaining transparency and public access, members of the public can observe the meeting by following the steps listed below, and may provide public comment by sending comments to the Board Clerk by email at assistanttogm@unionsanitary.ca.gov before or during the meeting or via voicemail by calling 510-477-7599 before 3:00 p.m. on the date of the meeting.** Comments will then be read into the record, with a maximum allowance of 3 minutes per individual comment, subject to the Board President's discretion. All comments should be a maximum of 500 words, which corresponds to approximately 3 minutes of speaking time. If a comment is received after the agenda item is heard but before the close of the meeting, the comment will still be included as a part of the record of the meeting but will not be read into the record.

Any member of the public who needs accommodations should email or call the Board Clerk, assistanttogm@unionsanitary.ca.gov or 510-477-7503, who will use their best efforts to provide reasonable accommodations to provide as much accessibility as possible while also maintaining public safety in accordance with the Union Sanitary District procedure for resolving reasonable accommodation requests.

To listen to this Regular Board Meeting:

Call: 1-888-788-0099 or 1-877-853-5247

Meeting ID: 832 0617 6216 #

Participant ID: #

Click the Zoom link below to watch and listen:

<https://us02web.zoom.us/j/83206176216>

	1.	Call to Order.
	2.	Salute to the Flag. (This item has been suspended until in-person meetings resume.)
	3.	Roll Call.
Motion	4.	Approve Minutes of the Union Sanitary District Board Meeting of October 10, 2022.
Motion	5.	Approve Minutes of the Union Sanitary District Special Board Meeting of October 13, 2022.
Information	6.	September 2022 Monthly Operations Report <i>(to be reviewed by the Budget & Finance and Legal/Community Affairs Committees)</i> .
	7.	Written Communications.
	8.	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	9.	Consider Confirming and Declaring the Need to Continue the Emergency Action to Repair Two Sewer Lines in the City of Fremont Damaged by Fiber Optic Line Installation <i>(to be reviewed by the Engineering and Information Technology Committee)</i> .
Motion	10.	Reject All Bids Received for the Cherry Pump Station Improvements Project and Authorize Staff to Re-bid the Project <i>(to be reviewed by the Engineering and Information Technology Committee)</i> .
Motion	11.	Consider Creating a Fats, Oils, and Grease (FOG) Holiday Advertisement Ad Hoc Committee and Appoint Two Board Members to the Committee.
Motion	12.	Authorize the General Manager to Execute Task Order No. 8 with West Yost Associates for the Force Main Corrosion Repairs Project – Phase 4 <i>(to be reviewed by the Engineering and Information Technology Committee)</i> .
Motion	13.	Authorize the General Manager to Execute Contract Change Order No. 32 with Kiewit Infrastructure West Co. for the Alvarado Influent Pump Station Improvements Project <i>(to be reviewed by the Engineering and Information Technology Committee)</i> .
Motion	14.	Authorize the General Manager to Execute Amendment No. 1 to Task Order No. 1 with Beecher Engineering, Inc. for the Switchboard No. 3 and Motor Control Center No. 25 Replacement Project <i>(to be reviewed by the Engineering and Information Technology Committee)</i> .
Motion	15.	Award the Contract for the Supply of Electrical Equipment to KBL Associates for the Switchboard No. 3 and Motor Control Center No. 25 Replacement Project <i>(to be reviewed by the Engineering and Information Technology Committee)</i> .

Motion	16.	COVID-19 Update and Consider Adoption of a Resolution Authorizing the Use of Teleconference Meetings in Compliance with AB 361.
Information	17.	Board Expenses for 1 st Quarter of Fiscal Year 2023 <i>(to be reviewed by the Budget & Finance Committee)</i> .
Information	18.	CAL-Card 1 st Quarter Fiscal Year 2023 Activity Report <i>(to be reviewed by the Budget & Finance Committee)</i> .
Information	19.	Status Report on Computer Purchase and Student Loan Program <i>(to be reviewed by the Budget & Finance Committee)</i> .
Information	20.	Check Register.
Information	21.	Committee Meeting Reports. <i>(No Board action is taken at Committee meetings)</i> : <ul style="list-style-type: none"> a. Budget & Finance Committee – Wednesday, October 19, 2022, at 9:00 a.m. <ul style="list-style-type: none"> • Director Fernandez and Director Toy b. Engineering and Information Technology Committee – Thursday, October 20, 2022, at 11:30 a.m. <ul style="list-style-type: none"> • Director Handley and Director Lathi c. Legal/Community Affairs Committee – Friday, October 21, 2022, at 10:30 a.m. <ul style="list-style-type: none"> • Director Handley and Director Lathi d. Investment & Portfolio Committee – will not meet. e. Legislative Committee – will not meet. f. Personnel Committee – will not meet.
Information	22.	General Manager’s Report. <i>(Information on recent issues of interest to the Board)</i> .
	23.	Other Business: <ul 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.
	24.	Adjournment – The Board will adjourn to the next Regular Board Meeting to be held virtually on Monday, November 14, 2022, at 4:00 p.m.

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



USD TREAT
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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

BUDGET & FINANCE COMMITTEE MEETING

Committee Members: Director Fernandez and Director Toy

AGENDA

Wednesday, October 19, 2022

9:00 A.M.

Alvarado Conference Room

5072 Benson Road

Union City, CA 94587

This meeting will be held pursuant to Government Code Section 54953 (as amended by AB 361), which authorizes teleconferenced meetings under the Brown Act during a proclaimed state of emergency. The Governor of California proclaimed a State of Emergency related to COVID-19 on March 4, 2020. Consistent with Government Code Section 54953, this meeting will not be physically open to the public and all Board Members will be teleconferencing into the meeting via conference call. To maximize public safety while still maintaining public access, members of the public can observe the meeting by calling 510-477-6190 to listen to the committee meeting, and may provide public comment by sending comments to the Board Clerk by email anytime during the meeting at assistanttogm@unionsanitary.ca.gov or via voicemail by calling 510-477-7599 up to one hour before the scheduled meeting start time.

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 October 24, 2022:

- September 2022 Monthly Operations Report – Financial Reports
- Board Expenses for 1st Quarter of Fiscal Year 2023
- CAL-Card 1st Quarter Fiscal Year 2023 Activity Report
- Status Report on Computer Purchase and Student Loan Program

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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ENGINEERING AND INFORMATION TECHNOLOGY COMMITTEE MEETING

Committee Members: Director Handley and Director Lathi

AGENDA

Thursday, October 20, 2022

11:30 A.M.

Alvarado Conference Room

5072 Benson Road

Union City, CA 94587

This meeting will be held pursuant to Government Code Section 54953 (as amended by AB 361), which authorizes teleconferenced meetings under the Brown Act during a proclaimed state of emergency. The Governor of California proclaimed a State of Emergency related to COVID-19 on March 4, 2020. Consistent with Government Code Section 54953, this meeting will not be physically open to the public and all Board Members will be teleconferencing into the meeting via conference call. To maximize public safety while still maintaining public access, members of the public can observe the meeting by calling 510-477-6190 to listen to the committee meeting, and may provide public comment by sending comments to the Board Clerk by email anytime during the meeting at assistanttgm@unionsanitary.ca.gov or via voicemail by calling 510-477-7599 up to one hour before the scheduled meeting start time.

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 October 24, 2022:**

- Consider Confirming and Declaring the Need to Continue the Emergency Action to Repair Two Sewer Lines in the City of Fremont Damaged by Fiber Optic Line Installation
- Reject All Bids Received for the Cherry Pump Station Improvements Project and Authorize Staff to Re-bid the Project
- Authorize the General Manager to Execute Task Order No. 8 with West Yost Associates for the Force Main Corrosion Repairs Project – Phase 4
- Authorize the General Manager to Execute Contract Change Order No. 32 with Kiewit Infrastructure West Co. for the Alvarado Influent Pump Station Improvements Project
- Authorize the General Manager to Execute Amendment No. 1 to Task Order No. 1 with Beecher Engineering, Inc. for the Switchboard No. 3 and Motor Control Center No. 25 Replacement Project

- Award the Contract for the Supply of Electrical Equipment to KBL Associates for the Switchboard No. 3 and Motor Control Center No. 25 Replacement 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.



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*General Manager/
District Engineer*

Karen W. Murphy
Attorney

LEGAL/COMMUNITY AFFAIRS COMMITTEE MEETING

Committee Members: Director Handley and Director Lathi

AGENDA

Friday, October 21, 2022

10:30 A.M.

Alvarado Conference Room

5072 Benson Road

Union City, CA 94587

This meeting will be held pursuant to Government Code Section 54953 (as amended by AB 361), which authorizes teleconferenced meetings under the Brown Act during a proclaimed state of emergency. The Governor of California proclaimed a State of Emergency related to COVID-19 on March 4, 2020. Consistent with Government Code Section 54953, this meeting will not be physically open to the public and all Board Members will be teleconferencing into the meeting via conference call. To maximize public safety while still maintaining public access, members of the public can observe the meeting by calling 510-477-6190 to listen to the committee meeting, and may provide public comment by sending comments to the Board Clerk by email anytime during the meeting at assistanttogm@unionsanitary.ca.gov or via voicemail by calling 510-477-7599 up to one hour before the scheduled meeting start time.

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 October 24, 2022:

- September 2022 Monthly Operations Report – Odor and Workgroup Reports

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
October 10, 2022**

This meeting was held pursuant to Government Code Section 54953 (as amended by AB 361), which authorizes teleconferenced meetings under the Brown Act during a proclaimed state of emergency. The Governor of California proclaimed a State of Emergency related to COVID-19 on March 4, 2020. Consistent with Government Code Section 54953, this meeting was not physically open to the public and all Board Members teleconferenced into the meeting. To maximize public safety while still maintaining transparency and public access, members of the public were able to observe the Board Meeting and provide public comment by sending comments to the Board Clerk.

CALL TO ORDER

President Lathi called the meeting to order at 4:00 p.m. The regular meeting time was modified due to the COVID-19 emergency.

SALUTE TO THE FLAG

ROLL CALL

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

ABSENT: 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
Raymond Chau, Technical Services Manager
Allan Briggs, Interim Customer Service Team Coach
Chris Pachmayer, FMC Electrical & Technology Coach
Matthew Lubina, Collection Services MTV Coach
Gus Carrillo, Enhanced Treatment and Site Upgrade Assistant Engineer
Ric Pipkin, Enhanced Treatment and Site Upgrade Program Manager
Michelle Powell, Communications and Intergovernmental Relations Coordinator
Trieu Nguyen, IT Administrator
Sharon Anderson, Administrative Specialist
Regina McEvoy, Executive Assistant to the General Manager/Board Clerk

APPROVE MINUTES OF THE UNION SANITARY DISTRICT BOARD MEETING OF SEPTEMBER 26, 2022

It was moved by Director Handley, seconded by Secretary Toy, to Approve the Minutes of the Board Meeting of September 26, 2022. Motion carried with the following vote:

AYES: Fernandez, Handley, Lathi, Toy
NOES: None
ABSTAIN: None
ABSENT: Kite

WRITTEN COMMUNICATIONS

There were no written communications.

PUBLIC COMMENT

There was no public comment.

REVIEW AND CONSIDER PROPOSED CHANGES TO ORDINANCE 36.04 RELATING TO ENVIRONMENTAL COMPLIANCE ADMINISTRATIVE FINES UNDER CERTAIN CIRCUMSTANCES

This item was reviewed by the Legal/Community Affairs Committee. Environmental Compliance Team Coach Dunning presented a desk item incorporating proposed language edits to Ordinance 36.04. During a previous meeting, the Board directed staff to submit draft language revisions that would give staff flexibility to waive or reduce fines under certain circumstances. Staff was directed to submit Ordinance 36.04 with proposed edits to the Regional Board before resubmitting to the USD Board for formal consideration.

It was moved by Director Handley, seconded by Vice President Fernandez, to Approve Proposed Edits to Ordinance No. 36.04, Sewer Use Ordinance, and Directed Staff to Present the Proposed Edits to the Regional Water Quality Control Board for Review and Consideration. Motion carried with the following vote:

AYES: Fernandez, Handley, Lathi, Toy
NOES: None
ABSTAIN: None
ABSENT: Kite

CONSIDER CONFIRMING AND DECLARING THE NEED TO CONTINUE THE EMERGENCY ACTION TO REPAIR TWO SEWER LINES IN THE CITY OF FREMONT DAMAGED BY FIBER OPTIC LINE INSTALLATION

This item was reviewed by the Engineering and Information Technology Committee. Technical Services Manager Chau stated that on September 12, 2022, the Board adopted Resolution No. 2982 declaring an emergency and authorizing the expenditure of funds to allow staff to proceed with the repair of two sewer lines in the City of Fremont. Pursuant to Public Contract Code section 22050, the Board is required to review the status of

emergency action at each subsequent meeting until the emergency action is terminated and authorize continuation of the emergency action by a four-fifths vote. Staff recommended the Board adopt a motion by a four-fifths vote declaring a continuance of emergency and authorizing continued repair of the two sewer lines in the City of Fremont.

It was moved by Vice President Fernandez, seconded by Secretary Toy, to Adopt a Motion by a Four-Fifths Vote Declaring a Continuance of Emergency and Authorizing Continued Repair of the Two Sewer Lines in the City of Fremont Damaged by Fiber Optic Line Installation. Motion carried with the following vote:

AYES: Fernandez, Handley, Lathi, Toy
NOES: None
ABSTAIN: None
ABSENT: Kite

COVID-19 UPDATE AND CONSIDER ADOPTION OF RESOLUTION AUTHORIZING THE USE OF TELECONFERENCE MEETINGS IN COMPLIANCE WITH AB 361

General Manager Eldredge provided an update regarding COVID-19 impacts on District operations and coordination efforts. AB 361 requires public agencies to make findings by majority vote within 30 days of the first teleconferenced meeting under AB 361 and every 30 days thereafter that a state of emergency still exists and continues to directly impact the ability of the members to meet safely in person, or that officials continue to impose or recommend measures to promote social distancing. The District is continuing to hold teleconferenced meetings as allowed under AB 361 due to the ongoing public health threat of COVID-19. The proposed resolution includes findings required by AB 361 to allow the District to hold teleconferenced meetings. Staff provided an update on the status of the COVID-19 Emergency Order. Staff recommended the Board adopt a resolution authorizing the use of teleconference meetings in compliance with AB 361.

It was moved by Secretary Toy, seconded by Vice President Fernandez, to Adopt Resolution No. 2985 Authorizing the Use of Teleconference Meetings in Compliance with AB 361. Motion carried with the following vote:

AYES: Fernandez, Handley, Lathi, Toy
NOES: None
ABSTAIN: None
ABSENT: Kite

INFORMATION ITEMS:

Update on Fats, Oils, and Grease (FOG) Public Outreach Campaign

This item was reviewed by the Legal/Community Affairs Committee. Communications and Intergovernmental Relations Coordinator Powell stated staff incorporated the new USD Tri-City Wastewater logo and updated the color palette of the existing FOG ads that will be published in the Argus and Tri-City Voice newspapers during the upcoming holiday season.

Check Register

There were no questions regarding the check register.

COMMITTEE MEETING REPORTS:

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

GENERAL MANAGER'S REPORT:

- The General Manager will present at the Fremont Rotary Club meeting on Wednesday, October 19, 2022.
- The General Manager's recent presentation at the Newark Rotary Club meeting was well received; discussion included reclaimed water, PFAS, and how USD rates compare to other wastewater agencies.
- The State Water Resources Control Board meeting held October 3, 2022, included a discussion regarding adding projects to the SRF funding list.
- USD will participate in a Verily and Stanford Wastewater monitoring program that will test for COVID-19 and other pathogens present in wastewater. One sample from each drainage basin will be taken twice a week for a total of 6 samples per week. The program will be funded through January 21, 2024.
- The General Manager provided a general overview of new Brown Act legislation AB 2449. This does not replace AB 361; remote meetings are still allowed under AB 361. Additional detail will be provided during the next legislative update to be presented to the Board in December. The December legislative report will include the results of the November election.
- A Board Closed Session will be held October 13, 2022.

OTHER BUSINESS:

There was no other business.

ADJOURNMENT:

The meeting was adjourned at 4:29 p.m. to a Special Board Meeting to be held virtually on Thursday, October 13, 2022, at 4:00 p.m.

SUBMITTED:

ATTEST:

SHARON ANDERSON
ADMINISTRATIVE SPECIALIST

JENNIFER TOY
SECRETARY

APPROVED:

ANJALI LATHI
PRESIDENT

Adopted this 24th day of October 2022

**MINUTES OF THE SPECIAL MEETING OF THE
BOARD OF DIRECTORS OF
UNION SANITARY DISTRICT
October 13, 2022**

This meeting was held pursuant to Government Code Section 54953 (as amended by AB 361), which authorizes teleconferenced meetings under the Brown Act during a proclaimed state of emergency. The Governor of California proclaimed a State of Emergency related to COVID-19 on March 4, 2020. Consistent with Government Code Section 54953, this meeting was not physically open to the public and all Board Members teleconferenced into the meeting. To maximize public safety while still maintaining transparency and public access, members of the public were able to observe the Board Meeting and provide public comment by sending comments to the Board Clerk.

CALL TO ORDER

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

ROLL CALL

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

ABSENT: Pat Kite, Director

STAFF: Paul Eldredge, General Manager/District Engineer

PUBLIC COMMENT

There was no public comment.

CLOSED SESSION

The Union Sanitary District Board of Directors adjourned to closed session for the following:

PUBLIC EMPLOYEE PERFORMANCE EVALUATION

Pursuant to Government Code Section 54957

Title: General Manager

CONFERENCE WITH LABOR NEGOTIATORS

Agency designated representatives: President Lathi and Vice President Fernandez

Unrepresented employee: General Manager

There was no reportable action.

ADJOURNMENT:

The special meeting was adjourned at approximately 7:30 p.m. to the next Regular Board Meeting to be held Monday, October 24, 2022, at 4:00 p.m.

SUBMITTED:

ATTEST:

REGINA McEVOY
BOARD CLERK

JENNIFER TOY
SECRETARY

APPROVED:

ANJALI LATHI
PRESIDENT

Adopted this 24th day of October, 2022



Union Sanitary District

Monthly Operations Report September 2022



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2022 MONTHLY OPERATIONS REPORT

The September 2022 Monthly Operations Report highlights the District's performance in the following areas:

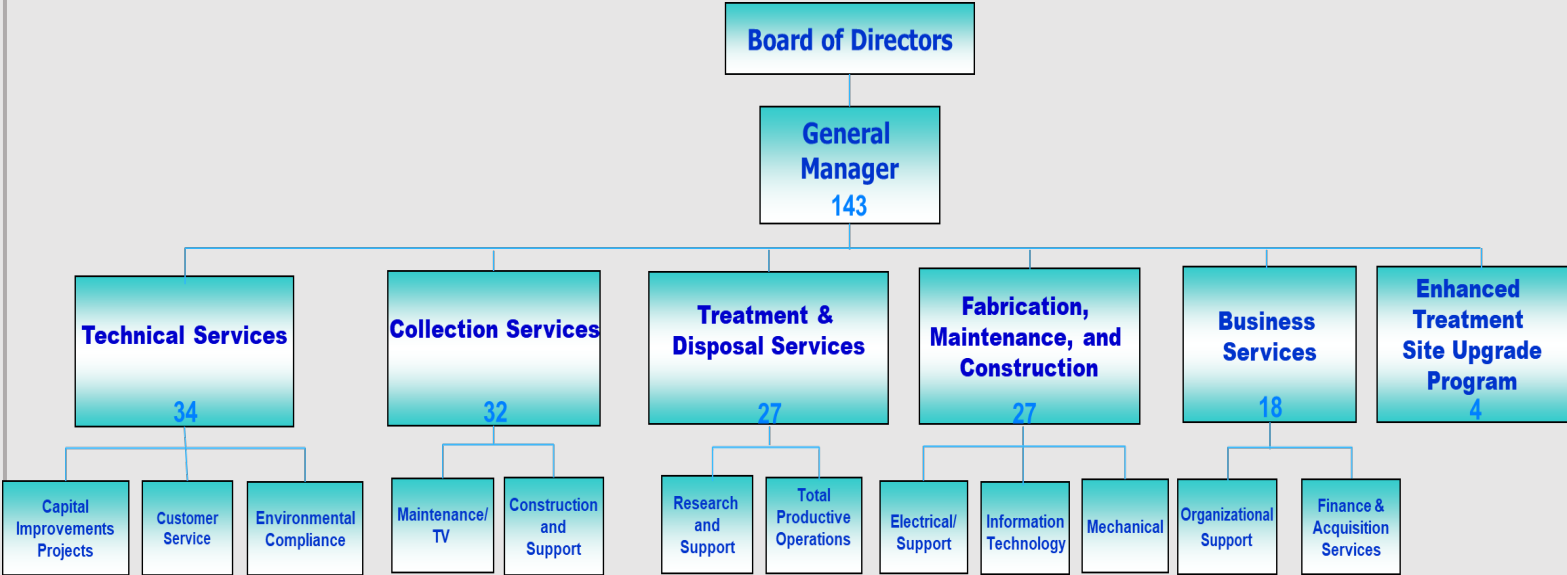
- **Organizational Overview**
- **Financial Reports**
 - Budget and Finance Report
 - Investment Portfolio
 - Portfolio Holdings by Asset Class and by Maturity Range
- **Customer Relations**
 - Odor Investigations and Response
 - Service Request and Response
 - Communication and Outreach
- **Plant Operations**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

2022 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

2022 MONTHLY OPERATIONS REPORT

Total Revenues and Expenditures

FY 2023

Year-to-date as of 9/30/22

25% of year elapsed

Revenues

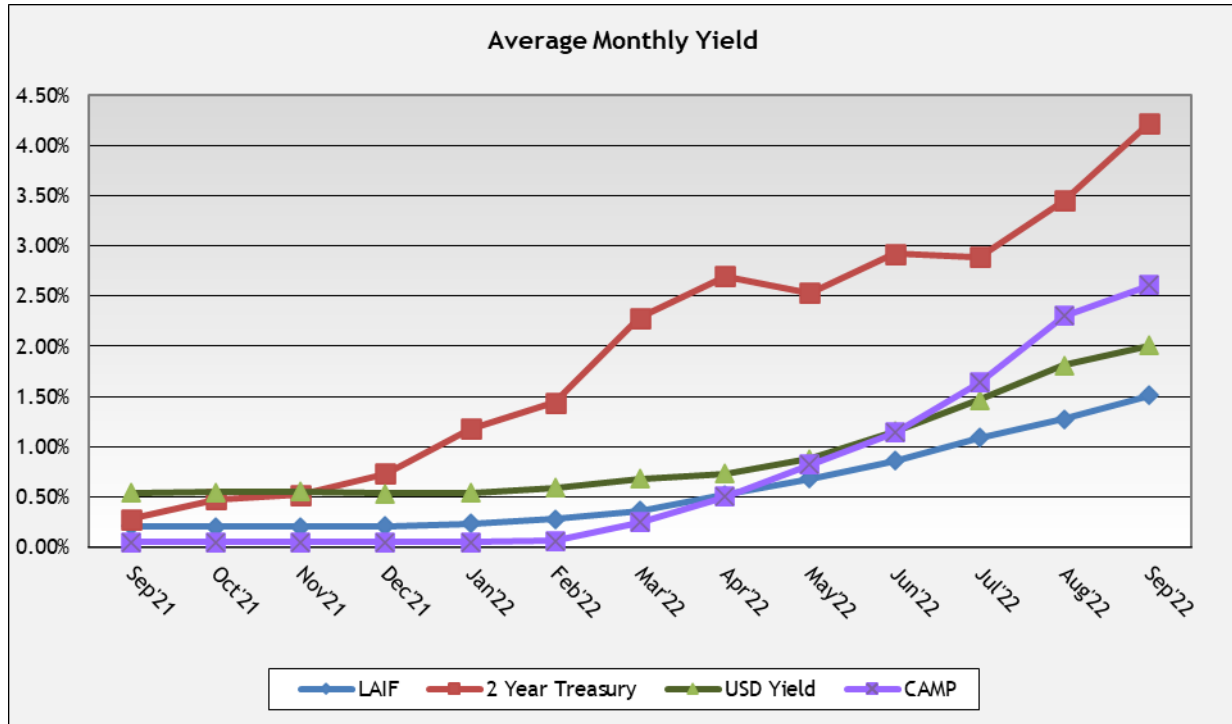
	Budget	Actual	% of Budget Rec'd	Unaudited Last Year Actuals 6/30/22
Capacity Fees	\$ 7,467,000	\$ 2,411,093	32%	\$ 11,145,152
Sewer Service Charges	76,965,000	467	0%	70,114,046
Operating (Includes work groups and fund 85)	1,234,500	166,562	13%	1,176,817
Interest	1,385,000	788,590	57%	1,110,617
Misc. (Annex fees, forfeited deposits, Heliovaas)	-	20,624	0%	1,597,278
Subtotal Revenues	<u>\$ 87,051,500</u>	<u>\$ 3,387,336</u>	<u>4%</u>	<u>\$ 85,143,911</u>
Bond Proceeds	-	-	0.0%	110,626,705
Total Revenues + Bond Proceeds	\$ 87,051,500	\$ 3,387,336	4%	\$ 195,770,615

Expenses

	Budget	Actual	% of Budget Used	Unaudited Last Year Actuals 6/30/22
Capital Improvement Program:				
Capacity Proj.	\$ 15,624,000	\$ 684,969	4%	\$ 10,044,400
Renewal & Repl. Proj.	53,206,200	2,842,267	5%	12,017,217
Operating (includes fund 85)	50,509,850	11,499,686	23%	43,110,942
Special Projects	3,238,000	229,164	7%	710,841
Retiree Medical (ADC)	1,400,000	900,000	64%	1,430,142
115 Pension Trust	3,000,000	-	0%	3,000,000
Vehicle & Equipment	171,000	-	0%	-
Information Systems	1,207,500	64,221	5%	311,868
Plant & Pump Stat. R&R	400,000	-	0%	224,697
Emerg. Fund	-	-	0%	-
Cty Fee for SSC Admin.	113,000	-	0%	111,726
Debt Servicing:				
SRF Loans	-	-	0%	7,712
Bonds	9,017,480	7,152,169	79%	7,120,147
WIFIA	-	-	0%	362,228
Total Expenses	<u>\$ 137,887,030</u>	<u>\$ 23,372,476</u>	<u>17%</u>	<u>\$ 78,451,919</u>
Total Revenue & Proceeds less Expenses	\$ (50,835,530)	\$ (19,985,140)		117,318,696

Investment Portfolio

Performance Measures for the USD Investment Portfolio



	May'22	Jun'22	Jul'22	Aug'22	Sep'22
LAIF	0.68%	0.86%	1.09%	1.28%	1.51%
2 Year Treasury	2.53%	2.92%	2.89%	3.45%	4.22%
USD Yield	0.88%	1.16%	1.47%	1.81%	2.01%
CAMP	0.82%	1.14%	1.64%	2.30%	2.61%

LAIF: Local Agency Investment Fund Yield

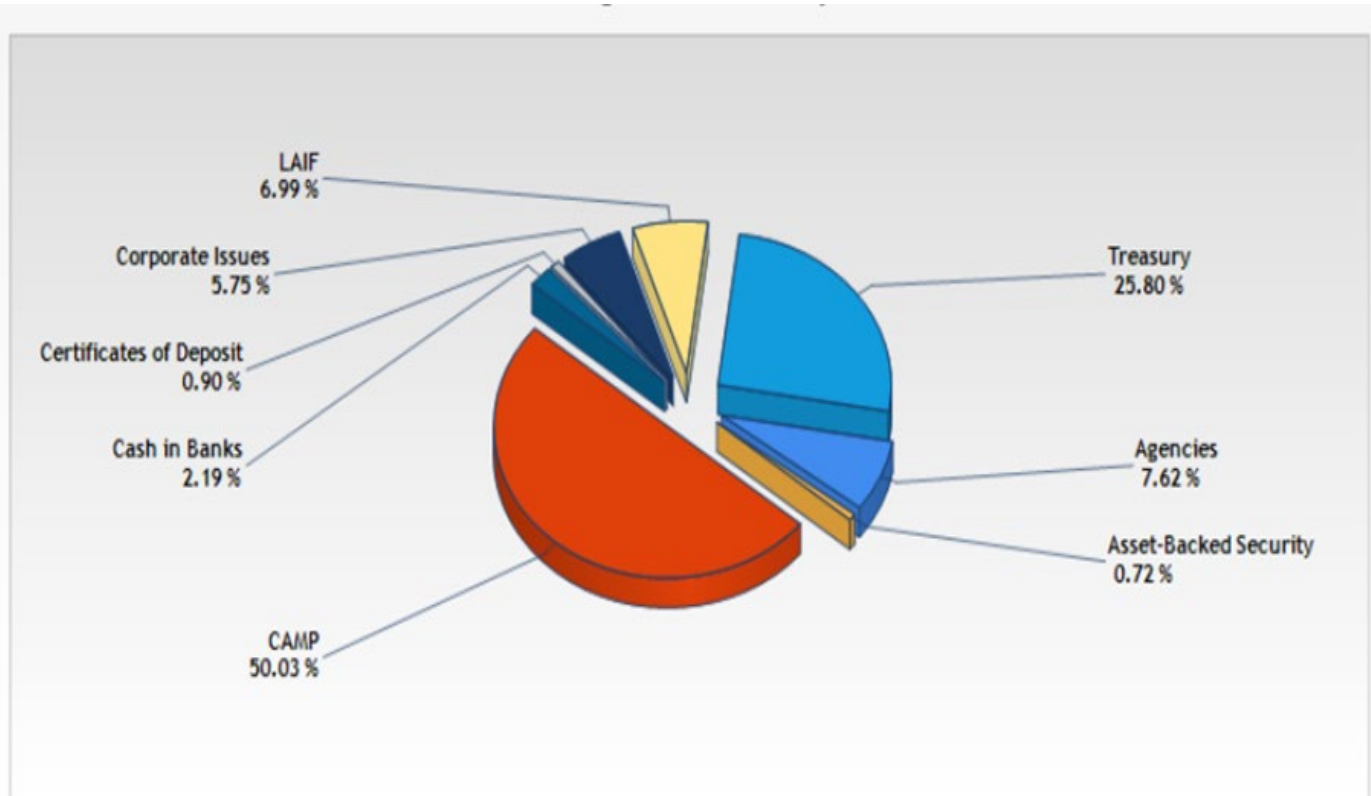
2 Year Treasury: Yield for investing in 2-Year U.S. Treasury security

USD Yield: Summarizes USD portfolio's yield

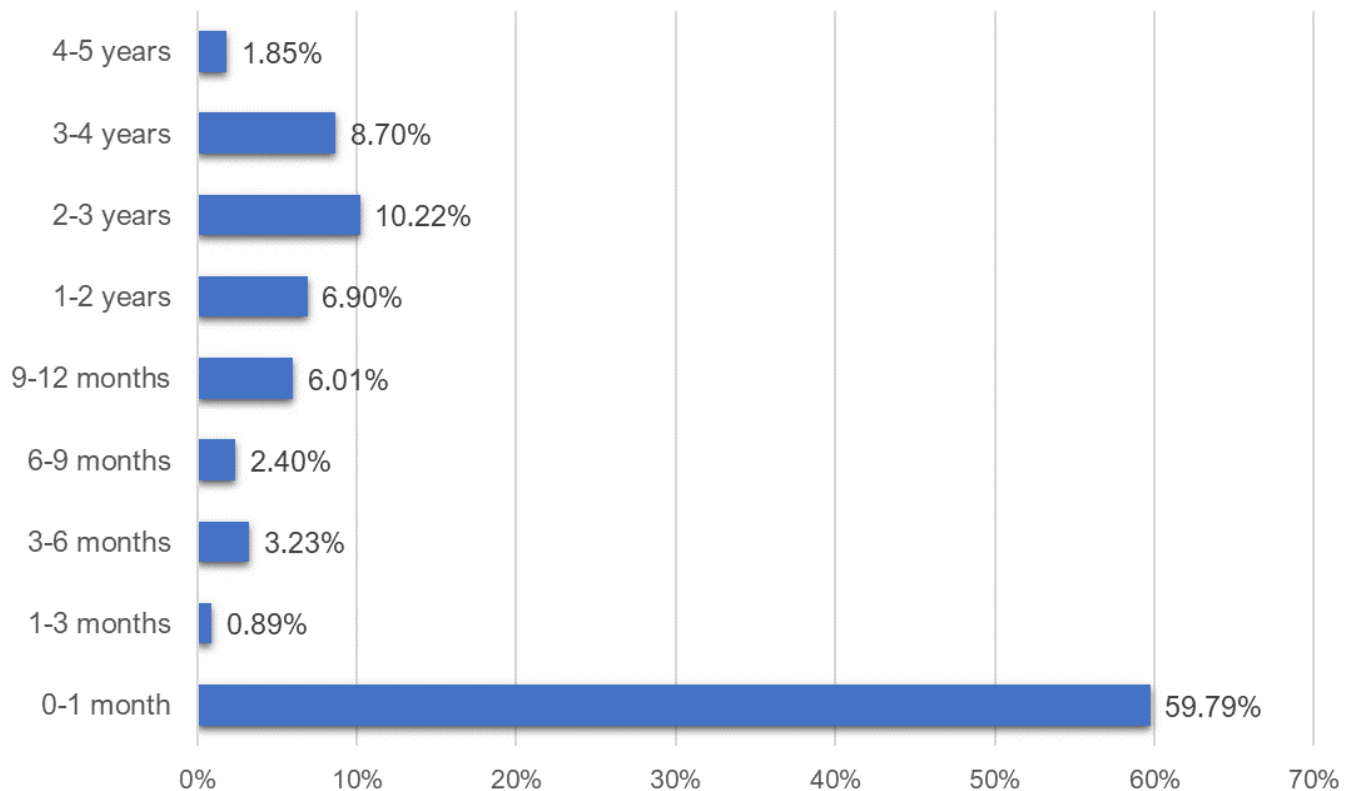
CAMP: California Asset Management Program Yield

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 September 1, 2022, through September 30, 2022, there were 5 odor related service request(s) received by the District.

City	Fremont		
District Related:	No	Date/Time:	9/5/2022 7:20PM
Location:	Hillview Drive	Reported by:	Christina
Weather/Temp:	Clear / 90°F	Wind:	None / 0 mph

Response and Follow-up: Caller reported her combustible sniffer was reading high in parts of her yard and in her sewer clean out but reported that there were no odors present at the time of her call to USD. USD staff responded to the location. Utilizing a USD gas detector, checked the lateral/clean out and the sewer mains in the area. No odors or gases were detected. The Trouble Call Inspector noted that they observed (2) dead rats in traps under the house.

Recommended that homeowner remove dead rats, which could be cause of odors and call PG&E if they still believe gas may be present. No odors were found.

City	Fremont		
District Related:	No	Date/Time:	9/23/2022 10:02AM
Location:	Blacow Road	Reported by:	Martin Serena
Weather/Temp:	Sunny / 73°F	Wind:	North West / 2 mph

Response and Follow-up: Caller reported an odor coming from underneath their home, concerned that there may be gas present. USD staff responded to the location. Upon arrival, there was no unusual smells or odors detected. The inspector proceeded to check the upstream and downstream manholes and found no issues with the structures in the area. Additionally, no gases were detected by the gas detector. The homeowner explained the area of concern was the center of home, in the crawl space. Noted that the house had been vacant for 6 months. Possibility of lines being dry and new flow stirring up dried solids in the pipe, which could have created initial odors. No odors were present at time of inspection. Homeowner shared that he planned to have lines televised by a plumber. No odors detected.

City	Union City		
District Related:	No	Date/Time:	9/23/2022 9:30PM
Location:	MACKINAW ST	Reported by:	Sam Dua
Weather/Temp:	Clear / 69°F	Wind:	West / 6.4 mph

Response and Follow-up: Customer called with an odor complaint, citing the treatment plant as the source of the odor. He stated he detected a sewage smell. USD staff was dispatched to the location and an odor was not detected. An on-site investigation was conducted and no odor was detected at the treatment plant.

The odor control system was working properly. At the time of the initial odor report, the tide level was low. No odor was found.

Union Sanitary District Odor Map and Report

City	Fremont		
District Related:	No	Date/Time:	9/24/2022 12:00PM
Location:	Tamayo Street	Reported by:	Tony Connell
Weather/Temp:	Clear / 75°F	Wind:	North West / 4.6 mph

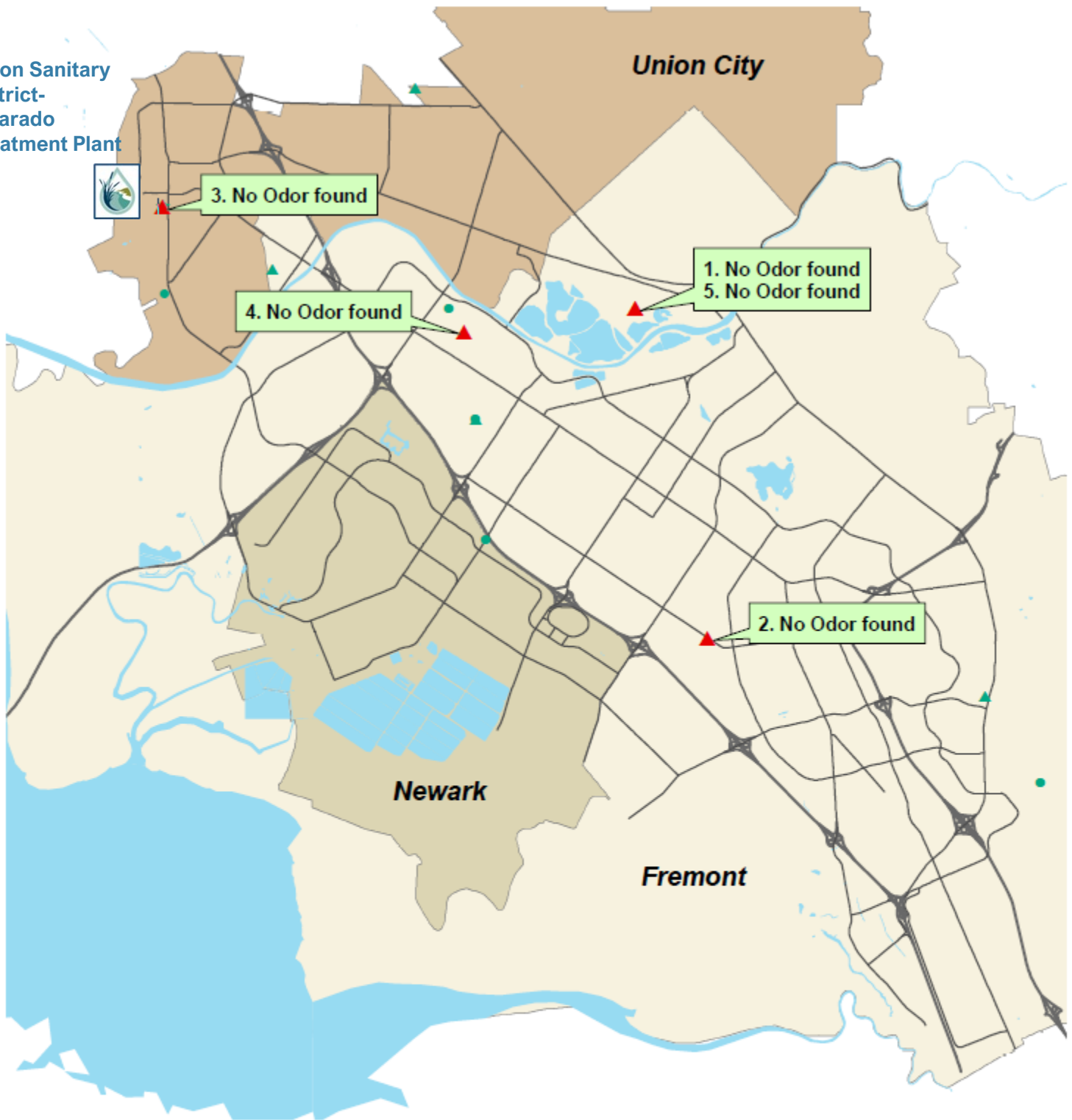
Response and Follow-up: Caller reported an odor coming from a manhole in the area of Tamayo Street and Galene Place. USD Trouble Call Inspector responded to the area. No odor was detected at the time of arrival. Checked surrounding area and several USD manholes upstream and downstream and found no odor smells or detected any gases with gas detector. There was no visual evidence of any odor causing conditions. Contacted caller and caller indicated that the smell was present a few hours before he called it in. Encouraged caller to call again if smell returns.

City	Fremont		
District Related:	No	Date/Time:	9/24/2022 1:55 AM
Location:	Hillview Drive	Reported by:	Christina
Weather/Temp:	Clear / 68°F	Wind:	South East/ 0.621 mph

Response and Follow-up: Homeowner reported odor smell from inside their house. A USD inspector responded and checked the USD mains upstream and downstream, nearby storm drains, and surrounding area. Everything was found to be normal and no odors were detected. There was also no visual evidence of any odor causing conditions. Spoke with homeowner, homeowner said odor was present when they woke up and in walkway to bathroom and then went away. Encouraged homeowner to call if odor returns. No odor was found.

Union Sanitary District Odor Map and Report

Union Sanitary District-
Alvarado
Treatment Plant



Legend

Odor Complaints: September 2022

- ★ Odor found, USD resolved (0)
- Odor found, not related to USD (0)
- ▲ No odor found (5)

Odor Complaints: Oct. 2021 to Aug. 2022

- ★ Odor found, USD resolved (2)
- Odor found, not related to USD (12)
- ▲ No odor found (20)

Location of Odor Reports
October 2021 to September 2022

0 0.5 1 2 3 4 5 Miles
22 of 130





Customer Relations

2022 MONTHLY OPERATIONS REPORT

Customer Service Response

Front Desk Trouble Calls

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

Total Calls	Fremont	Newark	Union City	Total
Sep-22	6	0	1	7
Aug-22	14	1	2	17
Jul-22	5	1	3	9
Jun-22	9	3	1	13
May-22	10	1	1	12
Apr-22	11	0	0	11
6 Month Total				69
Sep-21	17	2	1	20

Communication and Outreach

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



Social Media Posts:

- Customer Service Coach recruitment
- Labor Day office closure notice
- Maintenance Assistant recruitment
- Notice Inviting Bids for Pump Stations Chemical System Improvements
- Annual Newsletter in the mail and link to ETSU web page
- Newark Days – note to visit USD’s booth
- Photo of Crane working on ETSU Aeration Basins Improvements and link to ETSU time lapse videos web page
- Science in the Park – note to visit USD’s booth

Events:

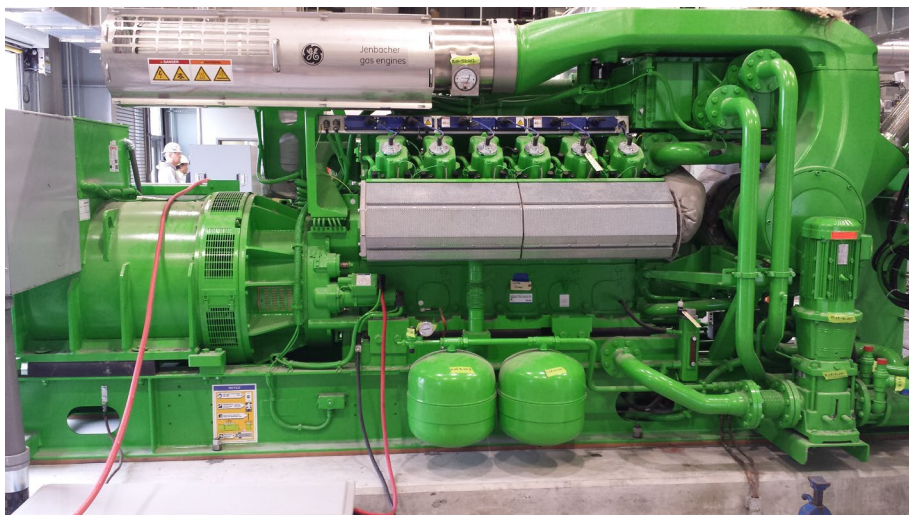
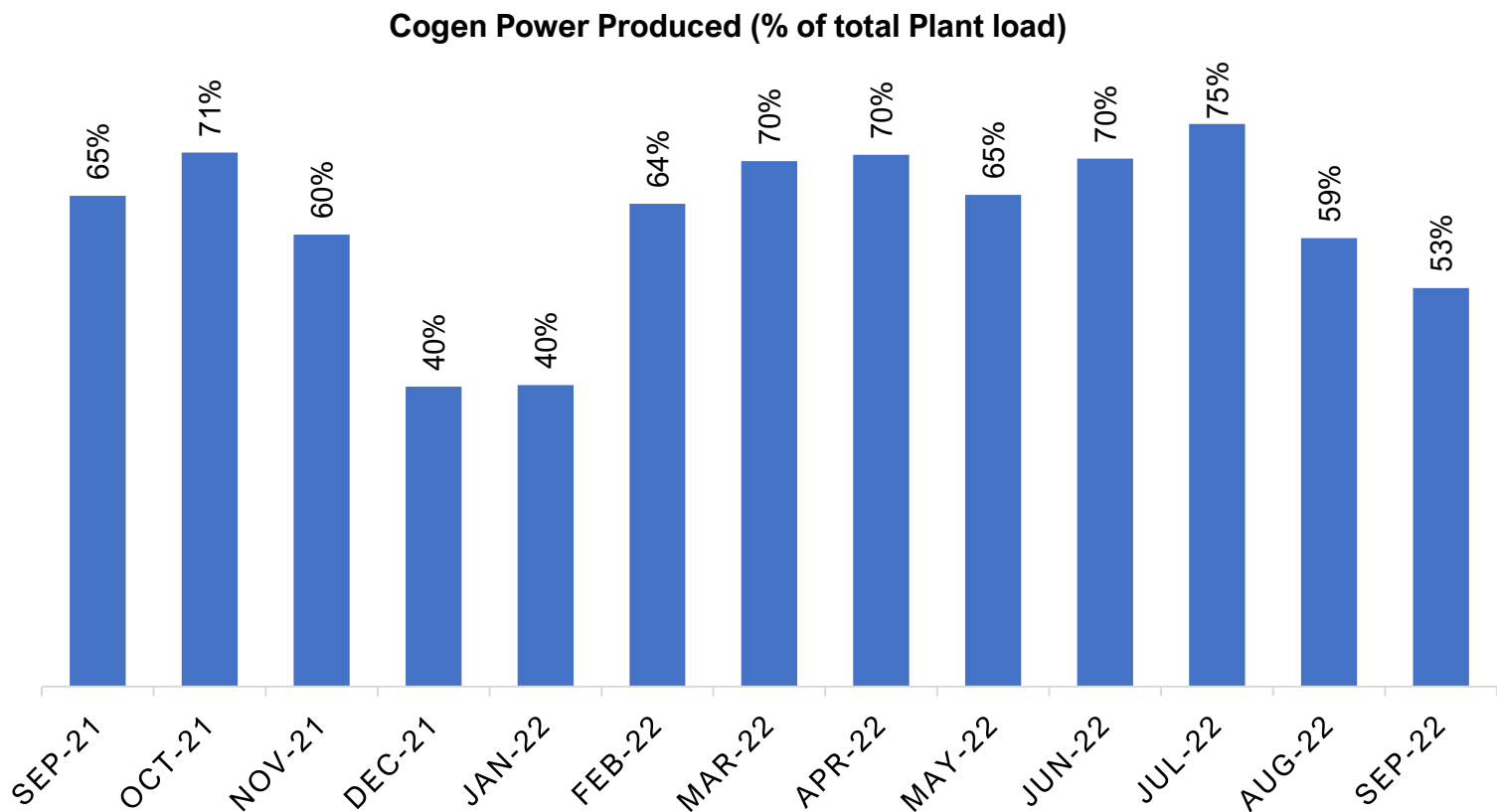
- Newark Days – Community Information Faire on Sunday 9/18/22

Other Activities:

- Quarterly IAC Meeting 9/28/22
- Website Updates Customer Service pages, About Us page, Finance Page; ETSU time lapse video page addition, GM bio Page, Newsletters Page

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 to generate power for the District’s treatment plant and lower energy costs.





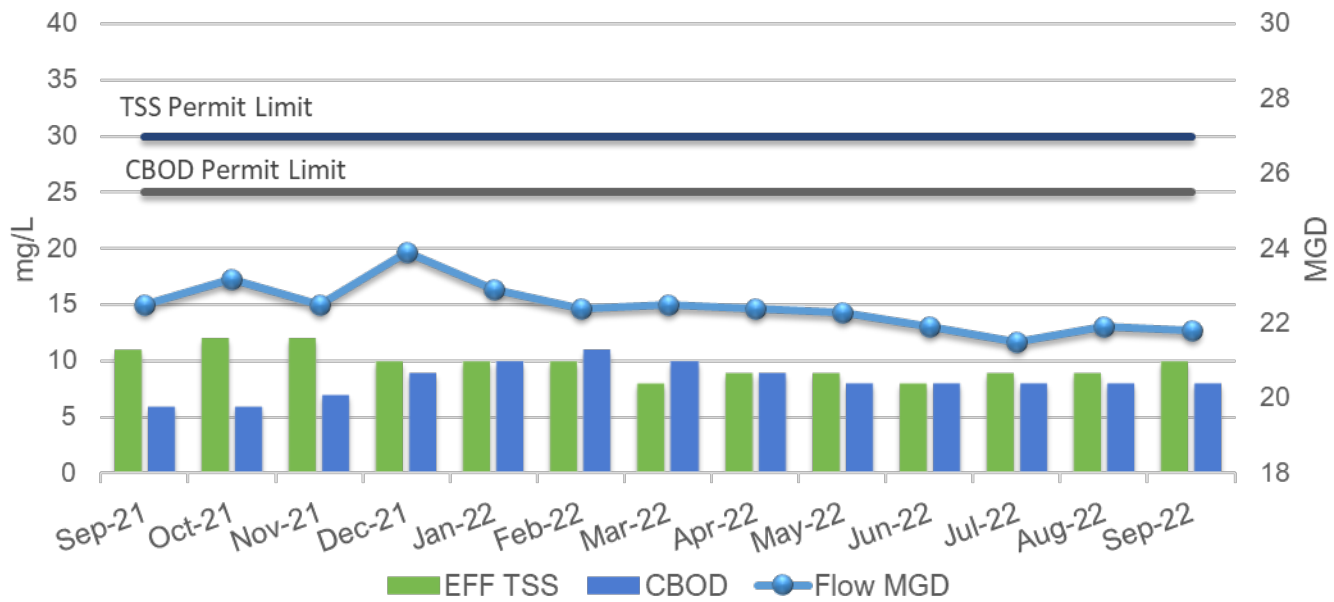
Plant Operations

2022 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	Jul-22	Aug-22	Sep-22
Copper, µg/l	53	3.2	4.9	4.1
Mercury, µg/l	0.066	N/A	0.003	N/A
Cyanide, µg/l	20	E 1.3	ND 0.9	ND 0.9
Ammonia- N, mg/L (Range)	86	43 - 50.6	43.0 - 49.4	45 - 49.7
Fecal Coliform, MPN/100ml (Range)				
• 5-Day Geometric Mean	500	16 - 24	31 - 38	30 - 34
• 11-Sample 90th Percentile	1100	71 - 71	62 - 71	62 - 66
Enterococci				
• 6-Week Rolling Geometric Mean	280	10	12.5	24

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



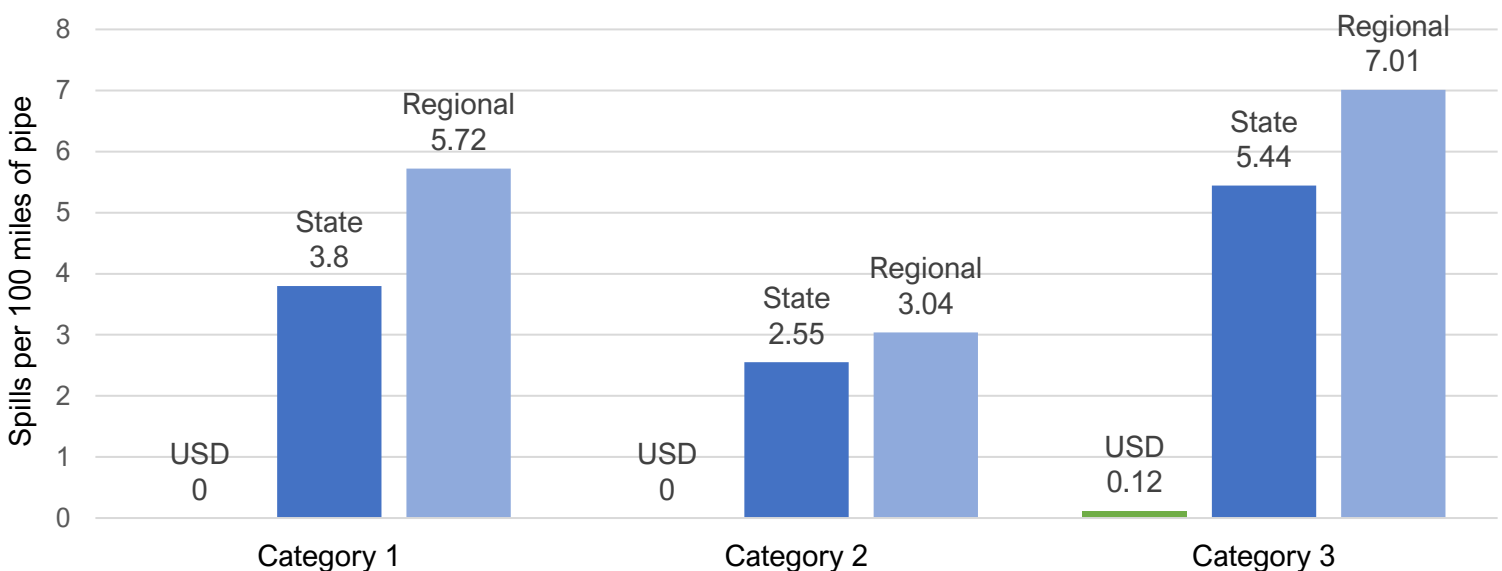
Maintenance Report

2022
MONTHLY OPERATIONS
REPORT

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.

**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.

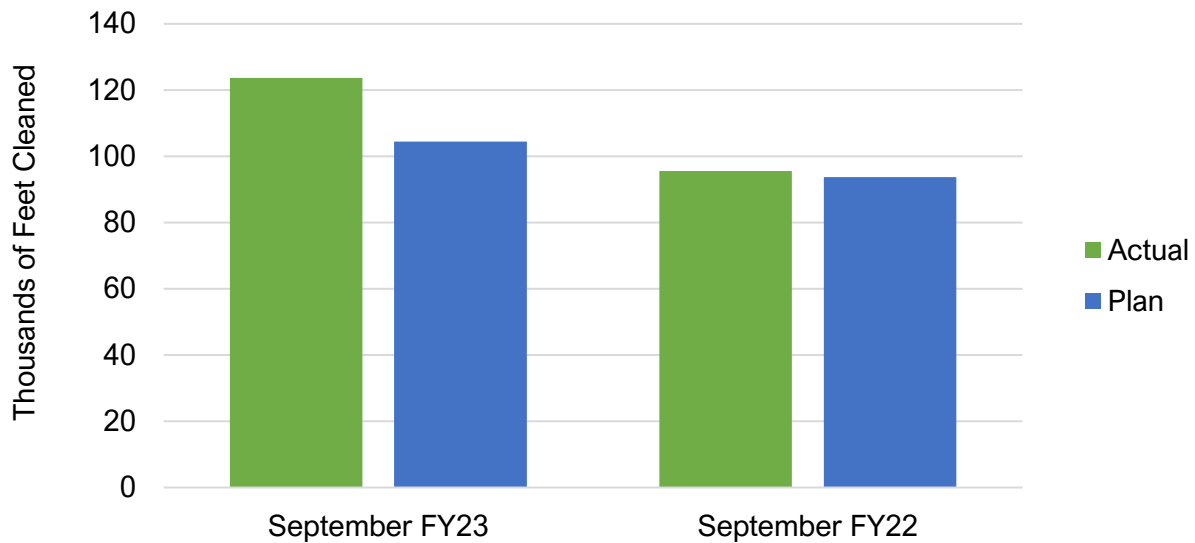
	This Month	Fiscal Year to Date	Historical Monthly Average
Sewer Line Repairs- # of Open Trench	0	0	2
Sewer Line Repairs- # of Trenchless	4	32	14
Work Orders Completed on Vehicles and Buildings	159	540	171



Maintenance Report

2022 MONTHLY OPERATIONS REPORT

Sewer Line Cleaning



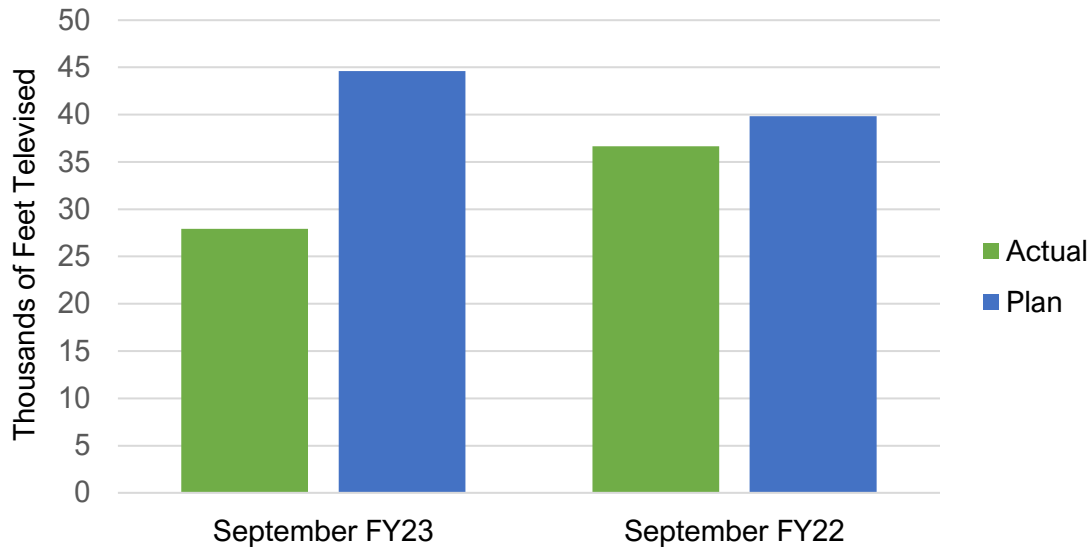
Cleaning Cost per Foot=\$1.08								
Description	July-22 Footage	Aug-22 Footage	Sept-22 Footage	FY23 Q1 Footage	FY23 YTD Footage	Historical FY22 Footage	FY23 YE Goal	% Completed to Plan
84 Month Hydro-Jet Clean	43,285	57,471	63,788	164,544	164,544	654,851	579,314	28.4%
Selective Line Cleaning	12,798	-	19,643	31,441	31,441	196,114	221,641	14.2%
Special Condition Clean (not in total)	-	639	751	1,390	1,390	32,029	28,940	4.8%
Root Control/Chemical Clean	-	2,759	39,964	42,723	42,723	320,841	410,502	10.4%
Cast Iron Cleaning	-	-	1,270	1,270	1,270	-	6,293	
Totals	56,083	60,230	123,665	239,978	239,978	1,171,806	1,217,750	19.7%



Maintenance Report

2022 MONTHLY OPERATIONS REPORT

Sewer Line Inspection and Televising



Televising Cost per Footage=\$1.56								
Description	July-22 Footage	Aug-22 Footage	Sept-22 Footage	FY23 Q1 Footage	FY23 YTD Footage/ Count	Historical FY22 Footage/ Count	FY23 Goal	% Completed to Plan
84 Month TV Inspection	24,300	61,583	22,997	108,880	108,880	481,639	477,964	22.8%
84 Month Manhole Inspection Count	243	147	135	525	525	1,163	2,468	21.3%
Visual/Condition, Pre/Post Cnst TV (not in total)	-	-	-	-	-	1,793	11,704	0.0%
Visual Manhole Inspection Count (not in total)	22	42	15	79	79	329	-	-
New Development, CIP, Misc (not in total)	311	235	961	1,507	1,507	33,140	34,056	4.4%
QA/QC Line Condition	-	-	-	-	-	19,201	16,074	0.0%
QA/QC Root Control	-	15,367	4,919	20,286	20,286	22,270	41,108	49.3%
Totals	24,300	76,950	27,916	129,166	129,166	523,110	535,146	24.1%

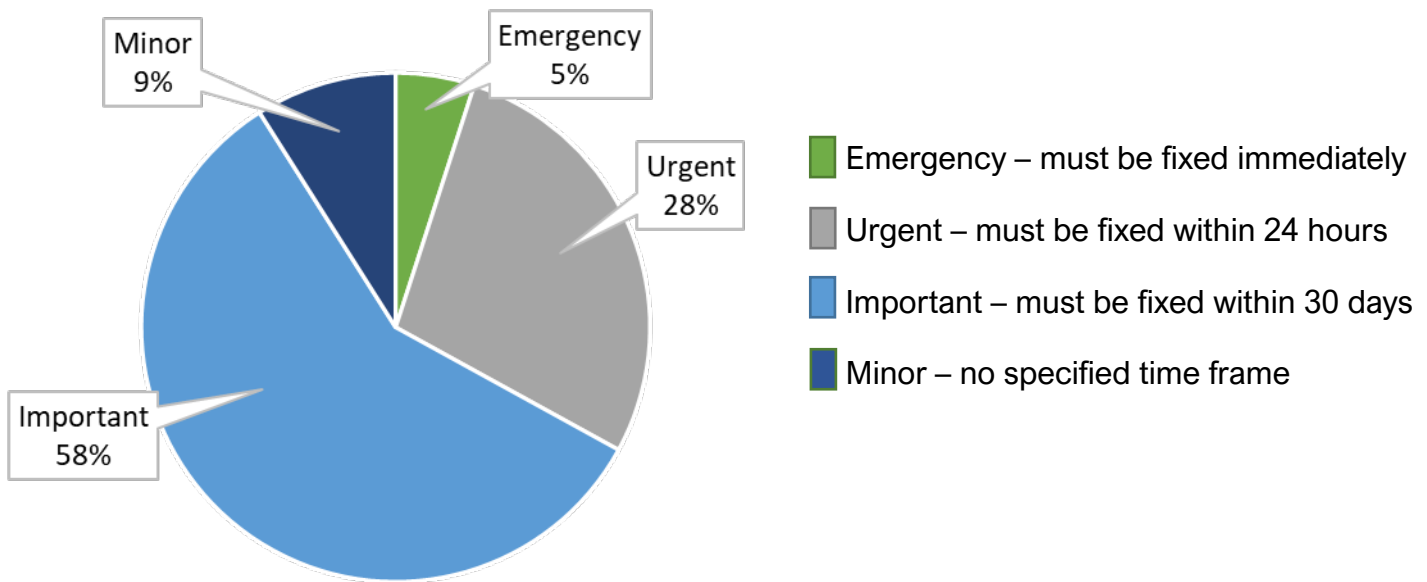


Maintenance Report

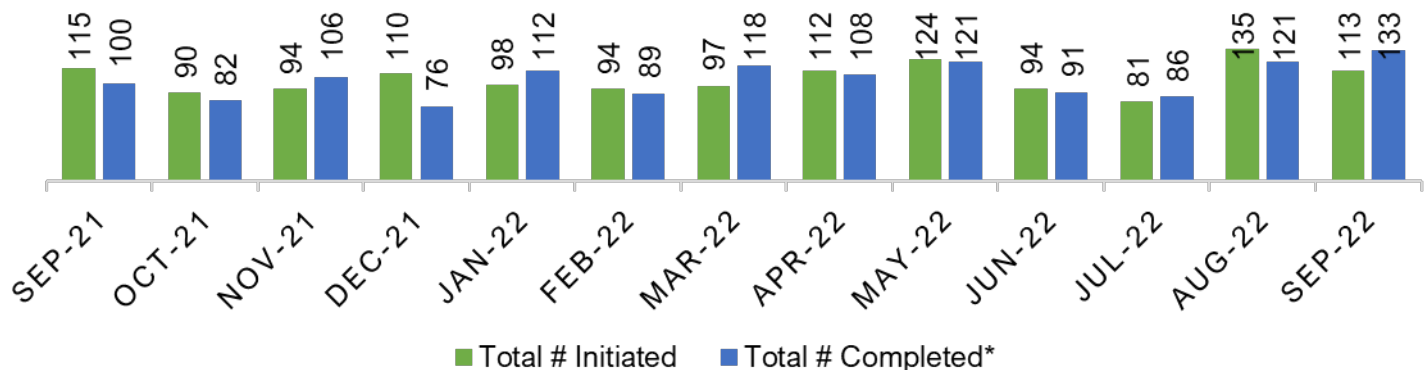
2022 MONTHLY OPERATIONS REPORT

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 99.53% 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.

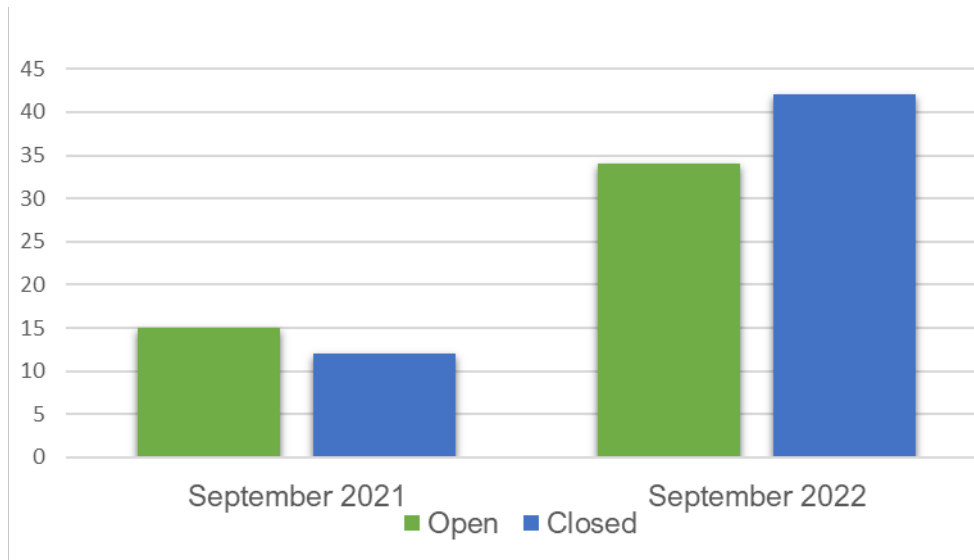


Maintenance Report

2022 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.



Managed and Hosted IT Asset Uptime

Asset Name	USD Managed or Hosted by Third Party	% Up time
USD Website	Hosted	99.98%
Email Server	Hosted	99.98%
Newark Pump Station	USD Managed	100%
Boyce Pump Station	USD Managed	100%
Irvington Pump Station	USD Managed	100%
SCADA	USD Managed	100%
Total Average of All USD Servers	USD Managed	99.82%

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

2022 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 – Aeration Blower No. 11 Project	\$1,652	\$1,469	12/21	98%
2 – Alvarado Influent Pump Station Improvements Project	\$9,028	\$8,360	11/21	98%
3 – Force Main Corrosion Repairs Project – Phase 3	\$1,064	\$457	10/22	45%
4 – FY21 Cast Iron/Pipe Lining Project	\$307	\$220	5/21	100%
5 – Irvington Basin Reinforced Concrete Pipe Rehabilitation Project	\$5,291	\$1,347	12/22	25%
6 – Primary Digester No. 7 Project	\$23,783	\$22,901	5/22	99%
7 – Standby Power Generation System Upgrade Project	\$21,135	\$1,603	6/24	8%



Digester #7 Project

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



Capital Improvement Projects

2022 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 – Cherry Street Pump Station Improvements Project	\$72	\$99	6/21	100%
2 – Plant Miscellaneous Improvements Project	\$199	\$199	9/22	95%
3 – Pump Stations Chemical System Improvements Project	\$762	\$655	10/21	99%
4 – Sodium Hypochlorite Loop Improvements Project	\$280	\$245	9/22	95%
5 – Switchboard No. 3 and MCC No. 25 Replacement Project	\$95	\$68	7/22	70%
6 – WAS Thickener Replacement Project	\$807	\$801	6/21	100%

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	\$120	7/22	85%
2 – Energy Resiliency Study	\$256	\$117	12/22	46%
3 – Force Main Condition Assessment	\$121	\$32	10/22	60%
4 – Headworks Degritting Study	\$200	\$109	10/22	55%
5 – Odor Control Alternatives Study	\$504	\$476	12/20	99%
6 – Primary Digester No. 8 Feasibility Study	\$111	\$77	9/22	70%
7 – Pump Stations Condition Assessment Study	\$250	\$161	8/22	65%
8 – Sea Level Rise Study	\$162	\$91	11/22	57%
9 – Thermal Dryer Feasibility Study	\$128	\$94	7/22	74%
10 – 2022 Local Limits Study	\$44	\$0	12/22	20%



Permitting and Inspections

2022 MONTHLY OPERATIONS REPORT

Sewer Permits Issued

Permits issued upon approved completed plans.

Month	Repairs	Mains	New Laterals*	ADUs	Restaurants	Other**	Total
Sep-22	18	0	62	5	0	0	85
Aug-22	19	2	37	10	1	7	76
July-22	16	1	29	8	1	0	55

*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
92	288	5	0	4	11	0	0	20

Pollution Prevention Inspections

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

Total Inspections		Total Monthly Enforcements ³						
Current Month	Fiscal Year to Date	Verbal Warning	Warning Letter	Notice of Violation	Admin Fine	Legal Action	Notice of Deficiency	Total
51	146	3	11	0	0	0	0	14

Permitted Industrial Businesses

City	Industrial Permits
Fremont	60
Newark	14
Union City <small>33 of 130</small>	12

Examples of Permitted Industrial Businesses:

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



Staffing and Personnel

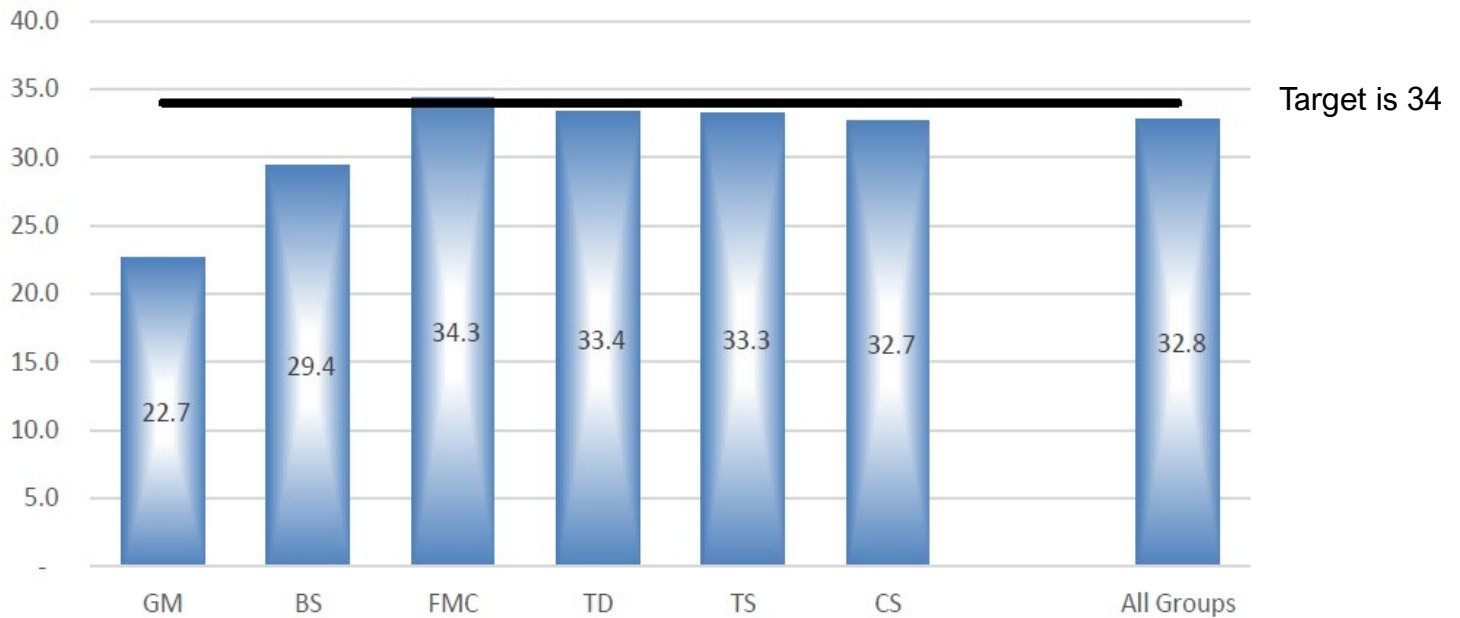
2022 MONTHLY OPERATIONS REPORT

Hours Worked and Leave Time by Work Group

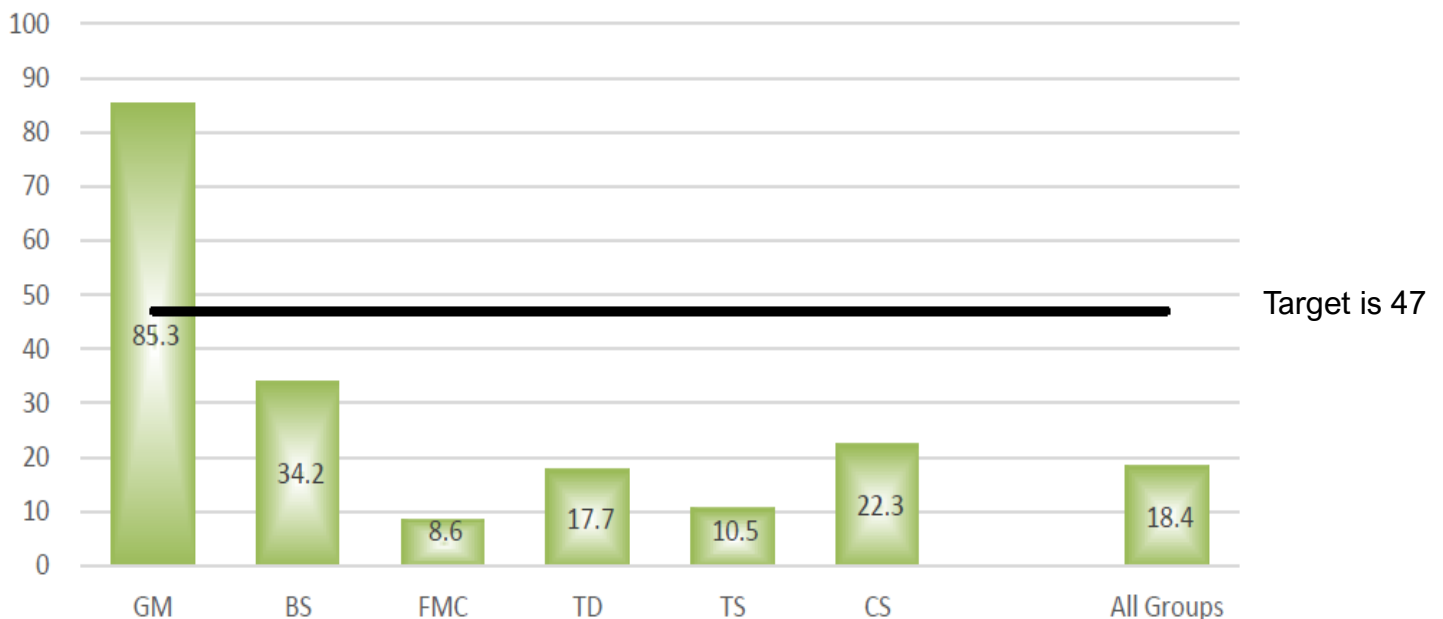
June 23, 2022 through September 28, 2022

Weeks to Date 14 out of 52 (26.92%)

At-Work Hours Per Employee Per Week



Average Annual Sick Leave Used Per Employee Per Date



Recruitments

Position	Position Posted	Status
Mechanic I/II	6/1/2022	Lee Rocha – DOH 10/17/2022
Plant Operator III Trainee – Limited Duration (2)	6/23/2022	Manuel De Avila Diaz – DOH 10/10/22; Noah Lundy – DOH 10/17/2022
Coach, Customer Service (Development Engineering Supervisor)	7/6/2022	Recruitment in process - continuing.
Enhanced Treatment & Site Upgrade Assistant Manager	7/8/2022	Gus Carrillo – Promotion 9/12/2022.
Accounting and Financial Analyst I/II	7/26/2022	Bobby Brotarlo – DOH 10/31/2022
Junior/Assistant/Associate Engineer – CIP (2)	8/8/2022	Recruitment in process. One candidate in background process. Offer pending to second candidate.
Collection System Worker	8/25/2022	Stanley Tarnowski – DOH 10/17/2022
Maintenance Assistant (Part-time)	9/7/2022	Recruitment in process.
ETSU Junior/Assistant Engineer – Limited Duration	9/29/2022	Recruitment in process.
Instrument Technician/Electrician	9/16/2022	Useable list – recruitment in process.



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

**OCTOBER 24, 2022
BOARD OF DIRECTORS MEETING
AGENDA ITEM # 9**

TITLE: Consider Confirming and Declaring the Need to Continue the Emergency Action to Repair Two Sewer Lines in the City of Fremont Damaged by Fiber Optic Line Installation (*This is a Motion Item*)

SUBMITTED: Paul R. Eldredge, General Manager/District Engineer
Jose Rodrigues, Collection Services Work Group Manager
Raymond Chau, Technical Services Work Group Manager
Curtis Bosick, CIP Team Coach

Recommendation

Receive an update on repairs and adopt a motion by a four-fifths vote finding that there is a need to continue the action and confirming and declaring the continuance of the emergency.

Discussion

On October 10, 2022, the Board received an update on the emergency action and adopted a motion to continue the action and confirmed and declared the continuance of the emergency action to repair two sewer lines in the City of Fremont. Since that meeting, McGuire and Hester (MH) received comments on the traffic control plans from the City of Fremont. Staff is coordinating with MH on their response to the City's comments. Pending the City's approval of the traffic control plan for the repair site at the intersection of Fremont Blvd. and Clipper Court, MH is anticipating mobilizing by the end of the month. The traffic control plan for the repair site at the intersection of Paseo Padre Parkway and Washington Blvd. will require additional coordination with the City due to the heavy traffic at this intersection.

After the determination of an emergency pursuant to Public Contract Code section 22050, the Board is required to review the status of the emergency action at each subsequent meeting until

the emergency action is terminated and authorize continuation of the emergency action by a four-fifths vote. This staff report seeks such authorization as there is a need to complete the actions described above.

Staff will continue to bring a similar agenda item to the Board to continue the emergency until it is terminated.

Background

In March of 2022, the District was notified that a contractor, HP Communications and JK Communication & Construction/Kleven Construction (JKC), working in the City of Fremont installing 5G fiber optic lines had damaged three separate sewer lines. Staff confirmed the damages by CCTV inspection. HP Communications repaired one of the damaged sewer mains due to its shallow depth and location. The District began discussions with the contractor and its insurance company about the repair of the other two damaged sewer mains given concerns about an inexperienced contractor further damaging the District's facilities sewer due to both sewer mains depth at (15'), groundwater concerns, the need to bypass sewage and possibly soft soil conditions in the area. The size and locations of the remaining damaged sewer mains are:

1. 8" sewer main near the intersection of Paseo Padre Parkway and Washington Blvd.
2. 18" sewer main near the intersection of Fremont Blvd. and Clipper Court.

Staff negotiated with the contractor and its insurance company for months to resolve the issue and complete the work without expending public funds, but the parties did not reach an acceptable resolution.

Given the upcoming wet weather season and time required to complete the work, it was necessary for the District to expeditiously proceed with the repair, while concurrently working toward reimbursement of funding from the contractor. The damaged sewer mains in their current condition create enough risk to the District that staff recommended an emergency be declared to expedite the necessary repairs.

The District's Purchasing Policy and California Public Contract Code (PCC) Section 20806 allow for emergency contracting without competitive bidding in accordance with the requirements of PCC Section 22050. Section 22050(a) provides that the District, pursuant to a four-fifths vote of the Board, "may repair or replace a public facility, take any directly related and immediate action required by that emergency, and procure the necessary equipment, services, and supplies for those purposes, without giving notice for bids to let contracts."

The attached Resolution No. 2982, adopted on September 12, 2022, addressed the requirements of the PCC and declared an emergency and authorized additional expenditures without the need for competitive bidding. As such, the District has proceeded with the work under our emergency

services contract with McGuire and Hester, as described above. Cost estimates for the repairs range from \$583,000, with McGuire and Hester fully performing all of the repairs, to \$459,000, with McGuire and Hester performing the sewer line work and HP/ JK Communications performing the paving and restoration.

Previous Board Action

09/12/2022 Board Meeting – The Board adopted a resolution declaring an emergency and authorizing the emergency expenditure of funds for the repair of two sewer lines in the City of Fremont damaged by fiber optic line installation.

09/26/2022 Board Meeting – The Board received an update on the emergency action and adopted a motion to continue the action and confirmed and declared the continuance of the emergency action.

10/10/2022 Board Meeting – The Board received an update on the emergency action and adopted a motion to continue the action and confirmed and declared the continuance of the emergency action.

Attachments: Resolution No. 2982
 Figures 1 through 4 – Location Maps and Photos of Damaged Sewers

Figure 1 - Location of Damaged 18" Sewer Main



Figure 2 - Photo of Damaged 18" Sewer Main



Figure 3 - Location of Damaged 8" Sewer Main

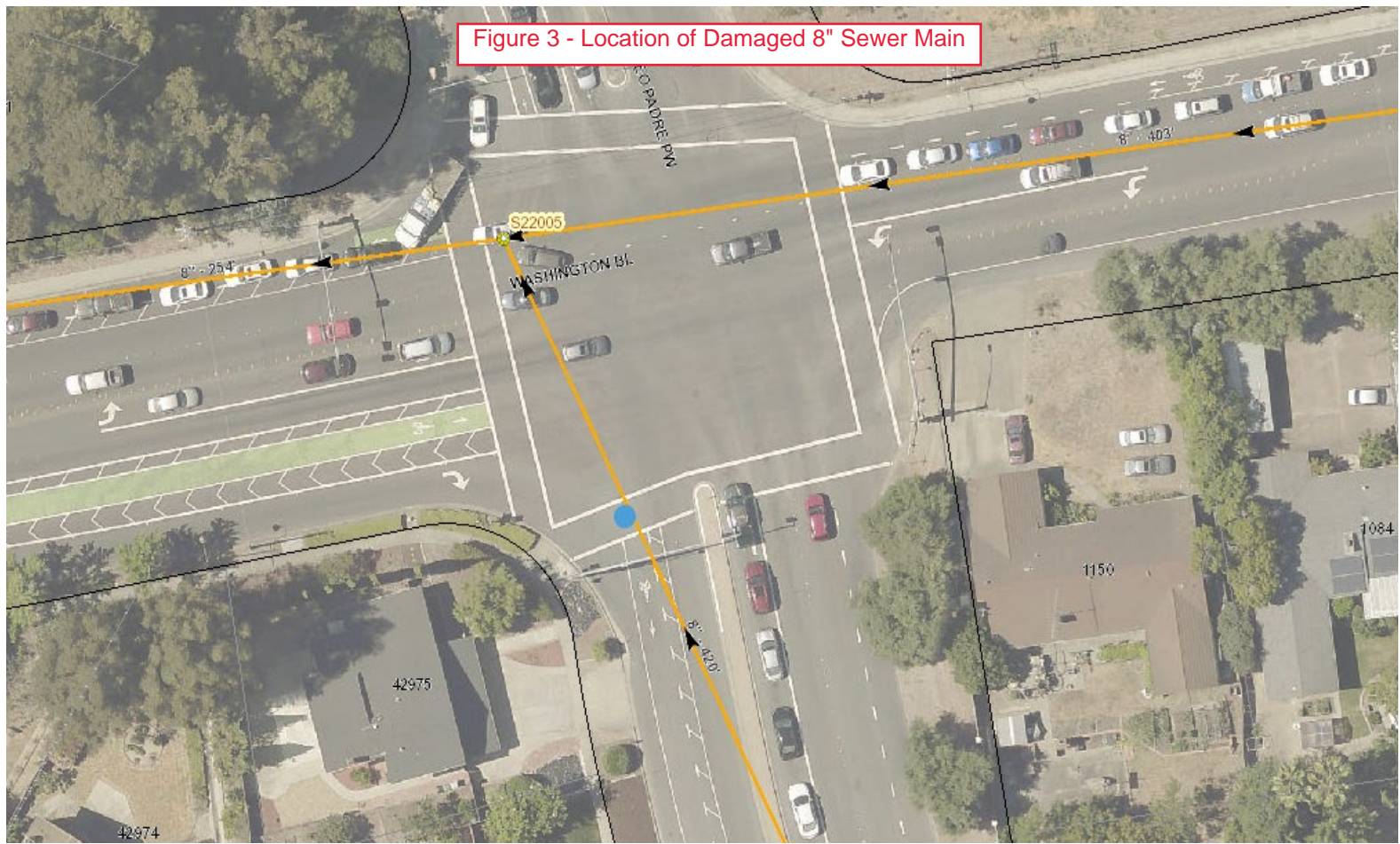
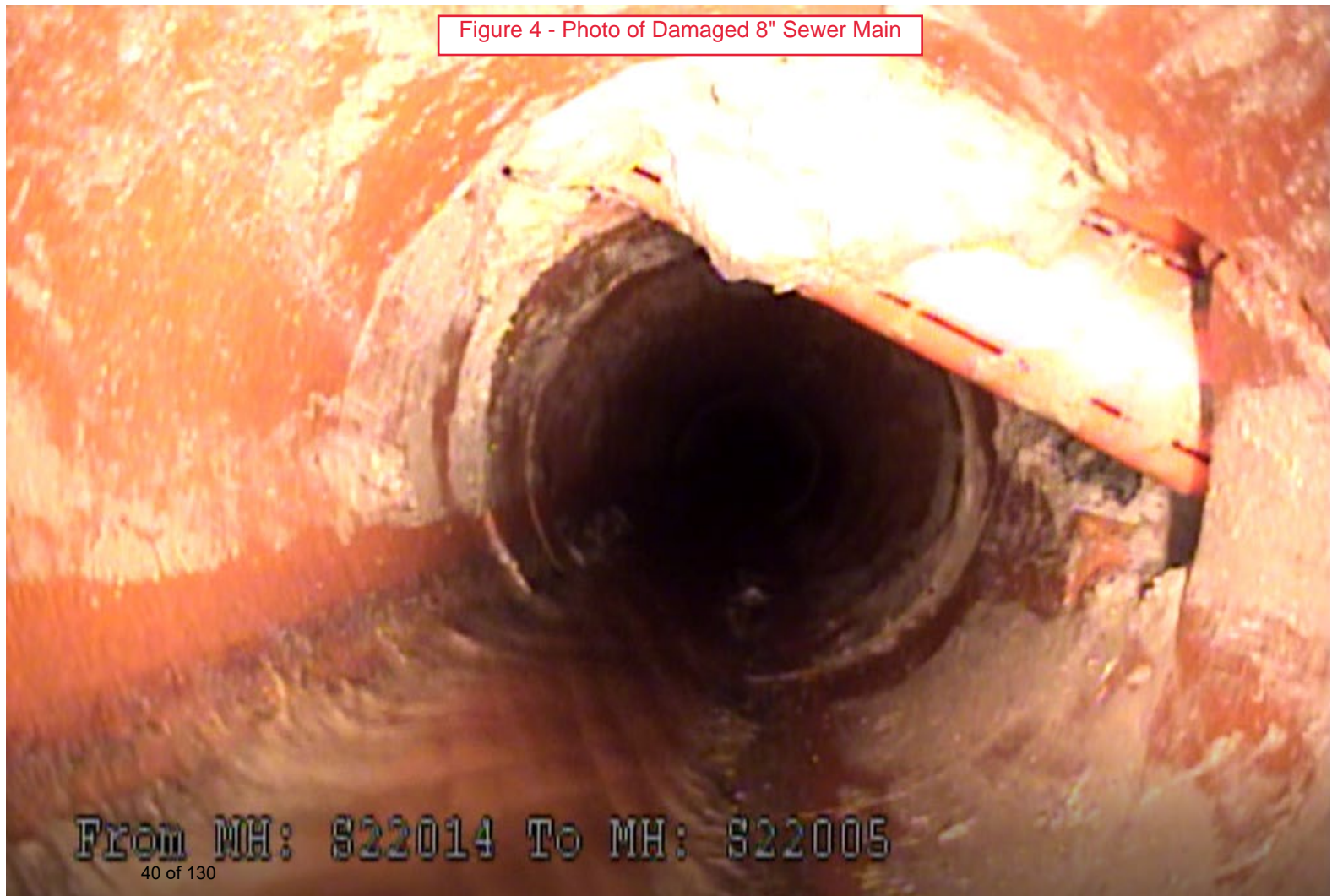


Figure 4 - Photo of Damaged 8" Sewer Main



RESOLUTION NO. 2982

DECLARING AN EMERGENCY AND AUTHORIZING THE EMERGENCY EXPENDITURE OF FUNDS FOR THE REPAIR OF TWO SEWER LINES IN THE CITY OF FREMONT DAMAGED BY FIBER OPTIC LINE INSTALLATION

WHEREAS, two gravity sewer mains in the City of Fremont located at (1) the intersection of Paseo Padre Parkway and Washington Blvd; and (2) the intersection of Fremont Blvd. and Clipper Court, have been damaged by a private third-party contractor installing 5G fiber optic lines in City's right-of-way; and

WHEREAS, the District has not been able to reach resolution with the contractor and its insurance company regarding the completion of the repair and reimbursement to the District; and

WHEREAS, given the upcoming wet weather season and time required to complete the work, it is necessary for the District to expeditiously proceed with the repair, while concurrently working toward resolution of the reimbursement of funding from the contractor; and

WHEREAS, the damaged sewer mains in their current condition create risk to the District and must be repaired; and

WHEREAS, compliance with competitive bidding procedures typically takes a number of months and would not allow prompt action to be taken to complete the repair, as required to safeguard the public and District facilities; and

WHEREAS, the District's Purchasing Policy and California Public Contract Code (PCC) Section 20806 allow for emergency contracting without competitive bidding in accordance with the requirements of PCC Section 22050; and

WHEREAS, the California Environmental Quality Act establishes a statutory exemption for emergency repairs to public service facilities necessary to maintain service, and other specific actions necessary to prevent or mitigate an emergency; and

WHEREAS, the damage involves a clear and imminent threat, demanding immediate action to prevent or mitigate loss of, or damage to, life, health, property, and essential public services.

NOW, THEREFORE, BE IT RESOLVED, BY THE UNION SANITARY DISTRICT BOARD OF DIRECTORS, BASED ON THE STAFF REPORT AND ORAL AND WRITTEN TESTIMONY, AS FOLLOWS:

1. The above recitals are true and correct and are material to this Resolution and are incorporated into this Resolution as findings of the District Board.

2. The Board finds and declares, pursuant to Public Contract Code section 22050(a), that based on substantial evidence presented before the Board, the emergency will not permit a delay resulting from competitive solicitation for bids for the repair of the District's damaged sewer mains, and that this action is necessary to respond to the emergency.

3. The Board authorizes staff to continue to proceed with the repair or replacement of the two sewer mains in Fremont located at (1) the intersection of Paseo Padre Parkway and Washington Blvd; and (2) the intersection of Fremont Blvd. and Clipper Court, and procurement of the necessary equipment, services and supplies for that purpose without giving notice for bids to let contracts.

4. The Board will review the status of the emergency at each subsequent meeting of the Board of Directors and vote to authorize continuation of this resolution until the emergency action is completed.

PASSED, APPROVED, AND ADOPTED by at least a four-fifths vote, at a regular meeting of the Board of Directors on this 12th day of September, 2022.

AYES: Fernandez, Handley, Kite, Lathi, Toy

NOES: None

ABSENT: None

ABSTAIN: None

DocuSigned by:



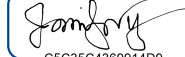
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ANJALI LATHI

President, Board of Directors
UNION SANITARY DISTRICT

Attest:

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JENNIFER TOY

Secretary, Board of Directors
UNION SANITARY DISTRICT

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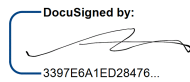
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alathi@unionsanitary.ca.gov

Union Sanitary District

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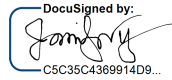
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Jennifer Toy

jtoy@unionsanitary.ca.gov

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**OCTOBER 24, 2022
BOARD OF DIRECTORS MEETING
AGENDA ITEM # 10**

TITLE: Reject All Bids Received for the Cherry Pump Station Improvements Project and Authorize Staff to Re-bid the 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
Derek Chiu, Assistant Engineer

Recommendation

1. Staff recommends deeming Kerex Engineering, Inc.'s bid as non-responsive and rejecting its bid; and
2. Staff recommends the Board reject all bids received for the Cherry Street Pump Station Improvements Project (Project) and authorize staff to re-bid the Project.

Discussion

The Project was advertised for bids on August 30, 2022. Four bids were received on September 27, 2022 with the results shown in the table below. Please refer to the attached Table 1 for a detailed breakdown of the bids.

Contractor	Total Contract Price
Kerex Engineering, Inc. (Martinez, CA)	\$635,000
Casey Construction, Inc. (Emerald Hills, CA)	\$768,000

Contractor	Total Contract Price
McGuire and Hester (Alameda, CA)	\$845,150
Telstar Instruments (Concord, CA)	\$1,137,839

The Engineer's Estimate for the Project's total contract price is \$475,000. Kerex Engineering, Inc. (Kerex) was the apparent low bidder with a total contract price of \$635,000 or 33.7% above the Engineer's Estimate.

Bid Protest

On September 29, 2022, staff received a bid protest from the second low bidder, Casey Construction, Inc. (Casey). Casey requested that the District reject Kerex's bid as non-responsive because Kerex did not meet the experience requirements in the bid documents. The bid documents required all bidders to demonstrate they had completed at least \$2 million in construction volume on no more than five projects completed within the last five years. The types of projects that qualified towards meeting this requirement were repair, rehabilitation, and mechanical improvement projects at wastewater treatment plants and pump stations.

Kerex provided their response to the bid protest on October 5, 2022. In its response, Kerex highlighted the previous experience of their workforce and stated that they have the necessary skills, knowledge, and experience to perform the work. However, Kerex did not provide sufficient evidence to demonstrate that they met the experience requirements in the bid documents. Based on this information, staff recommends deeming Kerex's bid as non-responsive and rejecting its bid. Staff notified Kerex of this decision on October 13, 2022 and have not received any objections.

Casey was the second low bidder with a total contract price of \$768,000 or 61.7% above the Engineer's Estimate. Since Casey's bid exceeds both Kerex's bid and the Engineer's Estimate by a large percentage, staff believes it would be best to reject all bids and re-bid the project. Staff notified bidders of its intent to reject all bids and have not received any objections. Public Contract Code Section 20805 allows the District to reject bids at its discretion.

Background

The District's service area consists of three gravity drainage basins. The Cherry Street Pump Station, located at 39888 Eureka Drive in the city of Newark, is located within the Irvington Basin. It collects wastewater flows from a small tributary system of gravity sewer mains and pumps directly into the 33-diameter twin force main pipelines. The station was constructed in the 1980s and needs improvements to maintain its reliability.

Staff anticipates that future land development in the area served by the Cherry Street Pump Station will necessitate a significant upgrade or replacement of the facility, which could be part

of future development projects. However, these development projects will likely take time before they are ready to be implemented and the current condition of the pump station requires rehabilitation prior to system demands increasing.

Staff conducted a consultant procurement process in March 2020 and selected Carollo to perform the professional engineering services for the Project. These services included a condition assessment of the structural, mechanical, and electrical elements of Cherry Street Pump Station and providing final design services for the recommended improvements. The condition assessment was completed in April 2020 and the final design was completed in May 2022.

The Project's major elements include:

- Upgrading the utility power service capacity for the pump station
- Replacement of components within the existing electrical system panel and installation of new utility power meter and transformer
- Upsizing and modifications to discharge piping for the wastewater pumps
- Minor structural concrete repairs to the wet well
- Procurement and installation of a portable standby generator

Previous Board Action

July 25, 2022, the Board authorized the General Manager to execute Amendment No. 1 to Task Order No. 2 with Carollo in the amount of \$29,561 to provide additional design services for the Project.

Attachments: Figure 1 – Site Plan
 Figure 2 – Collection System Piping Map
 Table 1 – Bid Tabulation Sheet



Figure 1
Cherry Street Pump Station
Site Plan

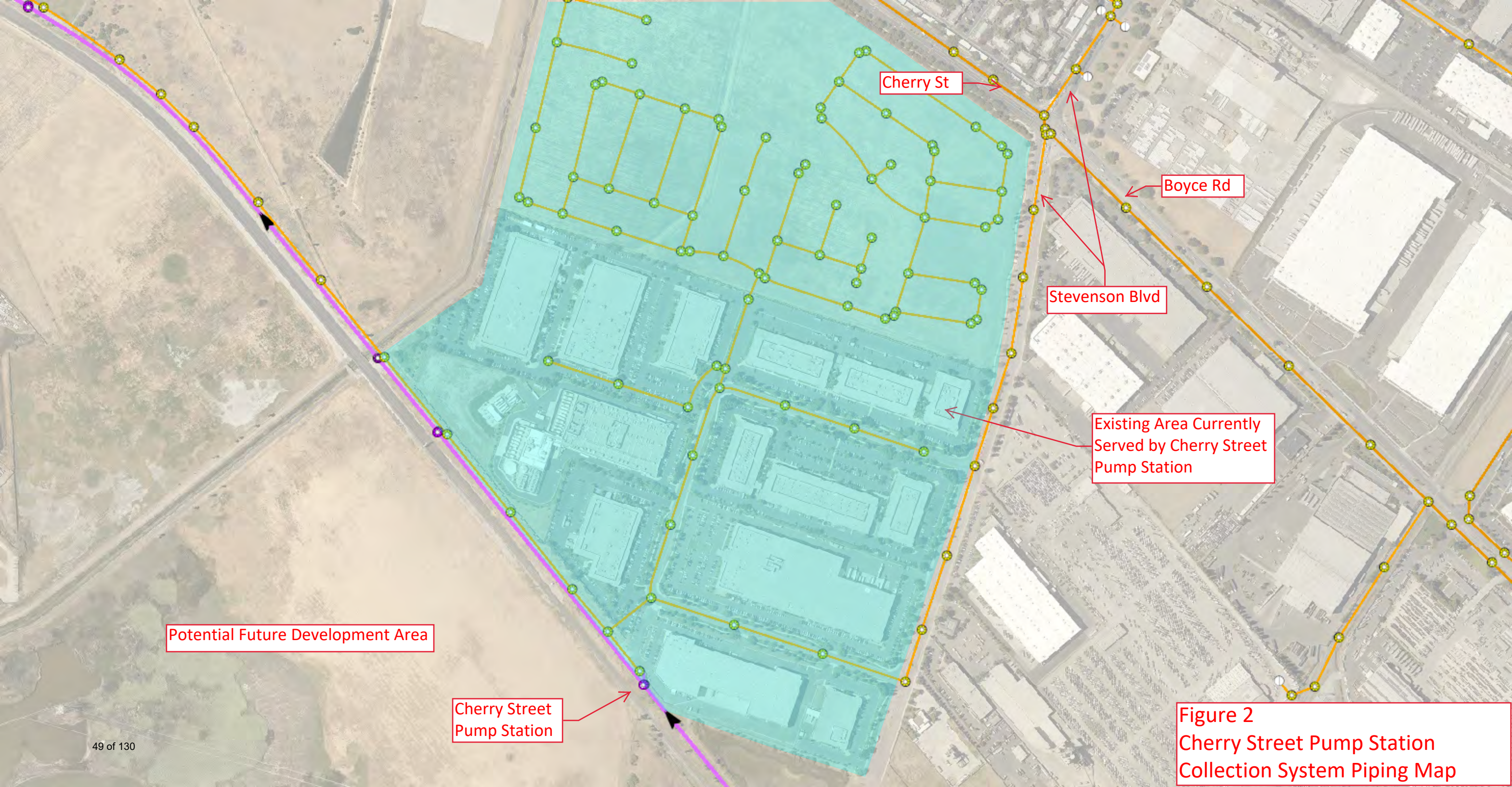


Figure 2
Cherry Street Pump Station
Collection System Piping Map

Table 1 - Bid Tabulation
Cherry Pump Station Improvements Project, No. 800-514

Bid Item No.	Bid Item	Unit	Estimated Quantity	Kerex Engineering, Inc. (Martinez, CA)	Casey Construction, Inc. (Emerald Hills, CA)	McGuire and Hester (Alameda, CA)	Telstar Instruments (Concord, CA)
					Total Bid Price		
1	Cost for completing all Work included as part of Contract Documents for Project No. 800-514, except as specified under items 2 and 3.	LS	1	\$580,000	\$718,000	\$815,000	\$1,099,427
2	Allowance for unforeseen utilities	LS	1	\$20,000	\$20,000	\$20,000	\$20,000
3	Cost for providing all shoring and bracing on all Bid Items above including but not limited to that as required by Sections 6700-6708 of the Labor Code.	LS	1	\$30,000	\$20,000	\$10,000	\$14,412
Bid Alternate A	Builder's Risk Insurance	LS	1	\$5,000	\$10,000	\$150	\$4,000
Contract Price - This is the basis of award				\$635,000	\$768,000	\$845,150	\$1,137,839

Engineer's Estimate for the Contract Price is \$475,000



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Karen W. Murphy
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**OCTOBER 24, 2022
BOARD OF DIRECTORS MEETING
AGENDA ITEM # 11**

TITLE: Consider Creating a Fats, Oils, and Grease (FOG) Holiday Advertisement Ad Hoc Committee and Appointing Two Board Members to the Committee (*This is a Motion Item*)

SUBMITTED: Paul R. Eldredge, General Manager/District Engineer
Raymond Chau, Technical Services Work Group Manager
Michael Dunning, Environmental Compliance Team Coach
Michelle Powell, Communications and Intergovernmental Relations Coordinator

Recommendation

Staff recommends the Board consider creating a Fats, Oils, and Grease (FOG) Holiday Advertisement ad hoc committee and appointing two Board members to the ad hoc committee.

Discussion

Beginning in 2018, following input and direction received from the Board, USD staff has run two versions of a Holiday FOG ad in local newspapers during the weeks prior to the Thanksgiving and Christmas holidays. The ads encourage customers to “Avoid Pipe Clogs” and provide instructions to “Cool It. Can It. Trash It.” There are two versions of the ad – one using photos to illustrate the instructions, and one using cartoon illustrations depicting FOG in a humorous manner.

Staff is proposing the creation of a temporary FOG Holiday Advertisement ad hoc committee with its primary focus being updating the design and content of the ads. The FOG Holiday Advertisement Ad Hoc Committee would begin meeting in 2023 to refresh advertising for the 2023 Holiday season.

Background

Ad hoc committees are temporary advisory committees composed solely of less than a quorum of the legislative body that serves a limited or single purpose, is not perpetual, and will dissolve once its specific task is completed. Ad hoc committees are not subject to the Brown Act. Given its limited and temporary purpose, the FOG Holiday Advertisement Ad Hoc Committee would not

be subject to the Brown Act. There is no need to revise Policy 3070, Boardmember Officers and Committee Membership, as ad hoc committees are temporary.

The Ad Hoc will meet as needed.

Previous Board Action

August 28, 2017, the Board received an update on the District's FOG program and provided direction to staff regarding edits to existing campaign ads.

October 8, 2018, the Board provided direction to incorporate specified edits to proposed artwork and to run both photo and illustrative versions of the 2018 FOG advertisement during the holiday season.



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Karen W. Murphy
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**OCTOBER 24, 2022
BOARD OF DIRECTORS MEETING
AGENDA ITEM # 12**

TITLE: **Authorize the General Manager to Execute Task Order No.8 with West Yost Associates for the Force Main Corrosion Repairs Project – Phase 4 (*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
Andrew Baile, Assistant Engineer

Recommendation

Staff recommends the Board authorize the General Manager to execute Task Order No. 8 with West Yost Associates in the amount of \$68,178 to provide design and bid period services for the Force Main Corrosion Repairs Project – Phase 4 (Project).

Discussion

The Project will address corrosion repairs for manholes on the eastern force main between Newark Pump Station and Irvington Pump Station (Figures 1 through 7). It will also include access improvements to the east and west manholes on this section of the force main. These access improvements include bollard repair, grading of the access pads around the manholes, and raising of a manhole and existing retaining wall (Figures 8 through 10).

The purpose of Task Order No. 8 is to authorize West Yost Associates to provide design services which will include project management, preparation of construction bid documents, agency coordination and permitting, and bid period services.

West Yost Associates' scope of services and fees are summarized below:

Task	Description	Amount
1	Project Management	\$9,238
2	Design	\$44,892
3	Bid Period Services	\$14,048
	Task Order No. 8 Not-to-Exceed Amount	\$68,178

Staff believes the total not-to-exceed amount is reasonable given the level of effort to design the manhole access improvements that were not included in the previous project phases.

Below is a summary of the task orders with West Yost Associates under the Project agreement:

Task Order	Not-to-Exceed Fee	Board Authorization Required?	District Staff Approval
Task Order No. 1 – Predesign	\$25,855	No	Sami E. Ghossain
Task Order No. 2 – Phase 1 Design	\$113,464	Yes	Paul R. Eldredge
Task Order No. 3 – Phase 1 Engineering Services During Construction	\$33,085	Yes	Paul R. Eldredge
Task Order No. 4 – Phase 2 Design	\$62,248	Yes	Paul R. Eldredge
Task Order No. 5 – Phase 2 Engineering Services During Construction	\$35,148	No	Sami E. Ghossain
Task Order No. 6 – Phase 3 Design	\$59,533	Yes	Paul R. Eldredge
Task Order No. 7 – Phase 3 Engineering Services During Construction	\$48,912	No	Raymond Chau
Task Order No. 8 – Phase 4 Design	\$68,178	Yes	Paul R. Eldredge
Total	\$446,423		

The total not-to-exceed design fee of \$68,178 is 6.2 percent of the total preliminary construction cost of \$1.3 million for the Project. Industry standard is to budget 30 percent for all project soft costs (e.g., design, construction management, inspection, engineering services during construction). There are currently no other soft costs for the Project.

The Project’s design is scheduled for completion in spring 2023. The bid advertisement and construction of the Phase 4 project is anticipated to take place in summer 2023.

Background

The District operates and maintains the transport system that consists of three pump stations and three lift stations and approximately 12½ miles of twin force main pipelines. The transport system conveys wastewater from the Irvington and Newark drainage basins to the Alvarado Wastewater Treatment Plant (Plant).

Force main facilities include 78 manholes along the pipeline alignment (Figures 1 and 2). Of the 78 manholes, 46 of them provide access into the force main pipelines via a manway inside the manholes, and each manway is sealed with a blind flange. At the other 32 manholes, appurtenances such as air release valves or blow off valves are connected to the blind flanges.

The air release valves are located at the higher elevations of the force main pipelines to allow air from the pipelines to vent in order to maintain the full hydraulic capacity of the pipelines. The blow off valves are located at the lower elevations of the force main pipelines to allow staff to drain the wastewater from the pipelines when there is a need to remove as much wastewater as possible, typically for a long-term outage for maintenance or construction activities. This doesn't happen very often but if there is a need to do so, staff will need to set up pumps and hoses to connect the blow off valves to the closest sanitary sewer manhole.

These facilities were installed over 40 years ago, as part of the original force main construction. Over time, the presence of groundwater, moisture, and the buildup of hydrogen sulfide gas in these force main manholes have caused many of the manways, blind flanges, and appurtenances to become corroded. This corrosion is of primary concern, as failure of any single element could precipitate a leak from the force main pipeline.

Condition Assessment

In 2004, the District's Force Main Study included a condition assessment of the interior and exterior of the buried force main piping that was constructed of reinforced concrete pipe. The study found the piping to be in good condition and recommended an internal inspection every 10 years and an external inspection every 20 years. In 2016, the District hired Woodard & Curran (formerly RMC Water and Environment) to conduct the internal inspection of the force main piping as it is taken out of service for the District's Force Main Corrosion Repairs Projects.

In 2011, the District conducted a condition assessment of the force main equipment located in the Irvington Valve Box, Newark Influent and Effluent Valve Boxes, and Alvarado Influent Valve Box. These valve boxes are part of the transport system that delivers wastewater to the Plant and primarily house large diameter cement mortar coated steel piping, knife gate valves, and flanged coupling adapters (FCAs). The assessment found the existing FCAs were experiencing corrosion and recommended them for replacement. The assessment also recommended refurbishment or replacement of the valves. In 2012, the District completed two phases of the Force Main Improvements Project to replace corroded FCAs, and to rehabilitate and replace knife gate valves on the force main pipelines located within the valve boxes.

During the summer of 2015, staff performed visual inspection inside all 78 force main manholes, and conducted non-destructive testing on elements with the worst corrosion conditions. In the fall of 2015 through the spring of 2016, staff hired Carollo Engineers to review and evaluate the

data collected during the inspections and testing; as a result, they recommended that all corroded elements within the 78 manholes be rehabilitated or replaced.

Force Main Corrosion Repairs

In 2016, staff hired West Yost Associates to complete preliminary design services that outlined a plan to accomplish the repairs in several phases.

Phase 1 of the Force Main Corrosion Repairs Project addressed repairs in the manholes on the eastern force main between the Newark Pump Station and the Plant, and construction was completed in October 2017.

Phase 2 of the Force Main Corrosion Repairs Project addressed repairs in the manholes on the western force main between the Newark Pump Station and the Plant and included several access improvements for both east and west manholes on this part of the force main. Phase 2 construction was completed in August 2018.

With the completion of the developer's Force Main Relocation Project in Newark, the Phase 3 project was able to resume in the summer of 2022, after being put on hold in 2018.

Phase 3 of the Force Main Corrosion Repairs Project is ongoing and is addressing repairs in the manholes on the western force main between the Irvington Pump Station and the Newark Pump Station. The Phase 3 project is anticipated to be completed December 2022.

Previous Board Action

January 23, 2017, the Board authorized the General Manager to execute Task Order No. 2 with West Yost Associates in the amount of \$113,464 to provide design services for the Force Main Corrosion Repairs Project – Phase 1.

June 12, 2017, the Board awarded the construction contract for the Force Main Corrosion Repairs Project – Phase 1 to Cratus, Inc. in the amount of \$821,000.

July 10, 2017, the Board authorized the General Manager to execute Task Order No. 3 with West Yost Associates in the amount of \$33,085 to provide design support services during the construction of the Force Main Corrosion Repairs Project – Phase 1.

October 9, 2017, the Board authorized the General Manager to execute Task Order No. 4 with West Yost Associates in the amount of \$62,248 to provide design services for the Force Main Corrosion Repairs Project – Phase 2.

December 4, 2017, the Board accepted the construction of the Force Main Corrosion Repairs Project – Phase 1 from Cratus, Inc.

March 26, 2018, the Board awarded the contract for the Force Main Corrosion Repairs Project – Phase 2 to Cratus, Inc in the amount of \$931,800.

October 8, 2018, the Board accepted the construction of the Force Main Corrosion Repairs Project – Phase 2 from Cratus, Inc.

October 22, 2018, the Board authorized the General Manager to execute Task Order No. 6 with West Yost Associates in the amount of \$59,533 to provide design services for the Force Main Corrosion Repairs Project – Phase 3.

April 11, 2022, the Board awarded the construction contract for the Force Main Corrosion Repairs Project – Phase 3 to Power Engineering Construction Co. in the amount of \$1,063,072.

April 25, 2022, the Board authorized the General Manager to execute an agreement and Task Order No. 1 with Quincy Engineers, Inc. in the amount of \$494,790 to provide construction management services for the Irvington Basin Reinforced Concrete Pipe Rehabilitation Project and Force Main Corrosion Repairs Project – Phase 3.

Attachments: Figures 1 and 2 – Location Maps
Figure 3 through 10 - Photos
Task Order No. 8



Legend

⊕

Access Manhole

⊕

Access/Blow Off Combination

△

ARV

○

Blow Off

●

Rating 1

●

Rating 2

●

Rating 3

●

Not Inspected

LS

Lift Station

PS

Pump Station

—

Twin 33" Force Mains

—

Twin 39" Force Mains

Notes:
1. Rating 1 requires immediate attention.
2. Rating 2 requires repair in 2-3 years.
3. Rating 3 requires repair after 3 years or place on PM schedule.

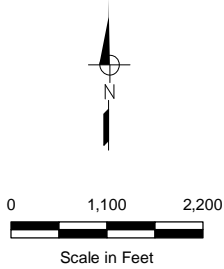


Figure 1
Irvington Pump Station to Newark Pump Station
Manhole Condition Ratings
Union Sanitary District
Force Main Manhole Corrosion Repairs



Legend

⊕ Access Manhole

⊕ Access/Blow Off Combination

△ ARV

○ Blow Off

● Rating 1

● Rating 2

● Rating 3

● Not Inspected

LS Lift Station

PS Pump Station

WWTP Alvarado Treatment Plant

— Twin 33" Force Mains

— Twin 39" Force Mains

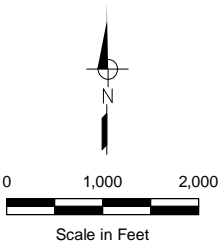


Figure 2

Newark Pump Station to Alvarado Treatment Plant Manhole Condition Ratings

Union Sanitary District
Force Main Manhole Corrosion Repairs

Figures 3-10 (Photos)



Figure 3 – Manway at Cargill Salt Fields North Access Manhole



Figure 4 - Blind Flange at Stevenson Boulevard Access Manhole



Figure 5 – Valve at Automall ARV Manhole



Figure 6 – Blowoff Tube at Cherry Street Blowoff Manhole



Figure 7 – ARV Piping at Cargill ARV Manhole



Figure 8 – Bollard at Cherry St. ARV Manhole



Figure 9 – Turf Block Pad at Morton Avenue Access Manholes



Figure 10 – Grading and Retaining Wall at Cushing Parkway No. 1 Access Manhole

FORCE MAIN CORROSION REPAIRS PROJECT

(USD Project No. 800-491)

TASK ORDER NO. 8

to

AGREEMENT

BETWEEN

UNION SANITARY DISTRICT

AND

WEST YOST ASSOCIATES, INC.

FOR

PROFESSIONAL SERVICES

Dated October 26, 2016

1. PURPOSE

The purpose of Task Order No. 8 is to authorize the final design and bid period services for Phase 4 of the Force Main Corrosion Repairs Project (Project). The purpose of the Project is to rehabilitate force main manholes as identified and prioritized during Task Order No. 1, Pre-design. Due to force main shutdown constraints and concurrent projects, the repairs will be split into multiple phases, spanning several construction seasons. Construction for Phases 1 through 2 have been completed, and Phase 3 is near completion. Phase 4 is anticipated to consist of repairs to 13 access manholes, 5 ARV manholes, and 3 blowoff manholes located on the east side of the twin force mains between the Irvington Pump Station and the Newark Pump Station.

2. PROJECT COORDINATION

All work related to this task order shall be coordinated through the Union Sanitary District's (District's) Project Manager, Andrew Baile.

3. SCOPE OF SERVICES

The task numbers in this Scope of Services relate directly to the costs presented in Item 7, Payment to the Engineer, and the schedule presented in Item 8, Time of Completion. Deliverables to be received by the District are described in Item 4, Deliverables.

Task 1. Project Management

This task includes project management activities, including day-to-day administration, progress meetings and technical reviews.

Subtask 1.01—Project Administration. Monitor progress of individual tasks, budgets, and schedule; and coordinate completion of work products.

Subtask 1.02—Progress Meetings. Attend up to one in-person progress meeting to discuss and review progress and significant action items. Engineer shall prepare and submit meeting agendas and minutes.

Subtask 1.03—Technical Reviews. Technical reviews shall be conducted by the Principal-in-Charge, Project Manager, and a senior staff member not directly involved in the project.

Task 2. Design

This task includes services for permitting, field investigations, and preparation of bid documents and cost estimates for the Project. One set of plans and specifications shall be submitted to the District for review at the 90 percent completion level, and one set shall be submitted at the 100 percent completion level. Engineer shall address all comments in writing and submit one set of the final bid documents to the District for printing, bid advertisement, and distribution.

At the beginning of the design work, Engineer shall hold a meeting or conference call to review RFIs, change orders, omissions, unforeseen conditions, and other issues from the Phases 1 through 3 constructions. Engineer shall incorporate these lessons learned from the previous phases into the Phase 4 design.

This task also includes the design of various access improvements (summarized as follows), and work for the design of these improvements is described in the subtasks described below. Construction of these improvements shall be during Phase 4 construction. Engineer shall conduct a field meeting with District staff to confirm the scope details for each site. Coordination, permitting, and design of these improvements shall also be in accordance with recommendations provided in the Biological Resources Assessment conducted by WRA Environmental Consultants, dated April 2017, and completed during the Phase 1 design period.

- Morton Ave (MH 259911 & MH 249911): Removing and Replacing Turf Block
- Sportsfield ARV (MH 259936 & MH 249936): Extending Slope of Access Pad
- Cherry Street Pump Station (MH 259933 & MH 249933): Repairing/Installing Access Steps
- Auto Mall Pkwy (MH 259906 & MH249906): Site grading
- Automall ARV (MH 259934 & MH 249934): Site grading
- Cushing Pkwy 1 (MH 259901 & MH249901): Raising Manhole, Raising Existing Retaining Walls, and Site Grading

Subtask 2.01—Agency Coordination & Permitting. Engineer shall update coordination and permitting as necessary for the Phase 4 scope of work. Stakeholders may include the City of Fremont and the City of Newark (Cities), Alameda County Flood Control & Water Conservation District (ACFC&WCD), U.S. Department of Fish and Wildlife (USDFW), and private property owners. Engineer shall identify the necessary requirements for obtaining encroachment permits, right of entry agreements, and construction access. The District will pay for permitting fees and prepare right of entry agreements with private property owners. It is anticipated that no temporary construction easements will have to be obtained since the force main alignment is entirely within existing permanent easements. Consultant effort is based on obtaining four (4) permits which includes necessary forms and providing information to agencies as needed.

Subtask 2.02—Design Drawings. Drawings shall be prepared using AutoCAD conforming to the District's digital submittal guidelines. The design shall include appropriately scaled plans and details. It is assumed that approximately 16 drawing sheets will be prepared.

The Engineer shall create a drawing sheet(s) with a schedule or matrix that lists the manholes to be repaired, gives their descriptive or colloquial name for ease of future discussions, indicates which repair detail in the plans is applicable, includes any other pertinent information regarding the scope of work, and is organized to correspond with an adjacent overview map.

In addition, the bollards, access ladders, and other small improvements to be repaired/installed have been determined by the District and a list of these improvements will be provided to the consultant.

Pursuant to the work of Subtasks 2.01 and 2.02 above, Engineer shall design the six access improvements sites listed above. It is assumed that there will be no adverse impacts to biological resources and jurisdictional wetland delineation is not required for the work.

Subtask 2.03—Specifications. Specifications shall be prepared in Microsoft Word format. Engineer shall prepare bidding and contract requirements (Division 00), general requirements (Division 01), technical specifications (Division 02), and appendices in CSI format and based on District Standards. District will provide boilerplate front end specifications in Microsoft Word Format.

Subtask 2.04—Construction Cost Estimates. Engineer shall develop a construction cost estimate at the 90 and 100 percent design completion levels.

Task 3. Bid Period Services

The purpose of this task is to assist the District during the bidding phase of the Project. The District will advertise and distribute bid documents.

Subtask 3.01—Pre-bid Meeting, Bidder Inquiries, and Bid Evaluation. Engineer shall attend one in person pre-bid meeting, attend one site walk, and prepare meeting minutes for distribution.

Engineer shall answer bidders' technical questions during the bid period. Engineer shall provide as-needed assistance to the District in bid evaluation.

Subtask 3.02—Addenda. Engineer shall prepare up to two addenda to be distributed by the District during the bid period.

Subtask 3.03—Conformed Documents. Engineer shall prepare conformed plans and specifications incorporating addenda items.

4. DELIVERABLES

Project deliverables and their respective digital file formats are listed below:

- Meeting agendas (Microsoft Word) and meeting notes (Adobe PDF).
- ACFC&WCD encroachment permit application, and other permitting documents as necessary.
- One set of draft plans and specifications at the 90 percent completion level (Microsoft Word and Adobe PDF).
- One set of plans and specifications at the 100 percent completion level (Microsoft Word and Adobe PDF).
- One set of final bid documents (Microsoft Word and Adobe PDF).
- Cost estimates at the 90 and 100 percent completion levels (Adobe PDF).
- Drawing files in AutoCAD 2016 format submitted on a DVD or via file transfer or file sharing site.
- Addenda (Microsoft Word and Adobe PDF), pre-bid meeting minutes (Adobe PDF), and email documentation of phone conversations with bidders.
- One set of conformed plans and specifications (Adobe PDF and AutoCAD)

5. NOT USED

6. NOT USED

7. PAYMENT TO THE ENGINEER

Payment to the Engineer shall be as called for in Article 2 of the Agreement, shall be on a time and materials cost basis for services provided, and shall be in accordance with the Billing Rate Schedule contained in Exhibit A (updated annually) except that subconsultants will be billed at actual cost plus 5%, outside services will be billed at actual cost, and mileage will be billed at the prevailing IRS standard mileage rate. The billing rate schedule is comparable to a multiplier of 3.22 and a profit of 12.4 percent; the not-to-exceed amount shall be \$68,178. A summary of the anticipated distribution of cost and manpower between tasks is shown in Exhibit B.

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

Force Main Corrosion Repairs Project

Task Order No. 8

Page 5

Task Order / Amendment	Not to Exceed Amount	Board Authorization Required?	District Staff Approval
Task Order No. 1 – Predesign	\$25,855	No	Sami E. Ghossain
Task Order No. 2 – Phase 1 Design	\$113,464	Yes	Paul R. Eldredge
Task Order No. 3 – Phase 1 Engineering Services During Construction	\$33,085	Yes	Paul R. Eldredge
Task Order No. 4 – Phase 2 Design	\$62,248	Yes	Paul R. Eldredge
Task Order No. 5 – Phase 2 Engineering Services During Construction	\$35,148	No	Sami E. Ghossain
Task Order No. 6 – Phase 3 Design	\$59,533	Yes	Paul R. Eldredge
Task Order No. 7 – Phase 3 Engineering Services During Construction	\$48,912	No	Raymond Chau
Task Order No. 8 – Phase 4 Design	\$68,178	Yes	Paul R. Eldredge
Total	\$446,423		

8. TIME OF COMPLETION

All work defined in this Task Order shall be completed in accordance with the following schedule and subject to the conditions of Article 3 of the Agreement:

Design Schedule	
<u>Milestone</u>	<u>Date</u>
Notice to Proceed	October 25, 2022
90% Design Submittal	December 28, 2022
100% Design Submittal	February 16, 2023
Final Bid Documents	March 3, 2023

9. KEY PERSONNEL

Key engineering personnel or subconsultants assigned to Task Order No. 8 are as follows:

Role	Personnel/Subconsultant
Principal-in-Charge	Greg Chung
Project Manager	Scott Greenwood
Project Engineer	Mykaiah Clermont

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

IN WITNESS WHEREOF, the parties hereto have made and executed this Task Order No. 8 as of _____ and therewith incorporated it as part of the Agreement.

DISTRICT

ENGINEER

Union Sanitary District

West Yost Associates

By: _____

By: _____

Name: Paul R. Eldredge, P.E.

Name: Greg Chung

Title: General Manager/District Engineer

Title: Vice President

2022 Billing Rate Schedule

(Effective August 1, 2022 through December 31, 2022)*



POSITIONS	LABOR CHARGES (DOLLARS PER HOUR)
ENGINEERING	
Principal/Vice President	\$328
Engineer/Scientist/Geologist Manager I / II	\$310 / \$324
Principal Engineer/Scientist/Geologist I / II	\$280 / \$298
Senior Engineer/Scientist/Geologist I / II	\$251 / \$264
Associate Engineer/Scientist/Geologist I / II	\$215 / \$231
Engineer/Scientist/Geologist I / II	\$173 / \$201
Engineering Aide	\$101
Field Monitoring Services	\$93
Administrative I / II / III / IV	\$89 / \$112 / \$134 / \$148
ENGINEERING TECHNOLOGY	
Engineering Tech Manager I / II	\$322 / \$324
Principal Tech Specialist I / II	\$296 / \$306
Senior Tech Specialist I / II	\$271 / \$283
Senior GIS Analyst	\$245
GIS Analyst	\$232
Technical Specialist I / II / III / IV	\$173 / \$197 / \$221 / \$247
Technical Analyst I / II	\$124 / \$148
Technical Analyst Intern	\$100
Cross-Connection Control Specialist I / II / III / IV	\$129 / \$140 / \$157 / \$175
CAD Manager	\$195
CAD Designer I / II	\$151 / \$171
CONSTRUCTION MANAGEMENT	
Senior Construction Manager	\$313
Construction Manager I / II / III / IV	\$191 / \$205 / \$217 / \$275
Resident Inspector (Prevailing Wage Groups 4 / 3 / 2 / 1)	\$167 / \$185 / \$207 / \$215
Apprentice Inspector	\$151
CM Administrative I / II	\$81 / \$109
Field Services	\$215

- Hourly rates include Technology and Communication charges such as general and CAD computer, software, telephone, routine in-house copies/prints, postage, miscellaneous supplies, and other incidental project expenses.
- Outside Services such as vendor reproductions, prints, shipping, and major West Yost reproduction efforts, as well as Engineering Supplies, etc. will be billed at actual cost.
- The Federal Mileage Rate will be used for mileage charges and will be based on the Federal Mileage Rate applicable to when the mileage costs were incurred. Travel other than mileage will be billed at cost.
- Subconsultants will be billed at actual cost plus 5%.
- Expert witness, research, technical review, analysis, preparation and meetings billed at 150% of standard hourly rates. Expert witness testimony and depositions billed at 200% of standard hourly rates.
- A Finance Charge of 1.5% per month (an Annual Rate of 18%) on the unpaid balance will be added to invoice amounts if not paid within 45 days from the date of the invoice.

2022 Billing Rate Schedule

(Effective August 1, 2022 through December 31, 2022)*



Equipment Charges

EQUIPMENT	BILLING RATES
2" Purge Pump & Control Box	\$270 / day
Aquacalc / Pygmy or AA Flow Meter	\$28 / day
Emergency SCADA System	\$35 / day
Gas Detector	\$80 / day
Generator	\$39 / day
Hydrant Pressure Gauge	\$10 / day
Hydrant Pressure Recorder, Impulse (Transient)	\$55 / day
Hydrant Pressure Recorder, Standard	\$40 / day
Low Flow Pump Controller	\$75 / day
Powers Water Level Meter	\$32 / day
Precision Water Level Meter	\$19 / day
Stainless Steel Wire per foot	\$0.03 / day
Storage Tank	\$15 / day
Sump Pump	\$24 / day
Transducer Components (per installation)	\$23 / day
Trimble GPS – Geo 7x	\$220 / day
Tube Length Counter	\$22 / day
Turbidity Meter	\$22 / day
Vehicle	\$10 / day
Water Flow Probe Meter	\$20 / day
Water Quality Meter	\$27 / day
Water Quality Multimeter	\$185 / day
Well Sounder	\$30 / day

Exhibit B
Fee Table
Task Order No. 8

West Yost Associates		P/VP \$328 Chung	AE/AS/AG II \$231 Greenwood	ESG II \$201 Clermont	ADM IV \$148	P/VP \$328	Labor		Costs		
							Hours	Fee	Sub. w/ markup 5%	Other Direct	Total Costs
PROJECT: Force Main Corrosion Phase 4 - Task Order 8											
Task 1		Project Management									
1.01 Project Administration		2	8				10	\$ 2,504			\$ 2,504
1.02 Progress Meetings		6	6				12	\$ 3,354		\$ 100	\$ 3,454
1.03 Technical Reviews						10	10	\$ 3,280			\$ 3,280
Subtotal, Task 1 (hours)		8	14	0	0	10	32				
Subtotal, Task 1 (\$)		\$ 2,624	\$ 3,234			\$ 3,280		\$ 9,138		\$ 100	\$ 9,238
Task 2		Design									
2.01 Agency Coordination & Permitting			30	30			60	\$ 12,960			\$ 12,960
2.02 Design Drawings			50	60			110	\$ 23,610			\$ 23,610
2.03 Specifications		4	16		8		28	\$ 6,192			\$ 6,192
2.04 Construction Cost Estimates			4	6			10	\$ 2,130			\$ 2,130
Subtotal, Task 2 (hours)		4	100	96	8	0	208				
Subtotal, Task 2 (\$)		\$ 1,312	\$ 23,100	\$ 19,296	\$ 1,184			\$ 44,892			\$ 44,892
Task 3		Bid Period Services									
3.01 Pre-Bid Meeting, Bidder Inquiries, and Bid Evaluation		2	20				22	\$ 5,276		\$ 100	\$ 5,376
3.02 Addenda		2	10	10		2	24	\$ 5,632			\$ 5,632
3.03 Conformed Documents			4	4		4	12	\$ 3,040			\$ 3,040
Subtotal, Task 3 (hours)		4	34	14	0	6	58				
Subtotal, Task 3 (\$)		\$ 1,312	\$ 7,854	\$ 2,814		\$ 1,968		\$ 13,948		\$ 100	\$ 14,048
TOTAL (hours)		16	148	110	8	16	298				
TOTAL (\$)		\$ 5,248	\$ 34,188	\$ 22,110	\$ 1,184	\$ 5,248		\$ 67,978	\$ 0	\$ 200	\$ 68,178





Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

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

Karen W. Murphy
Attorney

**OCTOBER 24, 2022
BOARD OF DIRECTORS MEETING
AGENDA ITEM # 13**

TITLE: **Authorize the General Manager to Execute Contract Change Order No. 32 with Kiewit Infrastructure West Co. for the Alvarado Influent Pump Station 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 Contract Change Order No. 32 with Kiewit Infrastructure West Co. (Kiewit) for the credit amount of \$153,570 to delete the replacement of the Degritter Building roof from the Alvarado Influent Pump Station (AIPS) Improvements Project (Project).

Discussion

In October 2019, the Board awarded the construction contract for the Project to Kiewit in the amount of \$8,890,660. Among other things, the scope of work for this Project included the replacement of the roofing membrane at the Degritter Building.

A detailed description of the scope for the Project is included in the Background section of this report. Figure 1 includes a site plan showing the location of the AIPS and Degritter Building.

This project has experienced multiple delays since the contract was awarded. These included:

- In April 2020, onsite work for the Project was temporarily suspended as a result of the Alameda County Order of the Health Officer No. 20-10 to shelter in place due to the Covid-19 pandemic. The project resumed in July 2020.

- Kiewit informed the District of delays in obtaining the roof membrane materials due to significant supply chain issues. The roofing material manufacturers notified contractors that nearly all products were experiencing significant lead times into late 2021. This delay pushed the Degritter Building roof membrane replacement to the 2022 dry season.
- In April 2022, Kiewit informed the District that their roofing subcontractor was going out of business. As a result, Kiewit solicited quotes from other roofing contractors to perform the roofing replacement work at the Degritter Building. However, due to supply chain issues, the necessary roofing materials were still not readily available.

Given the amount of time that has passed, staff is of the opinion that it is prudent to remove this scope of work from the current project and incorporate it into a future project, currently anticipated to be the Plant Miscellaneous Improvement Project.

Kiewit was able to perform some of the work and installed the necessary roof flashing and patch areas as required to eliminate any active leaks into the building. This work has been completed and the existing roof has been tested to confirm watertightness. The credit amount of \$153,570 equates to bid amount for the replacement of the Degritter Building roof minus costs associated with the work that was able to be completed.

Background

The Alvarado Influent Pump Station (AIPS), originally constructed in 1985, is located within the Alvarado Wastewater Treatment Plant (Plant) and transports wastewater from the Alvarado drainage basin to the Headworks through a force main that is separate from the District's other two pump stations, Newark and Irvington.

In 2000, the District replaced the original wastewater pumps, variable frequency drives (VFDs), and 480-volt power distribution switchboard with new equipment. The pumps, VFDs, and switchboard are approaching the end of their useful service life. The pump maintenance activities became more frequent, and the equipment replacement parts more difficult and expensive to purchase. To maintain the reliable pumping capacity of the AIPS, staff determined the need to replace the equipment.

The 2018 Plant Asset Condition Assessment Update Study recommended, and staff identified, the replacement of other equipment and improvements at the AIPS that have reached or are near the end of their useful lives, such as gate valves, fans, sump pumps, gas detectors, electric panels, and a transformer.

In addition, the 2017 Seismic Vulnerability Assessment Study evaluated the concrete structure of the AIPS and recommended strengthening the connections between the precast roof panels, between the above-grade precast walls and the roof, and between the above-grade precast walls and the below-grade cast-in-place walls. The strengthening of these connections will increase

the rigidity of the roof and allow the seismic loads transfer from the above-grade structure to the below-grade cast-in-place walls.

Carollo was selected to perform the professional engineering services for the Project, and they completed the design in June 2019. The scope of work for the Project includes the following improvements:

- Replacement of the five wastewater pumps, associated piping, valves, actuators, and VFDs.
- Replacement of the 480-volt power distribution switchboard.
- Demolition of 18-inch surge relief valve and associated piping, air compressors, air dryer, air receiver, and control panels.
- Installation of air relief valve at Flow Meter Pit No. 1.
- Seismic retrofits to the AIPS structure and interior platforms.
- Replacement of the AIPS roof membrane.
- Concrete repairs and coating removal and replacement within the AIPS wet wells.
- Replacement of the AIPS Head Gate.
- Replacement of the AIPS Diversion Gate Stem, Hydraulic Cylinder and Hydraulic Power Unit; Bar Screen Channel Gates; and Wet Well Isolation Gate.
- Replacement of the AIPS Scrubber Fan, Wet Well Supply Fan, Roof Exhaust Fan, and Dry Well Supply Fan.
- Replacement of the AIPS Influent Channel Level Sensor, Wet Well Level Sensors, Gas Detectors and control panels, Wet Well room and outdoor lighting with LED, and sump pumps and control panel.
- Recoating the exterior of the 42-inch Header in the AIPS.
- Removal of the interior AIPS wall coating.
- Removal of an out-of-service hydropneumatic tank.
- Improvements to the AIPS Wet Well Room floor drainage.
- Replacement of the Degritter Building roofing membrane.

The construction contract was awarded to Kiewit on October 14, 2019. Staff issued the Notice to Proceed to Kiewit on October 31, 2019, with a substantial completion date of November 28, 2021. The Project was delayed due the issues associated with the Covid-19 pandemic and is expected to be completed by the end of 2022.

Tanner Pacific was hired to provide construction management and inspection services for the Project.

Previous Board Action

August 27, 2018, the Board authorized the General Manager to execute Task Order No. 2 with Carollo in the amount of \$478,499 to provide final design services for the Project.

October 14, 2019, the Board awarded the construction contract for the Project to Kiewit Infrastructure West Co. in the amount of \$8,890,660.

October 28, 2019, the Board authorized the General Manager to execute Task Order No. 3 with Carollo in the amount of \$347,645 to provide engineering services during construction of the Project.

October 28, 2019, the Board authorized the General Manager to execute Task Order No. 1 with Tanner Pacific, Inc. in the amount of \$1,176,305 to provide construction management services for the Alvarado Influent Pump Station Improvements and Headworks Screens Replacement Projects.

Attachments: Figure 1 – Site Plan
Contract Change Order No. 32 – Degritter Building Roof Deletion Credit

UNION SANITARY DISTRICT
ALVARADO WASTEWATER TREATMENT PLANT

NO SCALE



Figure 1 - Site Plan

CONTRACT CHANGE ORDER No. 32

Alvarado Influent Pump Station Improvements Project

Item: Degritter Building Roof Deletion Credit

Contractor is hereby directed to make the herein described changes from the plans and specifications or do the following work not included in the plans and specifications of this contract. All new work herein described shall be done in accordance with the applicable provisions of the plans and specifications, except as specifically modified by this Contract Change Order.

DESCRIPTION OF CHANGE: The Project scope includes the replacement of the roof at the existing Degritter Building. This change order is being issued for the Contractor to provide a credit for the deletion of this work from the Contract Documents. This includes the deletion of all work related to the removal/replacement of existing roofing, associated asbestos abatement, and remaining roof drain modifications at the Degritter Building. This change order covers all costs and impacts associated with this reduction of work.

COST OF CHANGE: (\$153,570.00) Deduct

CONTRACT TIME ADJUSTMENT: 0 calendar days

We, the undersigned Contractor, have given careful consideration to all aspects of the change proposed and hereby agree. This Contract Change Order constitutes full and complete compensation for all labor, equipment, materials, overhead, profit, any and all indirect costs and time adjustment, including and delay and rescheduling, required to perform the above described change and will accept this Contract Change Order as full and final payment.

This document supplements the Contract Documents and all provisions of the Contract Documents will apply thereto. It is understood that the Contract Change Order shall be effective when fully executed by the District.

ACCEPTED:

Kiewit Infrastructure West Co.
Sr. Vice President:

By: _____
James Studer

Date: _____

RECOMMENDED FOR ACCEPTANCE:

Tanner Pacific, Inc.
Construction Manager:

By: _____
Michael Yeraka, P.E.

Date: _____

Union Sanitary District
Project Manager:

By: _____
Thomas Lam, P.E.

Date: _____

Union Sanitary District

CIP Coach:

By: _____
Curtis Bosick, P.E.

Date: _____

Union Sanitary District

Technical Services Manager:

By: _____
Raymond Chau, P.E.

Date: _____

AUTHORIZED STAFF APPROVAL:

The Contractor shall not commence with the above-described work of this change order prior to the approval by the District's Authorized Representative.

Union Sanitary District

Authorized Representative:

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

Date: _____

Executed Contract Change Orders

No.	Contract Change Order Title	Contract Time Adjustment, Calendar Days	Cost of Change
1	Smoke Detector Wiring to MCC Addition	0	\$3,121.50
2	Wet Well Isolation Gate Thimble Coating System	0	\$0.00
3	Milestone A and C Revisions	0	\$0.00
4	Work Plan to Resume Construction Activities	0	\$0.00
5	Asbestos Abatement	0	\$28,140.00
6	Pressure Gauge Snubber Removal	0	(\$1,189.53)
7	Fan Control Circuit Clarification	0	\$1,914.00
8	Permit Works Items to be Construction	0	\$0.00
9	Chopper Pump GEMS Moisture Sensor Deletion	0	(\$7,865.41)
10	Bar Screen Room Grout Additions and Deletions	0	\$0.00
11	Bar Screen Gate Redesign	0	\$6,173.20
12	Modify the Overhead Crane Systems License Agreement	0	(\$6,123.87)
13	Addition of Harness Ring to RS Pump Pipe Spools	0	\$28,739.66
14	Valve Room ARV Modifications	0	(\$796.61)
15	Flowmeter Pit No. 1 ARV Modifications	0	\$13,279.77
16	Roof Wall Connection Redesign	0	(\$4,200.18)
17	Deck Level Interior Wall Retrofit Design Change	0	\$21,495.10
18	Bar Screen Room Concrete Pour Back	0	\$1,568.73
19	Odor Scrubber Water Supply Line	0	\$1,516.65
20	Perimeter Angle Grouting	0	\$2,462.74
21	Wet Well Flooding During Coating Application	0	\$7,368.93
22	AIPSI Roof RFP Strengthening Sheet	0	\$15,467.50
23	Reinstall Dry Well Flooded Float Switch	0	\$1300.20
24	Modify Handwheel for Suction Knife Gate Valves	0	\$9,084.33
25	Bar Screen Channel #4 Pour-back Coating	0	\$4,824.26
26	Upsize HPU Wiring and Breaker	0	\$5,631.66
27	Re-sheave Scrubber Exhaust Fan	0	\$2,293.15
28	Additional Check Valve Counterweights	0	\$1,581.46
29	Submersible Level Transducer	0	\$2,117.50
30	Pump Room FRP Grating Modification	0	\$17,209.21
31	AIPS Crane Cable Repair and Recertification	0	(\$5,012.04)
		Total	\$150,101.91



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

**OCTOBER 24, 2022
BOARD OF DIRECTORS MEETING
AGENDA ITEM # 14**

TITLE: Authorize the General Manager to Execute Amendment No. 1 to Task Order No. 1 with Beecher Engineering, Inc. for the Switchboard No. 3 and Motor Control Center No. 25 Replacement 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
Kevin Chun, Associate Engineer

Recommendation

Staff recommends the Board authorize the General Manager to execute Amendment No. 1 to Task Order No. 1 with Beecher Engineering, Inc. (BEI) in the amount of \$13,020 for the Switchboard No. 3 (SWBD-3) and Motor Control Center No. 25 (MCC-25) Replacement Project (Project).

Discussion

The purpose of this Project is for the “in-kind” replacement of SWBD-3 and MCC-25 electrical gear equipment. SWBD-3 and MCC-25 were installed in the Main Electrical Building (MEB) as part of the 1993 Upgrade Project and are approaching the end of their useful service life. Additionally, the District has had trouble procuring replacement parts, as these types of SWBDs and MCCs are no longer supported by their respective manufacturers.

In August 2021, staff conducted a consultant procurement process and selected BEI to perform a preliminary assessment and final design services for the replacement of SWBD-3 and MCC-25. The preliminary assessment evaluated location alternatives, construction sequencing considerations, and design considerations for the Project. As part of the construction sequencing considerations, BEI recommended the pre-purchase of the new SWBD-3 and MCC-25 equipment as well as the temporary panelboards necessary to facilitate the work. This recommendation was primarily due to the anticipated long lead times for procuring the electrical equipment, which ultimately impacts how quickly SWBD-3 and MCC-25 can be replaced.

The purpose of Amendment No. 1 to Task Order No. 1 is to provide additional design services for the Project. This amendment reflects modifications to the existing scope of work, as well as new scope items. The additional scope items included in this amendment are as follows:

- Prepare the technical specifications and drawings for the pre-purchase of SWBD-3, MCC-25, and temporary panelboards as a separate bid package.
- Perform a technical review of the submittals and shop drawings that will be submitted by the equipment supplier in connection with the supply contract.

Unutilized portions of the Task Order No. 1 fee related to assessing and designing the refurbishment or replacement of the existing solar inverters at the Irvington Pump Station and the Plant were reallocated towards these additional scope items. The scope of services and fees of Amendment No. 1 with BEI are summarized below:

Task No.	Description	Amount (Deduct)/Add
3.0	Solar On-site Coordination	(\$1,890)
3.1	Prepare Pre-Purchase Bid Documents	\$17,220
3.2	Evaluate Pre-Purchase Documents	\$5,040
4.1	50% Document Development	(\$2,730)
4.2	90% Document Development	(\$6,300)
6.0	Project Management	\$1,680
Amendment No. 1 Not to Exceed Amount		\$13,020

Staff believes the amendment fee is reasonable for the effort needed to complete the additional design scope.

The task order amounts for the Project's agreement with BEI are summarized below:

Task Order	Not-to-Exceed Fee	Board Authorization Required?	District Staff Approval
Task Order No. 1 – Predesign and Final Design Services	\$95,340	No	Paul R. Eldredge
Amendment No. 1 to Task Order No. 1 – Additional Design Services	\$13,020	Yes	Paul R. Eldredge
Total	\$108,360		

The total not-to-exceed design fee of \$108,360 is 3.3 percent of the total preliminary construction cost of \$3.3 million. Industry standard is to budget 30 percent for all project soft

costs (e.g., design, construction management, inspection, engineering services during construction). There are currently no other soft costs for the Project.

The submittal process and procurement of the electrical equipment is estimated to have a lead time of approximately 16 months. Staff will coordinate with BEI to finalize the bid documents for the installation construction contract that coincides with the delivery date of the electrical equipment. Staff anticipates the installation construction contract for the Project will be advertised for bids in November 2023 with a construction duration of approximately 12-months.

Background

SWBD-3 distributes electrical power to several smaller load circuits (including MCC-25) and contains over-current and other protective devices, buses, metering, and instrumentation components. Since the 1993 Upgrade Project, additional loads were connected to SWBD-3 such as a backup feeder to Substation No. 1, Motor Control Center No. 33, and Switchboard “FOB” at the Field Operations Building (FOB). MCC-25 distributes electrical power to smaller standard motor control equipment such as breakers and starters for pumps and equipment in and around the MEB.

Task Order No. 1 – Predesign and Final Design Services

On October 27, 2021, staff executed an agreement and Task Order No. 1 with BEI in the amount of \$95,340 to provide professional engineering services for the Project. The scope of services performed by this task order included:

- Conducting a preliminary assessment of up to three location alternatives for SWBD-3 and MCC-25 within the MEB.
- Developing specific construction sequencing requirements and constraints for the Project.
- Assessing the existing solar inverters at the Irvington Pump Station and the Plant and make recommendations for either their refurbishment or replacement.
- Preparing technical specifications and drawings required to replace SWBD-3, MCC-25, and the existing solar inverters at the Irvington Pump Station.
- Preparing 50%, 90%, and final design documents, including Engineer’s construction cost estimates to accompany each submittal deliverable.
- Providing engineering support services during the bidding process.

Findings and recommendations from BEI’s assessment of the existing solar inverters at the Irvington Pump Station and the Plant are as follows:

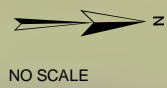
- The solar inverter at the Irvington Pump Station is of a bi-polar design that has become obsolete and therefore cannot be replaced in-kind. Additionally, refurbishment would be expensive and difficult given the limited number of companies and parts available for these types of inverters. BEI's recommendation was to continue operating the existing solar inverter until failure and begin planning efforts for a replacement solar system.
- With the reduction in panels at the Plant Solar Carport to facilitate the construction of Primary Digester No. 7, staff was able to salvage five inverters to keep as spares. Therefore, staff decided to continue operating the existing solar inverters (total of 18) until failure and utilize the spares for replacement as needed. Complete replacement of the inverters will be revisited once multiple failures have taken place.

Previous Board Action

None

Attachments: Figure 1 – Site Plan
 Figures 2-3 – Photos
 Amendment No. 1 to Task Order No. 1

UNION SANITARY DISTRICT
ALVARADO WASTEWATER TREATMENT PLANT



Location of Switchboard No. 3
and Motor Control Center No. 25

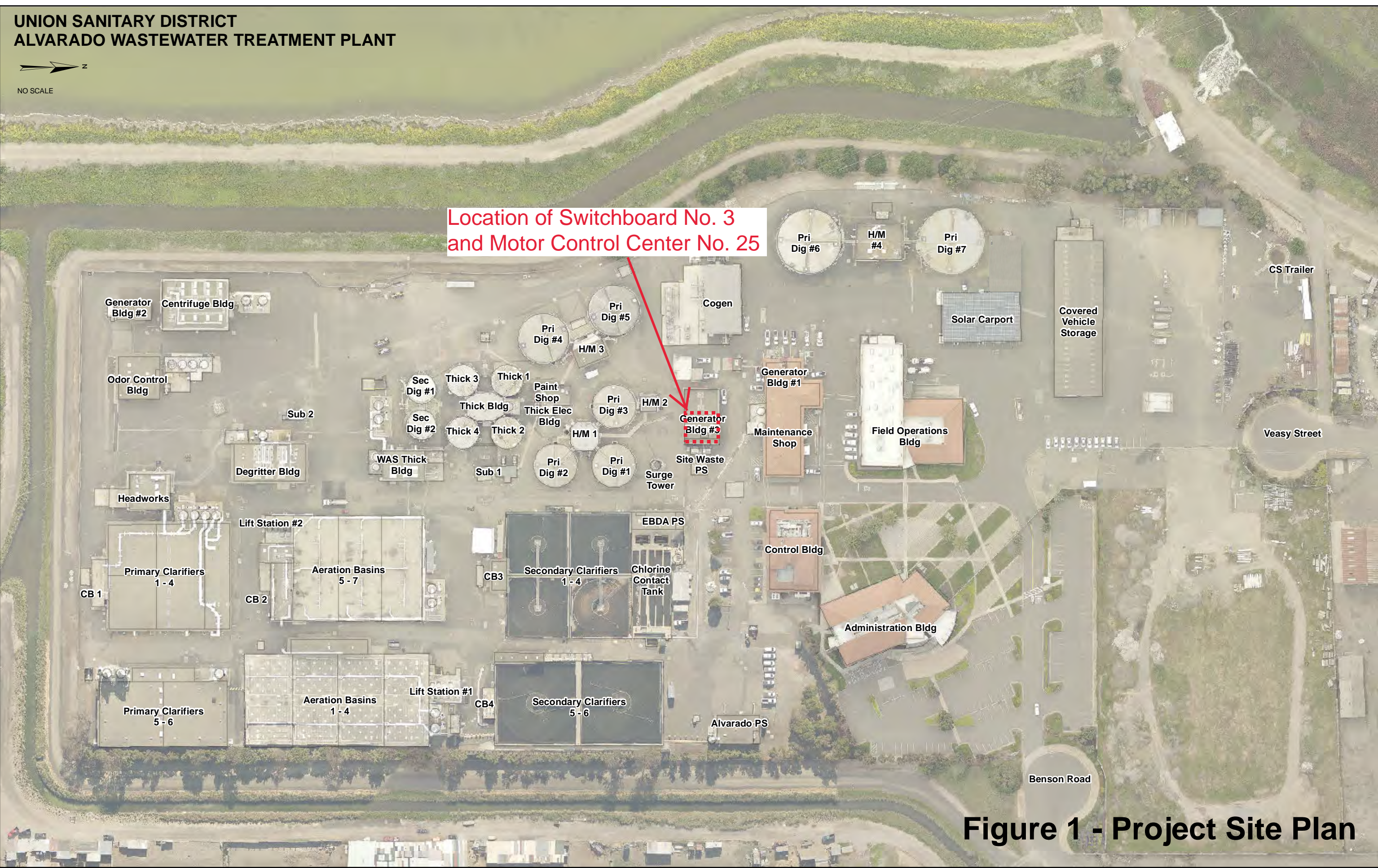


Figure 1 - Project Site Plan



Figure 2 – Switchboard No. 3 (located in the Main Electrical Building)



Figure 3 – Motor Control Center No. 25 (located in the Main Electrical Building)

SWITCHBOARD NO. 3 AND MCC. NO. 25 REPLACEMENT PROJECT

AMENDMENT NO.1

TO

TASK ORDER NO. 1

TO

AGREEMENT

BETWEEN

UNION SANITARY DISTRICT

AND

BEECHER ENGINEERING, INC.

FOR

PROFESSIONAL SERVICES

Dated October 27, 2021

1. PURPOSE

The purpose of Amendment No. 1 to Task Order No. 1 is to authorize additional engineering services provided by Beecher Engineering, Inc., hereinafter referred to as “Engineer” for the Switchboard No. 3 and MCC No. 25 Replacement Project hereinafter referred to as the “Project.” This amendment reflects modifications to the existing scope of work, as well as new scope items. The amendment addresses the efforts associated with revising the design effort to include preparation of pre-purchase of bid documents for the electrical equipment and review time for vendor electrical equipment submittals associated with the Project.

2. PROJECT COORDINATION

All work related to this task order shall be coordinated through the District’s Project Manager, Kevin Chun.

3. SCOPE OF SERVICES

The Scope of Services shall be amended as follows:

Subtask 3.0 – Solar On-site Coordination

The scope of work has been amended to reflect the reduced effort for on-site solar coordination.

Subtask 3.1 – Prepare Pre-purchase Bid Documents

The Engineer shall prepare technical specifications and drawings for the pre-purchase of new SWBD-3, new MCC-25, temporary switchboards SWBD-TEMP1 and SWBD-TEMP2 and temporary 480V panelboard PNL-TEMP3.

Subtask 3.2 – Evaluate Pre-Purchase Documents

The Engineer shall conduct a technical submittal review of the SWBD-3, new MCC-25, temporary switchboards SWBD-TEMP1 and SWBD-TEMP2 and temporary 480V panelboard PNL-TEMP3 electrical gear equipment within twenty-one (21) calendar days of the Engineer's receipt of the submittal.

Assumptions:

- The submittals will be transmitted to the Engineer electronically through the District's web-based document management system.

Subtasks 4.1 and 4.2 – 50% and 90% Document Development

Subtasks 4.1 and 4.2 have been reduced by a total of 43 hours. Preparation of the equipment pre-purchase documents under subtask 3.1 will reduce the level of effort originally budgeted under these subtasks.

Subtask 6.0 – Project Management

The scope of work has been amended to reflect the additional project management efforts associated with the extension of the project schedule.

4. DELIVERABLES

Submit technical specifications and drawings in PDF format for the pre-purchase of new SWBD 3, new MCC-25, temporary switchboards SWBD-TEMP1 and SWBD-TEMP2 and temporary 480V panelboard PNL-TEMP3 for inclusion in the District's Invitation for Bid (IFB) bid package.

5. PAYMENT TO THE ENGINEER

Payment to the Engineer shall be as called for in Article 2 of the Agreement. The Multiplier for this work shall be 2.31, including profit and the not-to-exceed amount shall be \$13,020. 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 – Design Services	\$95,340	No	Paul Eldredge
Amendment No.1 to Task Order No.1	\$13,020	Yes	Paul Eldredge
Total	\$108,360		

6. TIME OF COMPLETION

All Final Design work defined in Task Order No. 1 shall be completed within 120 calendar days before the arrival of the pre-purchased equipment and subject to the conditions of Article 3 of this Agreement. The project's revised milestones are as follows:

- 90% design submittal: 24 weeks prior to the delivery of the pre-purchased equipment.
- Final design submittal: 16 weeks prior to the delivery of the pre-purchased equipment.

7. KEY PERSONNEL

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

<u>Role</u>	<u>Key Person to be Assigned</u>
Design Engineer	Todd Beecher, P.E.

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

All other terms of the original Agreement and Task Order remain unchanged.

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

DISTRICT

ENGINEER

UNION SANITARY DISTRICT

BEECHER ENGINEERING, INC.

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

By: _____
Todd Beecher, P.E.
President

Exhibit A - Cost Breakdown Amendment No. 1 to Task Order No. 1

Beecher Engineering, Inc. - Switchboard No.3 and MCC No. 25 Replacement Project

Task Order No. 1				
Task	Description	Consultant Hours	Rate (\$/hr)*	Cost
TO1	Task Order No. 1	454	\$ 210.00	\$ 95,340.00
Amendment No. 1				
Task	Description	Consultant Hours	Rate (\$/hr)*	Cost
3.0	Solar On-site Coordination	-9	\$ 210.00	\$ (1,890.00)
3.1	Prepare Pre-Purchase Bid Documents	82	\$ 210.00	\$ 17,220.00
3.2	Evaluate Pre-Purchase Documents	24	\$ 210.00	\$ 5,040.00
4.1	50% Document Development	-13	\$ 210.00	\$ (2,730.00)
4.2	90% Document Development	-30	\$ 210.00	\$ (6,300.00)
6.0	Project Management	8	\$ 210.00	\$ 1,680.00
	Subtotal	62		\$ 13,020.00
* The multiplier for the hourly rate is 2.31				



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Karen W. Murphy
Attorney

**OCTOBER 24, 2022
BOARD OF DIRECTORS MEETING
AGENDA ITEM # 15**

TITLE: Award the Contract for the Supply of Electrical Equipment to KBL Associates for the Switchboard No. 3 and Motor Control Center No. 25 Replacement 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
Kevin Chun, Associate Engineer

Recommendation

Staff recommends the Board award the contract for the supply of electrical equipment to KBL Associates (KBL) in the amount of \$805,000 for the Switchboard No. 3 (SWBD-3) and Motor Control Center No. 25 (MCC-25) Replacement Project (Project).

Discussion

On August 18, 2022, staff prepared and issued an Invitation for Bid (IFB) for the supply of the electrical equipment for the Project. Staff received two bids on September 14, 2022 and the results are as follows:

Vendor	Bid Amount
Tesco Controls	\$841,000
KBL Associates	\$1,005,000

Tesco Controls (Tesco) was the apparent low bidder with a total bid amount of \$841,000 or 29% below the Engineer's Estimate of \$1.2 million. Staff reviewed the bid proposals and noted the following bid irregularities with Tesco's bid:

- Bid Item No. 3 for the preparation of submittal documents exceeded the specified “Not to Exceed” amount of \$10,000. Tesco listed \$25,000 for this bid item.
- Bid Item No. 5 for the California sales tax listed an amount lower than the Union City tax rate. Staff confirmed with Tesco that this was a typo and did not change the overall bid proposal amount.

District’s legal counsel reviewed these bid irregularities and determined that the bid irregularity associated with Bid Item No. 3 made Tesco’s bid non-responsive. Therefore, based on this determination and the significant difference in price between the next lowest bidder, staff deemed Tesco’s bid non-responsive, rejected all bids, and re-issued the IFB.

On September 30, 2022, the IFB was re-issued for the Project. Staff received three bids on October 12, 2022 and the results are as follows:

Vendor	Bid Amount
KBL Associates	\$805,000
Tesco Controls	\$841,000
MCC Controls	\$1,288,870*
*Bidder used incorrect bid forms and bid was deemed non-responsive.	

KBL was the apparent low bidder with a total bid amount of \$805,000 or 33% below the Engineer’s Estimate. The re-bidding of the IFB resulted in a lower bid amount by \$36,000 or 4.2% than the initial IFB bid amount. Staff reviewed the bid proposal submitted by KBL and found them to be in order.

The submittal process and procurement of the electrical equipment is estimated to have a lead time of approximately 16 months. Staff will coordinate with Beecher Engineering, Inc. (BEI) to finalize the bid documents for the installation construction contract that coincides with the delivery date of the electrical equipment. Staff anticipates the installation construction contract for the Project will be advertised for bids in November 2023 with a construction duration of approximately 12-months.

Background

SWBD-3 distributes electrical power to several smaller load circuits (including MCC-25) and contains over-current and other protective devices, buses, metering, and instrumentation components. Since the 1993 Upgrade Project, additional loads were connected to SWBD-3 such as a backup feeder to Substation No. 1, Motor Control Center No. 33, and Switchboard “FOB” at the Field Operations Building (FOB). MCC-25 distributes electrical power to smaller standard

motor control equipment such as breakers and starters for pumps and equipment in and around the MEB.

The purpose of this Project is for the “in-kind” replacement of SWBD-3 and MCC-25 electrical gear equipment. SWBD-3 and MCC-25 were installed in the Main Electrical Building (MEB) as part of the 1993 Upgrade Project and are approaching the end of their useful service life. Additionally, the District has had trouble procuring replacement parts, as these types of SWBDs and MCCs are no longer supported by their respective manufacturers.

In October 2021, staff executed an agreement and Task Order No. 1 with BEI in the amount of \$95,340 to provide professional engineering services for the Project. The scope of services performed by this task order included:

- Conducting a preliminary assessment of up to three location alternatives for SWBD-3 and MCC-25 within the MEB.
- Developing specific construction sequencing requirements and constraints for the Project.
- Assessing the existing solar inverters at the Irvington Pump Station and the Plant and make recommendations for either their refurbishment or replacement.
- Preparation of technical specifications and drawings required to replace SWBD-3, MCC-25 and the existing solar inverters at the Irvington Pump Station.
- Preparation of 50%, 90% and final design documents, including Engineer’s construction cost estimates to accompany each submittal deliverable.
- Providing engineering support services during the bidding process.

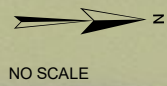
As part of the construction sequencing considerations, BEI recommended the pre-purchase of the new SWBD-3 and MCC-25 equipment as well as the temporary panelboards necessary to facilitate the work. This recommendation was primarily due to the anticipated long lead times for procuring the electrical equipment, which ultimately impacts how quickly SWBD-3 and MCC-25 can be replaced.

Previous Board Action

None

Attachments: Figure 1 – Site Plan
Figures 2-3 – Photos

UNION SANITARY DISTRICT
ALVARADO WASTEWATER TREATMENT PLANT



Location of Switchboard No. 3
and Motor Control Center No. 25

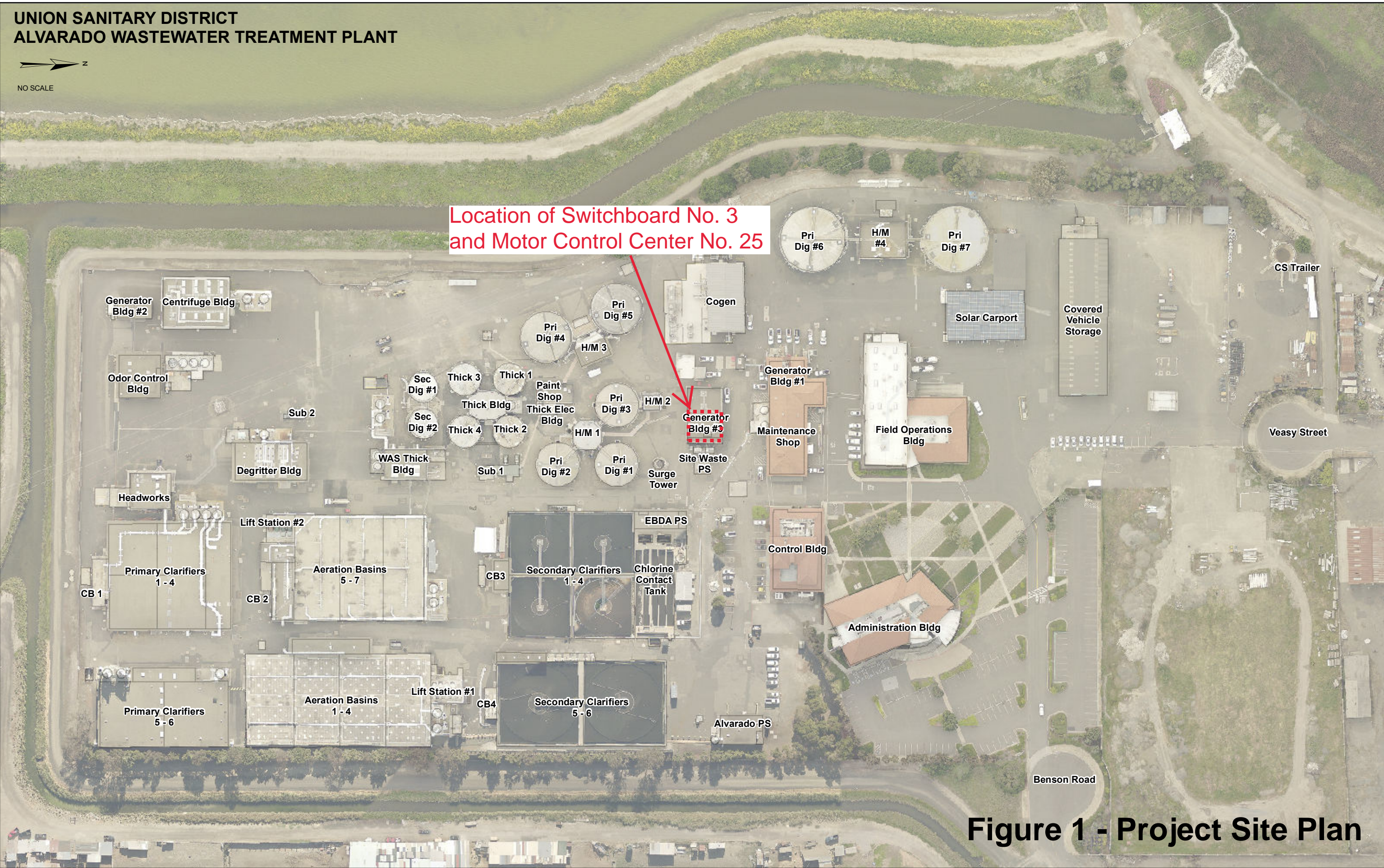


Figure 1 - Project Site Plan



Figure 2 – Switchboard No. 3 (located in the Main Electrical Building)



Figure 3 – Motor Control Center No. 25 (located in the Main Electrical Building)



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Karen W. Murphy
Attorney

**OCTOBER 24, 2022
BOARD OF DIRECTORS MEETING
AGENDA ITEM # 16**

TITLE: COVID-19 Update and Consider Adoption of a Resolution Authorizing the Use of Teleconference Meetings in Compliance with AB 361 (This is a Motion Item)

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

Recommendation

1. Receive an update from the General Manager on the District's COVID-19 response and staffing levels.
2. Adopt the attached resolution authorizing the use of teleconference meetings in compliance with AB 361.

Discussion

AB 361 requires public agencies to make findings by majority vote within 30 days of the first teleconferenced meeting under AB 361 and every 30 days thereafter that a state of emergency still exists and continues to directly impact the ability of the members to meet safely in person, or that officials continue to impose or recommend measures to promote social distancing. As directed by the Board on September 27, 2021, the District is continuing to hold teleconferenced meetings as allowed under AB 361.

The Board has adopted resolutions at least every 30 days starting on October 25, 2021, authorizing the use of teleconference meetings. Since the Board meeting of March 28, 2022, the Board has been scheduling teleconference meeting for committees and phasing-in in-person meetings for the Board.

The attached resolution reaffirms the findings required by AB 361 to allow the District to continue to hold teleconferenced meetings. This agenda item also includes the COVID-19 Update from the General Manager.

The Governor has just announced that the COVID-19 State of Emergency will end on February 28, 2023. We will provide a verbal update at the meeting.

Background

AB 361 was signed into law by the Governor on September 16, 2021, and amends the Brown Act to allow local legislative bodies to continue using teleconferencing and virtual meeting technology as long as there is a “proclaimed state of emergency” by the Governor. This allowance also depends on state or local officials imposing or recommending measures that promote social distancing or a legislative body finding that meeting in person would present an imminent safety risk to attendees. Though adopted in the context of the pandemic, AB 361 will allow for virtual meetings during other proclaimed emergencies, such as earthquakes or wildfires, where physical attendance may present a risk.

AB 361 prohibits councils and boards from limiting public comments to those submitted in advance of the meeting and specifies that the legislative body “must provide an opportunity for the public to ... offer comment in real time.” (Government Code 54953(e)(2)(E)). Additionally, the body must allow a reasonable time for public comment during the comment periods. The District allows for email comments to be submitted throughout Board meeting and the Board Clerk checks for emails continuously, including during the public comment portion for each agenda item.

The agenda must include information on the manner in which the public may access the meeting and provide comments remotely. AB 361 provides that if technical problems arise that result in the public’s access being disrupted, the legislative body may not take any vote or other official action until the technical disruption is corrected and public access is restored.

In addition, as noted in the Discussion section above, AB 361 requires public agencies to make findings by majority vote within 30 days of the first teleconferenced meeting under AB 361 and every 30 days thereafter that a state of emergency still exists and continues to directly impact the ability of the members to meet safely in person, or that officials continue to impose or recommend measures to promote social distancing. AB 361 will sunset on January 1, 2024.

Previous Board Action

The Board has adopted resolutions at least every 30 days starting on October 25, 2021, authorizing the use of teleconference meetings.

RESOLUTION NO. __

**A RESOLUTION OF THE BOARD OF DIRECTORS AUTHORIZING THE
USE OF TELECONFERENCE MEETINGS IN COMPLIANCE WITH AB 361**

WHEREAS, the Union Sanitary District is committed to preserving and nurturing public access and participation in meetings of the Board of Directors; and

WHEREAS, all meetings of Union Sanitary District's legislative bodies are open and public, as required by the Ralph M. Brown Act (Cal. Gov. Code 54950 – 54963); and

WHEREAS, Government Code 54953(e) permits teleconferencing in the event that a state of emergency is declared by the Governor pursuant to Government Code section 8625, and that either state or local officials have imposed or recommended measures to promote social distancing, or that the legislative body finds that meeting in person would present imminent risks to the health and safety of attendees; and

WHEREAS, on March 4, 2020, Governor Newsom issued a Proclamation of a State of Emergency in response to COVID-19, which remains in effect; and

WHEREAS, the Board has adopted resolutions authorizing the use of teleconference meetings in compliance with AB 361 since October 25, 2021; and

WHEREAS, the Board now desires to reaffirm and make the findings required to continue holding teleconference meetings in compliance with AB 361 due to COVID-19.

NOW, THEREFORE, BE IT RESOLVED, BY THE UNION SANITARY DISTRICT BOARD OF DIRECTORS, AS FOLLOWS:

1. The above recitals are true and correct and are material to this Resolution and are incorporated into this Resolution as findings of the District Board.

2. Pursuant to the requirements of Government Code Section 54953(e)(3), the District Board makes the following findings:

- (a) The state of emergency continues to exist;
- (b) The District Board has considered the circumstances of the continuing state of emergency;
- (c) Holding meetings in person will present imminent risks to the health and safety of attendees; and
- (d) The District Board will continue to meet by teleconference in accordance with Government Code section 54953(e).

3. The aforementioned findings apply to all committees and subcommittees of the District which are classified as legislative bodies pursuant to Government Code Section 54952.

4. The District Board will reconsider at least every 30 days, the circumstances of the emergency and review whether it continues to directly impact the ability of the members to meet safely in person.

5. If any section, subsection, subdivision, sentence, clause, phrase, or portion of this Resolution is, for any reason, held to be invalid or unconstitutional by the decision of any court of competent jurisdiction, such decision shall not affect the validity of the remaining portions of this Resolution. The Board hereby declares that it would have adopted this Resolution and each and every section, subsection, subdivision, sentence, clause, phrase, or portion thereof, irrespective of the fact that any one or more sections, subsections, subdivisions, sentences, clauses, phrases, or portions thereof be declared unconstitutional.

6. This Resolution shall take effect immediately upon its adoption.

PASSED, APPROVED, AND ADOPTED at a regular meeting of the Board of Directors on this 24th day of October, 2022.

AYES:

NOES:

ABSENT:

Jennifer Toy, Secretary

Anjali Lathi, Preside



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*General Manager/
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Karen W. Murphy
Attorney

**OCTOBER 24, 2022
BOARD OF DIRECTORS MEETING
AGENDA ITEM #17**

TITLE: **Board Expenses for 4th Quarter of Fiscal Year 2022 (*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 1st quarter of Fiscal Year 2023.

BOARD OF DIRECTORS

QUARTERLY TRAVEL AND TRAINING EXPENDITURE REPORT

1ST 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						
	TOTAL	1,958.68	0.00	0.00	0.00	5000.00	1,958.68	3041.32
HARRISON, JENNIFER								
	TOTAL	0.00	0.00	0.00	0.00	5000.00	0.00	5000.00
KITE, PAT								
	TOTAL	0.00	0.00	0.00	0.00	5000.00	0.00	5000.00
LATHI, ANJALI								
	TOTAL	0.00	0.00	0.00	0.00	5000.00	0.00	5000.00
GRAND TOTAL		1,958.68	0.00	0.00	0.00	25000.00	1,958.68	23041.32

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



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Karen W. Murphy
Attorney

**OCTOBER 24, 2022
BOARD OF DIRECTORS
MEETING AGENDA ITEM # 18**

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

SUBMITTED: Paul R. Eldredge, General Manager/District Engineer
Mark Carlson, 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 first quarter of FY 2023. This covers transactions from the CAL-Card billing period June 23, 2022 through September 22, 2022. During this quarter, we had 266 transactions totaling \$76,301.98.

Previous Board Action

None.

Attachments

Union Sanitary District Cal-Card Report.

Union Sanitary District Cal-Card Report FY23 Q1

Vendor's Name	Purchase Description	Total	Transaction Date	Work Group	Team
Peterson Truck	Truck #T3342 Repair	\$2,682.36	7/12/2022	CS	ST
CA Surveying & Drafting	Schonstedt GA-52CX Locator (2 each)	\$2,334.61	9/1/2022	CS	MTV
Blueair	(3) Protect 7770i: TPO, FMC, Lab Air Purifiers = \$1,469.97 + (3) Protect SmartFilter 7700 = \$359.97	\$2,026.66	9/17/2022	T&D	T&D
Paypal-CWEA	1-yr. of Job Listings	\$1,700.00	7/11/2022	BS	OST
The Home Depot	Rapid Set concrete	\$1,678.97	6/23/2022	CS	CT
Granite Rock	GranitePatch - 100 sacks	\$1,648.20	8/9/2022	CS	CT
Bed, Bath, & Beyond	Air Filter Units for COVID Sanitation	\$1,626.90	9/8/2022	CS	ST
CMC Print on Demand	Block Book printing	\$1,514.10	6/23/2022	CS	CS
Peterson	Repairs T2355	\$1,280.05	8/24/2022	CS	ST
IDEXX	Colilert Media and Supplies	\$1,265.55	9/13/2022	T&D	R&S
Mitch's Certified Classes	Backflow Course	\$1,250.00	7/19/2022	FMC	Mech
NASSCO Inc.	NASSCO Certification PACP Training class	\$1,075.00	8/8/2022	CS	MTV
Mouser Electronics	Phoenix Contact Signal Duplicator	\$1,029.72	7/14/2022	FMC	FMC
American Payroll Association	APA Subscription Renewal	\$1,015.00	7/19/2022	BS	FAST
Courtyard Marriott	Lodging for Backflow Course & Exam 8/8/22-8/13/22	\$1,012.94	7/21/2022	FMC	Mech
Water Environment Federation (Turpin)	Standard Methods on-line	\$945.00	6/24/2022	T&D	T&D
City of Union City	Encroachment Permit for Manhole Repairs	\$930.50	8/12/2022	CS	CS
Logitech	Webcams for District users	\$885.96	9/14/2022	FMC	IT
Schwalm USA	2 Joysticks & adapter	\$864.10	8/10/2022	CS	CT
Weck Laboratories	VOC analysis for EC	\$862.00	7/4/2022	T&D	R&S
Norkan	DevPrep 88 Cleaner	\$850.00	8/3/2022	FMC	FMC
California Public Employers Labor Relations Association	Conference Registration	\$842.00	9/8/2022	BS	BS
JM Equipment	Axle assembly, #C7355	\$839.03	8/4/2022	CS	ST
Blueair	Air Purifier for FMC/Ops Break Room	\$797.40	8/9/2022	T&D	T&D
Teledyne Instruments	Sampler Pump	\$789.06	7/11/2022	FMC	FMC
Southwest	Flight for WEFtec	\$784.46	9/19/2022	FMC	Mech
Southwest	Flight for WEFtec	\$784.46	9/19/2022	FMC	Mech
D&S Sales, Inc.	Winch Cable & Spare Winch for T2371	\$775.77	8/31/2022	CS	ST
GG Truck	DEF Unit, T3346	\$773.17	6/29/2022	CS	ST
Amazon	Desk motor	\$652.32	9/7/2022	CS	ST
Home Depot	Flooring for T4353	\$633.05	8/18/2022	CS	ST
SourceGear	SourceGear maintenance and renewal	\$630.00	6/22/2022	FMC	IT
Construction Zone	Vehicle Decals - New Logo	\$629.61	8/4/2022	CS	ST
California Association of Public Information Officials	Conference Fees	\$625.00	7/28/2022	TS	CST
California Association of Sanitation Agencies	Conference Fees	\$625.00	7/29/2022	TS	CST
California Association of Sanitation Agencies	Conference Registration	\$625.00	7/28/2022	BOARD	BOARD
Free drinking water.com	Water filter	\$615.80	9/2/2022	CS	ST
Hyatt	P3S Conference Hotel	\$589.29	6/23/2022	TS	EC
ZipRecruiter, Inc.	Monthly Subscription	\$549.00	6/28/2022	BS	OST
ZipRecruiter, Inc.	Monthly Subscription	\$549.00	7/26/2022	BS	OST
ZipRecruiter, Inc.	Monthly Subscription	\$549.00	8/28/2022	BS	OST

Union Sanitary District Cal-Card Report

FY23 Q1

Vendor's Name	Purchase Description	Total	Transaction Date	Work Group	Team
Uline	55 Gal Drums- Hazmat	\$539.67	7/14/2022	FMC	FMC
Home Depot	Plywood for false bottoms	\$537.23	7/29/2022	CS	CT
Logitech	Noise canceling headsets for TPO Coaches	\$531.58	9/8/2022	FMC	IT
ID Enhancements	ID smart cards for OST	\$520.86	7/26/2022	FMC	IT
SP Wilmad-LabGlass	Distillation apparatus	\$493.76	6/24/2022	T&D	R&S
eBay	Tires, P8363	\$481.49	8/18/2022	CS	ST
Wiley TNSI.Com NJ	Job Posting for ETSU APM on ASCE	\$476.00	8/10/2022	BS	OST
Accuform	Signs for ETSU project	\$461.64	8/30/2022	ETSU	ETSU
The Construction Zone	New District Logo Decals for Vehicles	\$448.81	9/16/2022	CS	ST
Best Buy	Wireless keyboards for District users	\$442.95	6/22/2022	FMC	IT
Clean Waters, Inc.	Polymer Cleaner	\$436.06	7/27/2022	FMC	FMC
Brady	All weather label tape	\$429.65	6/30/2022	FMC	FMC
BlastOne	Dust sock for Paint Shop filter	\$416.42	7/25/2022	FMC	FMC
Best Buy	Power supplies for Surface users	\$415.25	8/25/2022	FMC	IT
Zoom	Zoom for Board Meetings	\$408.39	7/17/2022	FMC	IT
Zoom	Zoom for Board meetings	\$408.39	8/17/2022	FMC	IT
Zoom	Zoom for Board Meetings	\$408.39	9/17/2022	FMC	IT
Fremont Bobcat	Bobcat Brush Parts	\$403.31	8/3/2022	CS	ST
Quick Search	Pre-employment background check on 4 new hires (\$288.65 for ITE, EC Rep and CSWI, and \$98.89 for another CSWI)	\$387.54	6/22/2022	BS	OST
Bay Counties Diesel	DPF cleaning, Trk# T3252	\$378.39	8/1/2022	CS	ST
Bay Counties Diesel	Charge reversed. Credit issued on 9/1/22. See end of report for credit.	\$376.95	7/27/2022	CS	ST
APWA	Job posting for CST Coach position	\$375.00	7/6/2022	BS	OST
Rival Branding	Clean Seal Stickers	\$368.00	7/13/2022	CS	ST
Environmental Express	Interference check std	\$353.76	8/29/2022	T&D	R&S
The NELAC Institute	TNI Standard site license	\$350.00	6/22/2022	T&D	T&D
Yourmember-careers	Post Engineer Job on National Society for Black Engineers (NSBE)	\$350.00	8/8/2022	BS	OST
KM D Machine	Repair hyd cylinder, M6261	\$333.00	7/20/2022	CS	ST
D&F Liquidators	OCAL Conduit Fittings	\$332.25	8/3/2022	FMC	FMC
Blueair	(3) Classic 500/600 Series Particle Filter	\$332.22	9/8/2022	T&D	T&D
Dell	Headphones for District users	\$332.22	9/13/2022	FMC	IT
WEF	WEF Membership Renewal	\$332.00	6/28/2022	FMC	Mech
WEF	WEF Membership Renewal	\$332.00	6/28/2022	FMC	Elect
WEF	WEF Membership Renewal	\$332.00	6/28/2022	FMC	Elect
Crescent Electric	ILP Lubricant	\$330.45	9/1/2022	CS	CT
Venngage	Annual renewal on training software	\$327.60	7/1/2022	BS	OST
NACWA	Outreach stickers	\$325.00	8/5/2022	TS	EC
Amazon	Battery powered grinders	\$321.16	7/29/2022	CS	CT
Bay Counties Diesel	DPF cleaning, Trk #T3022	\$320.96	7/6/2022	CS	ST

Union Sanitary District Cal-Card Report FY23 Q1

Vendor's Name	Purchase Description	Total	Transaction Date	Work Group	Team
Bay Counties Diesel	DPF cleaning, Trk #T3099	\$320.96	7/6/2022	CS	ST
Bay Counties Diesel	DPF cleaning, Trk #T3272	\$320.96	7/13/2022	CS	ST
Bay Counties Diesel	DPF cleaning' Trk #T3262	\$320.96	7/13/2022	CS	ST
Eagle Wings Co.	Scissor Lift Training	\$315.00	7/25/2022	FMC	Elect
Global Industrial	Mobile Height Adjustable Laptop Workstation - for Grace (originally \$315.95, minus promotional discount -\$31.60 = \$284.35)	\$314.92	8/25/2022	T&D	R&S
Tap Plastic	Clear Covers	\$312.62	9/20/2022	FMC	FMC
JPR Systems	Flexim Flowmeter Extension Cable	\$310.07	7/15/2022	FMC	FMC
Yourmember-careers	Post Engineer Job on Society for Advancement of Chicanos/Hispanics and Native Americans in Science	\$309.00	8/8/2022	BS	OST
CA-NV Section AWWA	Backflow Exam Fee	\$305.00	7/20/2022	FMC	Mech
Yourmember-careers	Post Engineer Job on Society of Hispanic Professional Engineers (SHPE)	\$299.00	8/9/2022	BS	OST
Home Depot	Disposer	\$291.88	6/27/2022	CS	ST
Walgreens	Printing of 25 sets of District PPE Wall Calendars	\$282.26	6/21/2022	BS	OST
Amercian Red Cross	Ault first aid/CPR classes for 8 employees	\$280.00	8/10/2022	BS	BS
American Payroll Association	Membership	\$275.00	9/13/2022	BS	FAST
D & S Sales	Truck 2371 & 2372 Winch Cables	\$270.76	6/27/2022	CS	ST
Yourmember-careers	Post Engineer Job on Society of Women Engineers (SWE) Career Center	\$270.00	8/8/2022	BS	OST
WEF	WEF Membership Renewal	\$267.00	8/19/2022	FMC	Mech
Airport Appliance	Microwave for TPO breakroom	\$254.50	8/19/2022	CS	ST
Accuform	Signs for outfall project	\$240.29	8/19/2022	TS	CIP
JobElephant	Job Posting for Mechanic on Upward.net and MilitaryJob.com	\$234.00	6/29/2022	BS	OST
Office Depot	Headphones for District users	\$232.54	8/25/2022	FMC	IT
FastSigns	Vehicle Decals (Magnetic) - Board Member Names	\$228.25	8/31/2022	CS	CS
CDW-G	Power B Pro licenses for District users	\$226.90	6/30/2022	FMC	IT
Kelly Spicers	Sprayer/Chemical for sanitizing	\$222.97	9/9/2022	CS	ST
South Point Hotel, Casino and Spa	Tri State Conference Lodging	\$222.80	7/27/2022	TS	EC
South Point Hotel, Casino and Spa	Tri State Conference Lodging	\$222.80	7/28/2022	TS	EC
Roberts Mamaroneck NY (Daves New York)	HiVis Jackets	\$217.85	7/22/2022	CS	ST
IDEXX	Fecal Coliform standard	\$215.74	9/13/2022	T&D	R&S
Sacramento State Office of Water Programs	Certification Study Books	\$213.05	8/3/2022	CS	CS
SiteOne	Concrete - trailered	\$206.17	6/30/2022	CS	CT
Hardy	Sterile DI water	\$202.53	8/22/2022	T&D	R&S
CWEA	Membership Renewal	\$202.00	7/20/2022	CS	CS
CWEA	Membership Renewal	\$202.00	8/2/2022	TS	EC
CWEA	Membership Renewal	\$202.00	8/18/2022	CS	CS
CWEA	Membership Renewal	\$202.00	9/1/2022	TS	EC
CWEA	Membership Renewal	\$202.00	8/29/2022	TS	EC

Union Sanitary District Cal-Card Report FY23 Q1

Vendor's Name	Purchase Description	Total	Transaction Date	Work Group	Team
Brown and Caldwell	Job posting for ETSU APM position on BC WaterJobs	\$200.00	7/11/2022	BS	OST
Amazon	USB Drives for IT Windows 10 Imaging	\$199.32	8/25/2022	FMC	IT
NeoGov	NeoGov Job Boost on ZipRecruiter - CST Coach	\$199.00	8/13/2022	BS	OST
NeoGov	NeoGov Job Boost on ZipRecruiter - ETSU APM	\$199.00	8/13/2022	BS	OST
Kleen-Rite	Chemical mixing pump	\$198.61	6/22/2022	CS	ST
Amazon	Defender safety helmet	\$193.92	7/29/2022	CS	MTV
CustomLanyard.com	200 Lanyards with new USD name	\$187.20	7/26/2022	BS	BS
CWEA	Exam Application	\$185.00	9/21/2022	TS	EC
Safelite	Windshield Repair T1304	\$178.83	9/20/2022	CS	ST
Hose Warehouse	Band-it buckles - ILP	\$176.02	8/11/2022	CS	CT
Amercian Red Cross	Ault first aid/CPR classes for 5 employees	\$175.00	8/10/2022	BS	BS
Smart Signs	Signs for ETSU project	\$169.00	8/30/2022	ETSU	ETSU
CDW-G	Monitor for MTV truck	\$166.89	8/8/2022	FMC	IT
Municipal Maintenance Equipment	Replacement Parts for Spinning Cleaning Nozzle	\$166.69	8/29/2022	CS	MTV
Municipal Maintenance Equipment	Cleaning Nozzle Skid	\$165.96	8/30/2022	CS	MTV
Kully Supply	Janitor Mop Sink faucet 83	\$161.96	8/16/2022	CS	ST
Courtyard Marriott Cal Sacramento	Disputed Courtyard Marriott charge	\$161.12	8/9/2022	FMC	Mech
FastSigns	White Board Labels (Magnetic) for MTV Coach	\$158.95	9/1/2022	CS	CS
Rice Lake	Thermometer calibration	\$158.50	8/17/2022	T&D	R&S
Grease Extension Hoses	Fittings and hardware for oil purging	\$157.71	6/24/2022	FMC	FMC
CWEA	TCP Seminar	\$150.00	7/20/2022	CS	CS
DKFSolutions	Course Registration - Developing Your Leadership Skills	\$150.00	9/19/2022	BS	OST
Uline	Storage crates	\$145.90	7/1/2022	CS	CS
Brady	Weatherproof Label Tape	\$143.22	7/28/2022	FMC	FMC
Brady	Weatherproof Label Tape	\$143.22	8/8/2022	FMC	FMC
Walmart	Coffee machine for admin building	\$131.79	8/2/2022	CS	ST
MISAC	MISCAC Membership	\$130.00	7/13/2022	FMC	IT
NeoGov	NeoGov Job Boost on Indeed - CST Coach	\$130.00	7/28/2022	BS	OST
NeoGov	NeoGov Job Boost on Indeed - ETSU APM	\$130.00	7/28/2022	BS	OST
NeoGov	Job Boost on ETSU APM on Governmentjobs.com	\$125.00	7/14/2022	BS	OST
NeoGov	Job Boost on CST Coach on Governmentjobs.com	\$125.00	7/14/2022	BS	OST
CWEA	Collection Systems Summer Meeting	\$120.00	6/29/2022	CS	CS
Pesticide Applicators Professional Association	PAPA Required Training	\$120.00	9/21/2022	CS	MTV
FTD.com	Flowers - Policy #5335	\$114.06	7/30/2022	CS	CS
East Bay Flowers	Flowers - Policy #5335	\$111.86	6/24/2022	CS	CS
Sacramento State Office of Water Programs	Certification Study Books	\$110.53	7/28/2022	CS	CS
Apec water formula	Water filter additive for FMC trailer	\$106.82	8/22/2022	CS	ST
QuickSearch	Pre-employment Background Check	\$106.55	8/2/2022	BS	OST
CWEA	Certification Renewal Fee	\$106.00	6/22/2022	CS	CS
CWEA	Certification Renewal Fee	\$106.00	7/20/2022	CS	CS
CWEA	ECI-3 Member Renewal Fee	\$105.00	8/8/2022	TS	EC
LoveandSan IKES	OST Team Q1 quarterly recognition	\$103.65	8/10/2022	BS	BS

Union Sanitary District Cal-Card Report FY23 Q1

Vendor's Name	Purchase Description	Total	Transaction Date	Work Group	Team
Angels 24 Hour Flowers	Flowers - Policy #5335	\$102.98	6/21/2022	CS	CS
CWEA	CWEA CSM3 Cert Renewal	\$101.00	7/14/2022	FMC	Mech
Pesticide Applicators PROF. ASSC	PAPA Stockton Seminar	\$100.00	7/20/2022	CS	CT
CWEA	ECI-2 Member Renewal Fee	\$100.00	7/27/2022	TS	EC
ICC	UST exam	\$99.00	8/24/2022	CS	ST
Amazon	Confined Space Entry Helmet	\$97.40	8/28/2022	CS	MTV
FedEx Kinkos	Cleaning Area/District Map Printing	\$97.26	9/16/2022	CS	CS
Chemetrics	Test Kit supplies	\$96.40	7/13/2022	T&D	R&S
Teleflora.com	Flowers - Policy #5335	\$96.33	9/8/2022	CS	CS
CWEA	Certificate Renewal	\$96.00	6/28/2022	TS	EC
CWEA	Certificate Renewal	\$96.00	7/20/2022	CS	CS
Amazon	Light	\$95.73	9/20/2022	FMC	Mech
Togo's	Lunch for PO III Trainee Finalist Interview Panel	\$94.17	8/24/2022	BS	OST
Chemetrics	Detergent test kit	\$93.20	7/18/2022	T&D	R&S
Chemetrics	Phosphate test kit	\$91.80	7/18/2022	T&D	R&S
CDW-G	Power BI Premium license	\$90.88	6/30/2022	FMC	IT
Full Source	Vest	\$90.83	8/25/2022	FMC	Elect
PDF-Flip.com	Purchase of Software for converting documents into virtual flip-book.	\$89.00	9/2/2022	BS	OST
White Cap	Filled Gravel Bags	\$88.60	7/13/2022	CS	MTV
Amazon	Solar battery charger	\$87.38	8/10/2022	CS	ST
Home Depot	Floor adhesive for trailer	\$86.84	8/31/2022	CS	ST
Smart & Final	Janitorial Supply	\$86.31	8/12/2022	CS	ST
Home Depot	Wire Lube	\$85.80	8/17/2022	CS	CT
East Bay Times	East Bay Times	\$84.92	8/10/2022	GM	GM
1-800-Flowers.com	Flowers - Policy #5335	\$84.86	8/13/2022	BS	BS
Home Depot	Epoxy	\$81.86	6/24/2022	FMC	FMC
Quick Search	Pre-employment Background Check	\$81.25	9/1/2022	BS	OST
Dish Network	Dish Network Monthly Charge	\$81.04	7/3/2022	BS	BS
Dish Network	Dish Network Monthly Charge	\$81.04	8/2/2022	BS	BS
Dish Network	Dish Network Monthly Charge	\$81.04	9/2/2022	BS	BS
Pesticide Applicator Professional Association	Pesticide Applicator Seminars 8/10 & 8/24	\$80.00	7/21/2022	CS	CS
Tap Plastic	Plexi-Glass for cubical	\$73.53	6/24/2022	CS	ST
Autozone	Battery, Air comp #E5380	\$69.51	8/12/2022	CS	ST
MSA	MSA SFBA Membership	\$68.22	7/6/2022	CS	CS
Harbor Freight	Tool Box T1377	\$66.14	9/21/2022	CS	ST
Full Circle Padding Inc.	Replacement grey 18" Roller pad for the leg machine in USD's gym (purchase for the exercise committee)	\$62.30	8/24/2022	Exercise Comm.	Exercise Comm.
Facebook	Boosted posts (Ads)	\$61.70	7/10/2022	TS	CST
Hach	Dispenser cap	\$61.16	9/9/2022	T&D	R&S
Pesticide Applicators PROF. ASSC	PAPA Membership	\$60.00	7/20/2022	CS	CT
CWEA	USA North & Line Locating Awareness Training	\$60.00	6/29/2022	CS	MTV

Union Sanitary District Cal-Card Report FY23 Q1

Vendor's Name	Purchase Description	Total	Transaction Date	Work Group	Team
Home Depot	Microwave CS for CS breakroom	\$55.35	8/18/2022	CS	ST
Walmart	(2) Igloo 48 qt. Laguna Ice Chest Cooler, Red (\$24.88/each)(for deliveringlab samples)	\$55.11	8/21/2022	T&D	R&S
eBay	Pressure Gauges 0-15psi	\$52.82	8/24/2022	CS	CT
Amazon	TPMS, P8363	\$52.60	8/21/2022	CS	ST
Amazon	Compucleaner 2.0	\$52.04	6/26/2022	GM	GM
Amazon	Washer Nozzles	\$50.92	9/5/2022	CS	ST
CWEA	Training Class	\$50.00	6/28/2022	CS	MTV
CWEA	SFBS Annual Safety Seminar	\$50.00	9/8/2022	FMC	Mech
WEF	Expo Attendee Fee for WEFtec	\$50.00	9/21/2022	FMC	Mech
Amazon	Helmet bags	\$48.68	7/31/2022	CS	CS
Home Depot	Piping for LE project	\$47.93	6/27/2022	FMC	FMC
Lowes	Picture hanger	\$47.30	6/24/2022	CS	ST
Amazon	Office supplies	\$46.28	7/30/2022	CS	CS
Amazon	HVAC actuator	\$44.62	9/18/2022	CS	ST
Knight Sound &Lighting	Horn mount bracket- covered storage	\$42.99	7/7/2022	FMC	FMC
IDEXX	Comparator	\$39.32	9/13/2022	T&D	R&S
Autozone	High mount stoplight, P8330	\$38.75	7/26/2022	CS	ST
Meta (Facebook)	Boosted Posts (Ads)	\$38.30	8/10/2022	TS	CST
Office Depot	Folder holder for camera room	\$37.90	6/27/2022	CS	ST
Amazon	Desk leg support	\$37.64	9/5/2022	CS	ST
Amazon	Tire Pressure	\$37.60	6/24/2022	CS	MTV
DTSC	Hazardous Waste Manifest Fee Non-Recycled	\$37.50	9/7/2022	FMC	FMC
Amazon	Dry erase markers and USB cables for IT	\$37.31	8/4/2022	FMC	IT
Cuisinart	Coffee Filter Basket Lid & Filter	\$37.10	8/9/2022	FMC	FMC
Amazon	Confined Space Entry Helmet bags	\$36.51	8/26/2022	CS	CS
Amazon	Ign Sw, Carts	\$33.72	6/30/2022	CS	ST
Home Depot	Peg board for work station	\$33.20	8/12/2022	FMC	IT
Webstaurant	Temp. MH covers - slurry	\$33.12	7/6/2022	CS	CT
Green Leaf Cleaners	Dry Clean USD Tablecloth	\$33.00	6/24/2022	TS	EC
Smart & Final	Chips and soda for Mechanic I/II Recruitment Lunch	\$32.97	7/21/2022	FMC	FMC
Amazon	June Safety	\$29.70	7/31/2022	CS	MTV
Amazon	July Safety	\$29.70	8/30/2022	CS	MTV
Amazon	August Safety	\$29.70	8/31/2022	CS	CT
Lowes	Hardware for Gym Water	\$29.61	9/13/2022	CS	ST
Amazon	Oil Drain, M6261	\$29.07	8/21/2022	CS	ST
Amazon	August Safety	\$27.68	9/1/2022	CS	MTV
Amazon	May Safety	\$26.89	6/28/2022	CS	ST
Amazon	June Safety	\$25.37	6/28/2022	CS	ST
B.A. fastrak	Fastrak Device - reload	\$25.00	8/10/2022	CS	CS
Fastrak	FasTrak Toll	\$25.00	9/7/2022	CS	CS
Fastrak	FasTrak Toll	\$25.00	9/16/2022	CS	CS

Union Sanitary District Cal-Card Report

FY23 Q1

Vendor's Name	Purchase Description	Total	Transaction Date	Work Group	Team
Amazon	June Safety	\$24.75	7/31/2022	CS	CT
Amazon	August Safety	\$24.51	9/7/2022	CS	ST
Crown Awards	Trophy (OST Award) for employee recognition	\$24.34	9/5/2022	BS	BS
Amazon	Gas Strut, Cart Door	\$22.14	7/21/2022	CS	ST
Amazon	Replacement face shield	\$22.09	7/29/2022	CS	CT
Amazon	Battery charger post	\$21.64	8/9/2022	CS	ST
Meta (Facebook)	Boosted Posts (Ads)	\$20.00	9/10/2022	TS	CST
Lowes	Hooks	\$18.03	9/5/2022	CS	ST
Ebay	Gauges - 60 PSI	\$17.61	8/11/2022	CS	CT
Ebay	Gauges - 15 PSI	\$17.61	8/11/2022	CS	CT
Amazon	Amazon Prime Membership	\$16.60	7/21/2022	CS	ST
Amazon	Amazon Prime Membership	\$16.60	8/21/2022	CS	ST
Amazon	Amazon Prime Membership	\$16.60	9/21/2022	CS	ST
Lowe's	Linch pins	\$16.48	9/1/2022	CS	ST
Harbor Freight	Peg board hooks for work station	\$15.45	8/11/2022	FMC	IT
Harbor Freight	Parts for shop	\$14.37	8/4/2022	CS	ST
Amazon	Fuel Float, T3099	\$13.83	9/2/2022	CS	ST
Amazon	Resistors, T3346	\$7.74	7/19/2022	CS	ST
FasTrak	FasTrak Toll	\$7.00	8/24/2022	TS	CIP
Lowes	Paint	\$6.62	9/20/2022	CS	ST
East Bay Flowers	Credit Flower Vendor Overcharge from April	-\$1.01	4/24/2022	CS	CS
Dale Hardware	Credit	-\$66.15	8/4/2022	FMC	Mech
JM Equipment	Credit	-\$151.85	8/5/2022	CS	ST
Burt Process	Centrifugal pump (Credit)	-\$178.86	7/5/2022	CS	ST
Dale Hardware	Credit	-\$286.63	8/4/2022	BS	FAST
Hyatt Resort at Squaw Creek	Hold for CASA Conference Hotel Reservation (refund)	-\$301.81	7/26/2022	BOARD	BOARD
Bay Counties Diesel	Credit	-\$376.95	9/1/2022	CS	ST
Norkan	Credit for DevPrep 88	-\$448.00	7/21/2022	FMC	FMC

TOTAL FOR Q1: \$76,301.98

TOTAL # OF TRANSACTIONS FOR Q1: 266



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

**OCTOBER 24, 2022
BOARD OF DIRECTORS MEETING
AGENDA ITEM #19**

TITLE: **Status Report on Computer Purchase and Student Loan Program (*This is an Information Item*)**

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

Recommendation
Information only.

Discussion

Computer Purchase Loan Program

Since inception, employees have utilized the program 404 times to purchase computer related equipment totaling \$957,037 with an average purchase of \$2,369. The current terms of the program allow an employee to borrow a maximum of \$3,300 for up to 3 years and to repay the loan through payroll deductions. The program has a maximum District wide loan limit of \$50,000 (including student loan maximum of \$15,000).

As can be seen in the chart below, there are currently 16 outstanding loans for a total of \$17,027 with an average outstanding loan balance of \$1,064. During the year there were 3 new loans granted and 10 loans paid off.

Employee Computer Loan Program		
	Dollars	Quantity
Balance July 1, 2021	\$ 29,430	23
New Loans	8,534	3
Payments & Adjustments	(20,937)	(10)
Balance June 30, 2022	<u>\$ 17,027</u>	<u>16</u>

Student Loan Program

Employees have not taken advantage of the program since its inception.

Background

The Computer Purchase Loan Program was authorized by the Board of Directors in 1989 and provides an opportunity for employees to receive an interest free loan for the purchase of approved technology related equipment.

The Student Loan Program was created in 1995 and allows for a maximum annual interest free loan of up to \$3,000 for qualifying education expenses.

Previous Board Action

None

**UNION SANITARY DISTRICT
CHECK REGISTER
10/01/2022-10//2022**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
182135	10/13/2022	110	170120220930	PACIFIC GAS AND ELECTRIC	SERV TO 09/20/2022 PLANT	\$934,325.94	\$959,737.78
	10/13/2022	170	761520220930		SERV TO 09/25/22 NEWARK PS	\$25,411.84	
182046	10/6/2022	143	201180079	HAZEN AND SAWYER	PUMP STATION ASSET CONDITION ASSESSMENT	\$9,130.00	\$295,901.72
	10/6/2022	114	2011800419		ETSU PHASE 1B PROJECT	\$131,994.69	
	10/6/2022	114	201180106		MP - AERATION BASIN MODIFICATIONS	\$85,887.08	
	10/6/2022	143	2011800232		MP - AERATION BASIN MODIFICATIONS	\$7,961.63	
	10/6/2022	114	201180111		CAMPUS BUILDINGS (ADMIN, FMC, OPS)	\$60,928.32	
182066	10/6/2022	143	800516.2	POWER ENGINEERING CONSTRUCTION	FORCE MAIN CORROSION REPAIRS PROJECT PHASE 3	\$275,939.78	\$275,939.78
182137	10/13/2022	114	188265	PSOMAS CORP	AERATION BASIN MODIFICATIONS	\$159,064.65	\$159,064.65
182052	10/6/2022	143	W8Y07900010	JACOBS ENGINEERING GROUP, INC	PUMP STATIONS CHEMICAL SYSTEM IMPROVEMENTS	\$121,175.25	\$121,175.25
182054	10/6/2022	143	800501.23	KIEWIT INFRASTRUCTURE WEST CO	ALVARADO INFLUENT PS PUMPS AND VFDS	\$101,249.88	\$101,249.88
182069	10/6/2022	141	187774	PSOMAS CORP	TURK ISLAND INSPECTION SERVICES	\$7,000.00	\$84,549.13
	10/6/2022	143	187773		STANDBY POWER SYSTEM UPGRADE	\$77,549.13	
182032	10/6/2022	143	11456065	BROWN & CALDWELL CONSULTANTS	STANDBY POWER SYSTEM UPGRADE	\$50,752.12	\$50,752.12
182042	10/6/2022	143	325591	CITY OF FREMONT	PERMIT: IRVINGTON BASIN RCP REHABILITATION	\$25,633.46	\$25,633.46
182134	10/13/2022	173	15757	OPTM	EPP UPGRADE PROJECT	\$23,571.81	\$23,571.81
182148	10/13/2022		533620220922	US BANK CORP PAYMENT SYSTEM	MONTHLY CAL-CARD REPORT - SEPTEMBER 2022	\$23,475.11	\$23,475.11

**UNION SANITARY DISTRICT
CHECK REGISTER
10/01/2022-10//2022**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
182145	10/13/2022	110	50569583	UNIVAR SOLUTIONS USA INC	4998.7 GALS SODIUM HYPOCHLORITE	\$7,928.78	\$23,469.11
	10/13/2022	110	50577336		4897.1 GALS SODIUM HYPOCHLORITE	\$7,767.63	
	10/13/2022	110	50584329		4900.3 GALS SODIUM HYPOCHLORITE	\$7,772.70	
182041	10/6/2022	170	249757	FRANK A OLSEN COMPANY	4 PINCH VALVE BLADDERS	\$22,281.71	\$22,281.71
182121	10/13/2022	136	52218	LANCE, SOLL & LUNGARD LLP	2022 GOVERNMENT AUDIT	\$21,156.00	\$21,156.00
182106	10/13/2022	123	1941	DUN-RITE EXCAVATING INC	SERVICE: CONCRETE WORK	\$20,929.00	\$20,929.00
182056	10/6/2022	173	1183803	KRONOS INC	CREDIT: KRONOS CLOUD HOSTING FEE	\$-4,111.22	\$17,843.96
	10/6/2022	173	11959649		KRONOS CLOUD HOSTING FEE	\$13,762.29	
	10/6/2022	173	11959626		KRONOS ANNUAL SUPPORT	\$8,192.89	
182088	10/13/2022	110	4071037120220926	ALAMEDA COUNTY WATER DISTRICT	SERV TO: 09/23/22-BENSON ROAD	\$1,590.63	\$17,769.66
	10/13/2022	120	4111994220221003		SERV TO: 09/30/22-MTR HYD B16583492	\$818.00	
	10/13/2022	110	4071036120220926		SERV TO: 09/23/22-BENSON ROAD	\$15,208.57	
	10/13/2022	110	4071038120220930		SERV TO: 09/23/22-BENSON ROAD	\$152.46	
182038	10/6/2022	143	177697	ESA	SEA LEVEL RISE STUDY UPDATE	\$16,918.33	\$16,918.33
182083	10/6/2022	110	50555260	UNIVAR SOLUTIONS USA INC	4799.2 GALS SODIUM HYPOCHLORITE	\$7,612.33	\$15,386.30
	10/6/2022	110	50559080		4901.1 GALS SODIUM HYPOCHLORITE	\$7,773.97	
182123	10/13/2022	173	26050FF	LOOKINGPOINT INC	PUMP STATION BU COMM REFRESH	\$11,870.00	\$11,870.00
182136	10/13/2022	110	1676555	POLYDYNE INC	42,600 LBS CLARIFLOC WE-539	\$9,280.21	\$9,280.21
182059	10/6/2022		374322221001	LINCOLN NATIONAL LIFE INS COMP	LIFE & DISABILITY INSURANCE - OCT 2022	\$9,144.55	\$9,144.55

**UNION SANITARY DISTRICT
CHECK REGISTER
10/01/2022-10//2022**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
182060	10/6/2022	173	26044MSA	LOOKINGPOINT INC	NEXT CARE ON DEMAND RENEWAL - SEP	\$1,225.00	\$8,815.00
	10/6/2022	173	25895FF		VSAN SWITCH R AND R	\$7,590.00	
182017	10/6/2022	171	2000657999	AECOM TECHNICAL SERVICES INC	HAZMAT CONSULTING SERVICES	\$8,550.47	\$8,550.47
182018	10/6/2022	170	4017274120220919	ALAMEDA COUNTY WATER DISTRICT	SERV TO: 09/09/22 - FREMONT BLVD	\$8,501.95	\$8,501.95
182033	10/6/2022	143	27507	CAROLLO ENGINEERS	ALVARADO INFLUENT PS PUMPS AND VFDS	\$7,540.23	\$7,540.23
182120	10/13/2022	173	20220920160406855	KWIZCOM CORPORATION	FORMS APP ENTERPRISE SUBSCRIPTION	\$6,546.00	\$6,546.00
182124	10/13/2022		484818	LUBRICATION ENGINEERS INC	1 CS LUBRICANT & 1 CS MONOLEC EXTENDED EM GREASE	\$819.24	\$6,083.05
	10/13/2022	171	484700		3 DRUMS ENGINE OIL	\$5,263.81	
182125	10/13/2022	130	10943	MANAGEMENT PARTNERS INC	CONSULTING SERVICES	\$5,000.00	\$5,000.00
182063	10/6/2022	170	85367679	MCMASTER SUPPLY INC	ASTD PARTS & MATERIALS	\$991.47	\$4,646.64
	10/6/2022	170	85460929		ASTD PARTS & MATERIALS	\$156.66	
	10/6/2022		84759541		ASTD PARTS & MATERIALS	\$927.24	
	10/6/2022	170	85367607		ASTD PARTS & MATERIALS	\$731.22	
	10/6/2022		85371601		ASTD PARTS & MATERIALS	\$347.20	
	10/6/2022		85385175		ASTD PARTS & MATERIALS	\$262.27	
	10/6/2022	170	85458121		ASTD PARTS & MATERIALS	\$480.31	
	10/6/2022	170	84766988		ASTD PARTS & MATERIALS	\$152.53	
	10/6/2022		85556011		ASTD PARTS & MATERIALS	\$539.24	
	10/6/2022	170	85536681		ASTD PARTS & MATERIALS	\$58.50	

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182026	10/6/2022		18743531	AT&T	SERV: 08/10/22 - 09/09/22	\$1,009.24	\$4,337.34
	10/6/2022		18810311		SERV: 08/20/22 - 09/19/22	\$251.82	
	10/6/2022		18777935		SERV: 08/13/22 - 09/12/22	\$324.21	
	10/6/2022		18777937		SERV: 08/13/22 - 09/12/22	\$43.43	
	10/6/2022		18777939		SERV: 08/13/22 - 09/12/22	\$88.70	
	10/6/2022		18810289		SERV: 08/20/22 - 09/19/22	\$2,595.07	
	10/6/2022		18810287		SERV: 08/20/22 - 09/19/22	\$24.87	
182093	10/13/2022	173	1979913	ATKINS NORTH AMERICA INC	GIS SERVICES	\$3,753.00	\$3,753.00
182132	10/13/2022	141	2022092043	NBS	CHARGE DATA SERV APR - OCT - DEC 2022	\$3,609.20	\$3,609.20
182152	10/13/2022		13946	VON EUW TRUCKING	3/4" CL II AB	\$3,558.02	\$3,558.02
182138	10/13/2022	120	916005057791	REPUBLIC SERVICES #916	RECYCLE & ROLL OFF - OCT 2022	\$3,476.42	\$3,476.42
182154	10/13/2022	143	209320	WOODARD & CURRAN INC	IRVINGTON BASIN RCP REHABILITATION	\$3,461.25	\$3,461.25
182150	10/13/2022		9916317367	VERIZON WIRELESS	WIRELESS SERV 08/21/22-09/20/22	\$3,242.35	\$3,242.35
182030	10/6/2022	121	274622	BRENNTAG PACIFIC INC	3828 LBS SODIUM HYDROXIDE	\$3,209.37	\$3,209.37

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182127	10/13/2022	121	85851384	MCMASTER SUPPLY INC	ASTD PARTS & MATERIALS	\$645.35	\$3,131.09
	10/13/2022	122	85925403		ASTD PARTS & MATERIALS	\$337.32	
	10/13/2022	170	85137795		ASTD PARTS & MATERIALS	\$69.03	
	10/13/2022		86155286		ASTD PARTS & MATERIALS	\$187.15	
	10/13/2022	170	85837565		ASTD PARTS & MATERIALS	\$821.66	
	10/13/2022		86224915		ASTD PARTS & MATERIALS	\$190.00	
	10/13/2022		86161438		ASTD PARTS & MATERIALS	\$880.58	
182047	10/6/2022	114	2011800328	HAZEN AND SAWYER	CAMPUS BUILDINGS (ADMIN, FMC, OPS)	\$3,127.50	\$3,127.50
182034	10/6/2022	173	33327	CDW GOVERNMENT LLC	1 PROJECTOR	\$2,652.46	\$3,065.60
	10/6/2022	173	20443		2 CABLES	\$413.14	
182111	10/13/2022	170	96814593	H & E EQUIPMENT SERVICES INC	EQUIPMENT RENTAL 09/10/2022 - 10/04/2022	\$2,956.30	\$2,956.30
182095	10/13/2022	121	27118	BAYSCAPE LANDSCAPE MANAGEMENT	LANDSCAPE MAINTENANCE SERVICES - SEP 2022	\$2,925.00	\$2,925.00
182068	10/6/2022	170	103057	PRIME MECHANICAL SERVICE INC	MONTHLY MAINTENANCE - SEP 22	\$1,092.00	\$2,771.08
	10/6/2022	170	102994		MONTHLY MAINTENANCE - AUG 22	\$992.00	
	10/6/2022	121	102995		SERVICE CALL: BLDG 83	\$687.08	
182126	10/13/2022	113	2209737	MCCAMPBELL ANALYTICAL	LAB SAMPLE ANALYSIS	\$1,130.00	\$2,730.00
	10/13/2022	113	2209A05		LAB SAMPLE ANALYSIS	\$472.00	
	10/13/2022	113	2209833		LAB SAMPLE ANALYSIS	\$962.00	
	10/13/2022	113	2209A06		LAB SAMPLE ANALYSIS	\$166.00	

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182097	10/13/2022	113	700361	CALTEST ANALYTICAL LABORATORY	17 LAB SAMPLE ANALYSIS	\$678.30	\$2,713.20
	10/13/2022	113	700359		17 LAB SAMPLE ANALYSIS	\$678.30	
	10/13/2022	113	700472		17 LAB SAMPLE ANALYSIS	\$678.30	
	10/13/2022	113	700360		17 LAB SAMPLE ANALYSIS	\$678.30	
182023	10/6/2022		20220910	AMAZON.COM LLC	09/22 - ASTD OFFICE SUPPLIES	\$2,602.40	\$2,602.40
182061	10/6/2022	170	484321	LUBRICATION ENGINEERS INC	1 CS MONOLEC EXTEND EM GREASE	\$367.62	\$2,595.41
	10/6/2022	170	484322		1 DR EQUIPOWER ULTRA HYDRAULIC OIL	\$2,227.79	
182107	10/13/2022	171	115522	ENVIRONMENTAL LOGISTICS INC	HAZARDOUS WASTE DISPOSAL - PLANT, NPS, IPS	\$1,515.00	\$2,562.00
	10/13/2022	171	115523		HAZARDOUS WASTE DISPOSAL - PLANT, NPS, IPS	\$1,047.00	
182048	10/6/2022		33682	HP COMMUNICATIONS INC	REFUND # 50813	\$2,500.00	\$2,500.00
182057	10/6/2022		10451	LENNAR HOMES - BAY AREA	REFUND # 48676	\$2,500.00	\$2,500.00
182081	10/6/2022		30401	TRENCHFREE INC	REFUND # 50819	\$2,500.00	\$2,500.00
182062	10/6/2022	113	2209422	MCCAMPBELL ANALYTICAL	LAB SAMPLE ANALYSIS	\$808.00	\$2,323.00
	10/6/2022	113	2209066A		LAB SAMPLE ANALYSIS	\$75.00	
	10/6/2022	113	2209420		LAB SAMPLE ANALYSIS	\$1,440.00	
182142	10/13/2022		736393764801	STAPLES CONTRACT & COMMERCIAL	JANITORIAL & BREAKROOM SUPPLIES	\$1,689.22	\$2,157.65
	10/13/2022		736550695301		JANITORIAL & BREAKROOM SUPPLIES	\$112.94	
	10/13/2022		736550695302		JANITORIAL & BREAKROOM SUPPLIES	\$355.49	
182118	10/13/2022	113	3702738422	KELLY SERVICES INC	TEMP LABOR-JANES, O. WK ENDING 09/18/22	\$1,732.50	\$1,732.50

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182091	10/13/2022	130	16430347	APPLEONE EMPLOYMENT SVCS	TEMP LABOR-GONZALES, WK END 09/17/2022	\$1,721.60	\$1,721.60
182070	10/6/2022	111	8201125745	RED WING BUS ADVANTAGE ACCT	SAFETY SHOES: D. LORETO	\$225.00	\$1,684.36
	10/6/2022	121	8201125156		SAFETY SHOES: A. MARTINEZ	\$225.00	
	10/6/2022	123	8201125882		SAFETY SHOES: A. DIOSDADO	\$224.90	
	10/6/2022	144	8201125611		SAFETY SHOES: A. ROBLES	\$207.79	
	10/6/2022	123	8201125883		SAFETY SHOES: S. NOVAK	\$208.33	
	10/6/2022	110	1691113359		SAFETY SHOES: M. COSTELLO	\$160.01	
	10/6/2022	110	8201125868		SAFETY SHOES: M. LEE	\$225.00	
	10/6/2022	121	8201125731		SAFETY SHOES: J. POWELL	\$208.33	
182140	10/13/2022	141	60752486	ROBERT HALF INTERNATIONAL INC	TEMP LABOR-PRASAD, J. WK ENDING 09/16/2022	\$1,569.05	\$1,569.05
182051	10/6/2022		32627	J MORAGA CONSTRUCTION INC	REFUND # 50809	\$500.00	\$1,500.00
	10/6/2022		33672		REFUND # 50811	\$500.00	
	10/6/2022		33673		REFUND # 50810	\$500.00	
182075	10/6/2022		33750	ROOTER HERO	REFUND # 50820	\$500.00	\$1,500.00
	10/6/2022		32657		REFUND # 50818	\$500.00	
	10/6/2022		12733		REFUND # 50805	\$500.00	
182064	10/6/2022	171	2325606	MOBILE MODULAR MANAGEMENT CORP	FMC TRAILER RENTAL - OCT 2022	\$1,492.89	\$1,492.89
182024	10/6/2022	130	16422255	APPLEONE EMPLOYMENT SVCS	TEMP LABOR-GONZALES, WK END 09/10/22	\$1,409.43	\$1,409.43
182053	10/6/2022	113	3602448822	KELLY SERVICES INC	TEMP LABOR-JANES, O. WK ENDING 09/11/22	\$1,386.00	\$1,386.00

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182073	10/6/2022	141	60712518	ROBERT HALF INTERNATIONAL INC	TEMP LABOR-PRASAD, J. WK ENDING 09/09/2022	\$1,258.24	\$1,258.24
182139	10/13/2022	170	462964	RKI INSTRUMENTS INC	ASTD PARTS & MATERIALS	\$1,096.43	\$1,196.11
	10/13/2022	170	462963		ASTD PARTS & MATERIALS	\$99.68	
182149	10/13/2022	122	591271	VALLEY OIL COMPANY	97 GALS HYDRAULIC OIL	\$1,181.70	\$1,181.70
182044	10/6/2022		9425738136	GRAINGER INC	ASTD PARTS & MATERIALS	\$241.28	\$1,142.91
	10/6/2022		9424279546		ASTD PARTS & MATERIALS	\$188.01	
	10/6/2022		9427500872		ASTD PARTS & MATERIALS	\$170.09	
	10/6/2022	122	9427500880		ASTD PARTS & MATERIALS	\$543.53	
182133	10/13/2022		53389	NIXON-EGLI EQUIP OF S CAL	7 ROOT SAW BLADES	\$1,019.18	\$1,019.18
182119	10/13/2022	132	20221011	KATHLEEN KING	EXP REIMB: NEO GOV CONF HOTEL, TAXI & PER DIEM	\$979.79	\$979.79
182096	10/13/2022	130	17453710	BLAISDELL'S	ASTD OFFICE SUPPLIES	\$132.00	\$948.27
	10/13/2022	120	17445210		ASTD OFFICE SUPPLIES	\$72.09	
	10/13/2022	121	17440020		ASTD OFFICE SUPPLIES	\$119.28	
	10/13/2022	110	17440400		ASTD OFFICE SUPPLIES	\$26.20	
	10/13/2022	120	17449440		ASTD OFFICE SUPPLIES	\$305.02	
	10/13/2022	120	17440021		ASTD OFFICE SUPPLIES	\$62.01	
	10/13/2022	130	17441700		ASTD OFFICE SUPPLIES	\$231.67	
182102	10/13/2022	170	632404	CORE & MAIN LP	ASTD PARTS & MATERIALS	\$944.70	\$944.70
182094	10/13/2022	136	2522497703	BANK OF NEW YORK	AUG 2022 SERVICE FEES	\$902.33	\$902.33

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182117	10/13/2022	122	251362	JACK JAMES TOWING INC	TOW SERVICE: T3342 FREMONT TO SAN LEANDRO	\$900.00	\$900.00
182027	10/6/2022		4508203702	AT&T	SERV: 08/11/22 - 09/10/22	\$872.58	\$872.58
182077	10/6/2022		2108865002	SAN LEANDRO ELECTRIC SUPPLY	ASTD ELECTRICAL SUPPLIES	\$808.41	\$808.41
182025	10/6/2022		2591078620	ARAMARK	UNIFORM LAUNDERING SERVICE	\$396.52	\$795.23
	10/6/2022	122	2591078612		ASTD DUST MOPS, WET MOPS & TERRY	\$66.06	
	10/6/2022		2591078615		UNIFORM LAUNDERING & RUGS	\$332.65	
182131	10/13/2022		20220930	NAPA AUTO PARTS	MONTHLY AUTO PARTS STMT - SEPTEMBER 2022	\$739.79	\$739.79
182086	10/6/2022		9916317366	VERIZON WIRELESS	WIRELESS SERV 08/21/22-09/20/22	\$738.36	\$738.36
182079	10/6/2022		20559123	TELEDYNE ISCO INC	SAMPLING SUPPLIES	\$711.02	\$711.02
182112	10/13/2022	170	13245313	HACH COMPANY	1 TSS PROBE CALIBRATION	\$601.84	\$705.11
	10/13/2022		13255111		ASTD PARTS & MATERIALS	\$103.27	
182092	10/13/2022		2591081601	ARAMARK	UNIFORM LAUNDERING SERVICE	\$379.26	\$696.91
	10/13/2022		2591081586		UNIFORM LAUNDERING & RUGS	\$317.65	
182080	10/6/2022		38747	THE CONSTRUCTION ZONE LLC	7 TRAFFIC SIGNS	\$678.53	\$678.53
182101	10/13/2022	132	76716908	CONCENTRA MEDICAL CENTERS	2 NEW HIRE PHYSICALS	\$653.00	\$653.00
182090	10/13/2022	170	5425090001	ALAMEDA ELECTRICAL DISTR. INC.	ASTD ELECTRICAL SUPPLIES	\$650.24	\$650.24
182103	10/13/2022	143	3623404	DAILY JOURNAL CORPORATION	AD: PUMP STATIONS CHEMICAL SYSTEM IMPROVEMENTS	\$642.50	\$642.50
182035	10/6/2022	132	221014687	CLAREMONT BEHAVIORAL SERVICES	OCT 2022 EAP PREMIUMS	\$639.40	\$639.40
182113	10/13/2022	143	2011800611	HAZEN AND SAWYER	THERMAL DRYER FEASIBILITY STUDY	\$620.00	\$620.00

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182045	10/6/2022		3R9033	HARRINGTON INDUSTRIAL PLASTICS	ASTD PARTS & MATERIALS	\$39.73	\$563.90
	10/6/2022		3R9733		ASTD PARTS & MATERIALS	\$457.69	
	10/6/2022		3R9732		ASTD PVC PARTS & MATERIALS	\$66.48	
182039	10/6/2022	170	905529288	EVOQUA WATER TECHNOLOGIES	DI WATER SYSTEM	\$562.32	\$562.32
182153	10/13/2022	110	468	WASTEWATER TECHNOLOGY TRAINERS	GR III OP CERT REV-DIAZ	\$550.00	\$550.00
182109	10/13/2022	111	9433568590	GRAINGER INC	ASTD PARTS & MATERIALS	\$14.84	\$543.15
	10/13/2022		9438035934		ASTD PARTS & MATERIALS	\$528.31	
182016	10/6/2022		36870	A2Z BAY BUILDERS & PLUMBING	REFUND # 50796	\$500.00	\$500.00
182022	10/6/2022		31579	ALPINE CONSTRUCTION	REFUND # 50816	\$500.00	\$500.00
182028	10/6/2022		31616	AVALON ROOTER	REFUND # 50817	\$500.00	\$500.00
182037	10/6/2022		30489	ER PLUMBING & CONSTRUCTION	REFUND # 50815	\$500.00	\$500.00
182040	10/6/2022		35815	MAY FONG	REFUND # 50795	\$500.00	\$500.00
182043	10/6/2022		33744	GLADIATOR PLUMBING & REPIPE	REFUND # 50821	\$500.00	\$500.00
182058	10/6/2022		30566	LG ENGINEERING	REFUND # 50804	\$500.00	\$500.00
182065	10/6/2022		32650	ORTIZ PLUMBING DRAIN CLEANING	REFUND # 50814	\$500.00	\$500.00
182067	10/6/2022		33677	POWER PLUMBING & ROOTER	REFUND # 50812	\$500.00	\$500.00
182072	10/6/2022		29233	RIDGEWAY HOMEBUILDERS INC	REFUND # 50807	\$500.00	\$500.00
182085	10/6/2022		27111	ISAAK VAN KEMPEN	REFUND # 50808	\$500.00	\$500.00
182087	10/13/2022		33729	4C CROSSING, LLC	REFUND # 50838	\$500.00	\$500.00

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182100	10/13/2022		36881	CHALLENGE ROOTER	REFUND # 50833	\$500.00	\$500.00
182110	10/13/2022		33749	SACHIN GUPTA	REFUND # 50832	\$500.00	\$500.00
182115	10/13/2022		35843	INNOVATION CONSTRUCTION	REFUND # 50831	\$500.00	\$500.00
182122	10/13/2022		27103	AMBER LEVYA	REFUND # 50830	\$500.00	\$500.00
182129	10/13/2022		36886	MIKE COUNSIL PLUMBING	REFUND # 50826	\$500.00	\$500.00
182141	10/13/2022		36868	ROOTER HERO	REFUND # 50837	\$500.00	\$500.00
182146	10/13/2022		36858	UNIVERSAL PLUMBING & ROOTER	REFUND # 50824	\$500.00	\$500.00
182151	10/13/2022		28188	VILLA HOMES	REFUND # 50829	\$500.00	\$500.00
182019	10/6/2022	170	5275835	ALL INDUSTRIAL ELECTRIC SUPPLY	ASTD PARTS & MATERIALS	\$485.09	\$485.09
182130	10/13/2022		173899	MUNICIPAL MAINT EQUIPMENT INC	10 TYGER TAIL HOSE GUIDES	\$433.02	\$433.02
182108	10/13/2022	120	4089225605	GLACIER ICE COMPANY INC	200 7-LB BAGS OF ICE	\$417.97	\$417.97
182020	10/6/2022		2059907	ALLIANT INSURANCE SERVICES INC	PHYSICAL DAMAGE: 4TH QTR ENDORSEMENT	\$383.00	\$383.00
182098	10/13/2022	170	10035709	CARBOLINE COMPANY	PAINT & RELATED PAINT SUPPLIES	\$360.37	\$360.37
182078	10/6/2022	143	9351007950	SETON	CUSTOM PIPE LABELS	\$324.86	\$324.86
182055	10/6/2022	170	50578	KLEEN INDUSTRIAL SERVICES	DISPOSAL OF KLEEN BLAST	\$322.86	\$322.86
182155	10/13/2022		5480	ZELAYA DESIGNS	USD LOGO MISC ADJ AND ARTWORK	\$250.00	\$314.00
	10/13/2022		5481		MISC ARTWORK - PIE CHART/SPILLS	\$64.00	
182143	10/13/2022	111	20221011	SWRCB - STATE WATER RESOURCES	GRADE III OPERATOR EXAM APPLICATION - DIAZ	\$295.00	\$295.00
182116	10/13/2022	173	6066052	INTRADO LIFE & SAFETY INC	LABORATORY SUPPLIES	\$250.00	\$250.00

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182029	10/6/2022	110	17428620	BLAISDELL'S	ASTD OFFICE SUPPLIES	\$108.12	\$247.99
	10/6/2022	144	17436970		ASTD OFFICE SUPPLIES	\$139.87	
182049	10/6/2022	173	20996297	INFOR PUBLIC SECTOR, INC	HANSEN CONSULTING SERVICES	\$240.00	\$240.00
182128	10/13/2022	121	20221010	TYLER MELLO	EXP REIMB: CWEA GRADE 1 EXAM	\$185.00	\$185.00
182021	10/6/2022		46023	ALLIED FLUID PRODUCTS CORP	30 GASKETS	\$180.28	\$180.28
182144	10/13/2022	170	420922267	TERMINIX COMMERCIAL	PEST CONTROL	\$140.00	\$140.00
182147	10/13/2022	136	98XW53382	UPS - UNITED PARCEL SERVICE	SHIPPING CHARGES W/E 09/17/22	\$133.72	\$133.72
182071	10/6/2022		119780	REMOTE SATELLITE SYSTEMS INT'L	IRIDIUM SVC FEE OCT 2022	\$118.00	\$118.00
182076	10/6/2022	170	85340220220922	SAN FRANCISCO WATER DEPT	SERVICE 07/21/2022 - 09/21/22	\$111.21	\$111.21
182114	10/13/2022		604883047	HILLYARD/SAN FRANCISCO	ASTD JANITORIAL SUPPLIES	\$79.58	\$79.58
182104	10/13/2022	111	20221011	MANUEL DE AVILA DIAZ	EXP REIMB: SAFETY SHOES	\$76.83	\$76.83
182105	10/13/2022	173	581403	DLT SOLUTIONS, LLC	AWS CLOUD STORAGE - AUG 2022	\$76.48	\$76.48
182036	10/6/2022	132	75957204	CONCENTRA MEDICAL CENTERS	1 DOT PHYSICAL	\$67.00	\$67.00
182082	10/6/2022	141	435793	ULTRAEX LLC	COURIER SVCS: 1 BOARDMEMBER DELIVERY - 09/07/22	\$56.97	\$56.97
182074	10/6/2022	120	20221003	JESSICA RODRIGUEZ	EXP REIMB: CS SAFETY MEETING SNACKS	\$54.00	\$54.00
182089	10/13/2022	171	20221007	ALAMEDA COUNTY WATER DISTRICT	ANNUAL BACKFLOW TESTER APPROVAL - NOGEL & SEPULVEDA	\$50.00	\$50.00
182084	10/6/2022	136	98XW53372	UPS - UNITED PARCEL SERVICE	SHIPPING CHARGES W/E 09/10/22	\$40.30	\$40.30
182031	10/6/2022	132	20221003	BOBBY BRO TARLO	REIMB LIVESCAN PRE-EMPLOYMENT	\$30.00	\$30.00
182099	10/13/2022	122	329648	CENTERVILLE LOCKSMITH	4 KEYS	\$17.72	\$17.72

**UNION SANITARY DISTRICT
CHECK REGISTER
10/01/2022-10//2022**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
182050	10/6/2022	143	20221004	REBECCA INGALLS	EXP REIMB: SHIPPING SUPPLIES	\$16.62	\$16.62

Invoices:

Credit Memos :	1	-4,111.22
\$0 - \$1,000 :	146	56,705.29
\$1,000 - \$10,000 :	54	215,058.39
\$10,000 - \$100,000 :	15	495,334.77
Over \$100,000 :	6	1,723,750.19
Total:	222	2,486,737.42

Checks:

\$0 - \$1,000 :	72	32,353.41
\$1,000 - \$10,000 :	48	165,709.25
\$10,000 - \$100,000 :	14	375,605.70
Over \$100,000 :	6	1,913,069.06
Total:	140	2,486,737.42

EAST BAY TIMES

Crockett: Residents urged to protect themselves against hydrogen sulfide from treatment plant

As operator implements fixes, county provides filters for schools while air district assesses incident

By [GEORGE KELLY](#) | gkelly@bayareanewsgroup.com | Bay Area News Group

PUBLISHED: October 12, 2022 at 6:04 p.m. | UPDATED: October 13, 2022 at 9:54 a.m.

CROCKETT — County health officials continue to urge residents who live near a wastewater treatment plant to take precautions after tests early this week continued to show elevated levels of hydrogen sulfide nearby.

After an ongoing operational issue at the Crockett Wastewater Treatment Plant, 1801 Dowrelio Drive, led to complaints from residents about vile odors, the Bay Area Air Quality Management District carried out tests that found levels of the gas strong enough to affect the health of those exposed to it for long periods.

On Tuesday, a team with the department's hazardous materials division found a one-hour reading of .045 parts per million near Port and Ceres streets, just east of Interstate 80 near the plant, surpassing the district's own one-hour average reading Friday of .036 parts per million near the plant. The initial test led the county's health department to issue an advisory, followed by an update Wednesday.

Division staff made 40 indoor air filters available to nearby John Swett High and Carquinez Middle schools, where hazmat division staff's tests Tuesday found one-hour average readings of .0031 and .0015 parts per million, respectively.

Readings are expected to fluctuate based on closeness to the plant and weather conditions. However, residents who experience either persistent or serious conditions due to exposure to hydrogen sulfide — an odor often compared to rotten eggs or sewage — were urged to seek medical care or avoid the area entirely.

County health staff noted that the plant processes sewage from the community and the C&H Sugar refinery, which owns the property and operates the refinery through a contractor. In a statement Wednesday, a C&H Sugar vice president said that the contractor, Inframark, was going to complete cleaning more than 1,300 air diffusers in

one of the plant's three treatment reactors Wednesday morning, with the other reactors due to follow after.

New and larger motors will be added to upgrade blowers meant to help diffuser aeration, and additional input is due from a third-party expert, the company said. "Inframark expects the odor to cease within seven to 10 days as microorganisms have time to digest. Residents should notice odors dissipating sooner," according to the statement. The Crockett Improvement Association will hold a public meeting at 7 p.m. Thursday to discuss the plant's issues at Crockett Community Center, 850 Pomona Ave. Staff members with the air-quality district met to discuss the plant Wednesday evening, and a spokeswoman said the additional district monitoring Wednesday found "an exceedance of the 1-hour (hydrogen sulfide) standard near the fence line of the property."

The spokeswoman also said inspectors have been on site since the plant's issues began a few weeks ago, with staff continuing to monitor this week, and added that the district has so far issued "16 notices of violation for public nuisance. We are continuing to investigate so any potential fines will be determined once the investigation has concluded."



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

**OCTOBER 24, 2022
BOARD OF DIRECTORS MEETING
AGENDA ITEM #17**

TITLE: Board Expenses for ~~4th~~1st Quarter of Fiscal Year ~~2022~~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 1st quarter of Fiscal Year 2023.

DESK Item
Item 17
10/24/22

BOARD OF DIRECTORS

QUARTERLY TRAVEL AND TRAINING EXPENDITURE REPORT

1ST 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						
	TOTAL	1,958.68	0.00	0.00	0.00	5000.00	1,958.68	3041.32
HARRISON, JENNIFER								
	TOTAL	0.00	0.00	0.00	0.00	5000.00	0.00	5000.00
KITE, PAT								
	TOTAL	0.00	0.00	0.00	0.00	5000.00	0.00	5000.00
LATHI, ANJALI								
	TOTAL	0.00	0.00	0.00	0.00	5000.00	0.00	5000.00
GRAND TOTAL		1,958.68	0.00	0.00	0.00	25000.00	1,958.68	23041.32

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

DESK Item
Item 17
10/24/22