



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

**Monday, April 25, 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: 850 4987 3618 #

Participant ID: #

Click the Zoom link below to watch and listen:

<https://us02web.zoom.us/j/85049873618>

	1.	Call to Order.
	2.	Salute to the Flag. (This item has been suspended due to the COVID-19 pandemic.)
	3.	Roll Call.
Motion	4.	Approve Minutes of the Union Sanitary District Board Meeting of April 11, 2022.
Information	5.	March 2022 Monthly Operations Report <i>(to be reviewed by the Budget & Finance and Legal/Community Affairs Committees)</i> .
	6.	Written Communications.
	7.	Public Comment. Public Comment is limited to three minutes per individual, with a maximum of 30 minutes per subject. If the comment relates to an agenda item, the speaker should address the Board at the time the item is considered. Speaker cards will be available in the Boardroom and are requested to be completed prior to the start of the meeting.
Motion	8.	Award the Multi-Year Service Contract for Printing and Mailing of the District's Annual Newsletter <i>(to be reviewed by the Budget & Finance Committee)</i> .
Motion	9.	Authorize the General Manager to Execute an Agreement and Task Order No. 1 with Quincy Engineering, Inc. for the Irvington Basin Reinforced Concrete Pipe Rehabilitation Project and Force Main Corrosion Repairs Project – Phase 3 <i>(to be reviewed by the Engineering and Information Technology Committee)</i> .
Motion	10.	Consider a Resolution to Accept the Construction of the Calcium Thiosulfate Chemical Feed System Project from D. W. Nicholson Corporation <i>(to be reviewed by the Engineering and Information Technology Committee)</i> .
Motion	11.	Review and Approve Proposed Changes to Policy No. 3040, Boardmember Compensation <i>(to be reviewed by the Legal/Community Affairs Committee)</i> .
Motion	12.	Review and Approve Proposed Changes to Policy No. 3050, Boardmember Meetings Compensated <i>(to be reviewed by the Legal/Community Affairs Committee)</i> .
Motion	13.	Consider Adoption of a Resolution Authorizing the Use of Teleconference Meetings in Compliance with AB 361.
Information	14.	CAL-Card 3 rd Quarter Activity Report <i>(to be reviewed by the Budget & Finance Committee)</i> .
Information	15.	Information Technology Software and Hardware Agreement Summary <i>(to be reviewed by the Engineering and Information Technology Committee)</i> .
Information	16.	COVID-19 Update.
Information	17.	Check Register.

Information

18. Committee Meeting Reports. *(No Board action is taken at Committee meetings):*
 - a. Budget & Finance Committee – Wednesday, April 20, 2022, at 10:30 a.m.
 - Director Lathi and Director Toy
 - b. Engineering and Information Technology Committee – Friday, April 22, 2022, at 10:00 a.m.
 - Director Kite and Director Fernandez
 - c. Legal/Community Affairs Committee – Friday, April 22, 2022, at 11:00 a.m.
 - Director Lathi and Director Handley
 - d. Personnel Committee – will not meet.
 - e. Legislative Committee – will not meet.

Information

-
19. General Manager's Report. *(Information on recent issues of interest to the Board).*
-
20. Other Business:
 - a. Comments and questions. *Directors can share information relating to District business and are welcome to request information from staff.*
 - b. Scheduling matters for future consideration.
-
21. Adjournment – The Board will adjourn to a Board Workshop to be held virtually on Thursday, April 28, 2022, at 4:00 p.m.
-
22. Adjournment – The Board will then adjourn to the next Regular Board Meeting to be held virtually on Monday, May 9, 2022, at 4:00 p.m.
-
23. Adjournment – The Board will then adjourn to the Board Budget Workshop to be held virtually on Tuesday, May 10, 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.



BUDGET & FINANCE COMMITTEE MEETING
Committee Members: Director Lathi and Director Toy

Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

AGENDA
Wednesday, April 20, 2022
10:30 A.M.

Alvarado Conference Room
5072 Benson Road
Union City, CA 94587

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

Karen W. Murphy
Attorney

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 April 25, 2022:

- March 2022 Monthly Operations Report – Financial Reports
- Award the Multi-Year Service Contract for Printing and Mailing of the District's Annual Newsletter
- CAL-Card 3rd Quarter Activity Report

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.



ENGINEERING AND INFORMATION TECHNOLOGY COMMITTEE MEETING

Committee Members: Director Kite and Director Fernandez

Directors

Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

AGENDA

Friday, April 22, 2022

10:00 A.M.

Alvarado Conference Room

5072 Benson Road

Union City, CA 94587

Officers

Paul R. Eldredge
*General Manager/
District Engineer*

Karen W. Murphy
Attorney

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 April 25, 2022:

- Authorize the General Manager to Execute an Agreement and Task Order No. 1 with Quincy Engineering, Inc. for the Irvington Basin Reinforced Concrete Pipe Rehabilitation Project and Force Main Corrosion Repairs Project – Phase 3
 - Consider a Resolution to Accept the Construction of the Calcium Thiosulfate Chemical Feed System Project from D. W. Nicholson Corporation
 - Information Technology Software and Hardware Agreement Summary
-

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.



**LEGAL/COMMUNITY AFFAIRS
COMMITTEE MEETING**

Committee Members: Director Handley and Director Lathi

Directors

Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

AGENDA

Friday, April 22, 2022

11:00 A.M.

Alvarado Conference Room

5072 Benson Road

Union City, CA 94587

Officers

Paul R. Eldredge
*General Manager/
District Engineer*

Karen W. Murphy
Attorney

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 April 25, 2022:

- March 2022 Monthly Operations Report – Odor and Work Group Reports
 - Review and Approve Proposed Changes to Policy No. 3040, Boardmember Compensation Limits
 - Review and Approve Proposed Changes to Policy No. 3050, Boardmember Meetings Compensated
-

5. Adjournment

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

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

**MINUTES OF THE MEETING OF THE
BOARD OF DIRECTORS OF
UNION SANITARY DISTRICT/UNION SANITARY DISTRICT FINANCING
AUTHORITY
April 11, 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 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 Kite 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: Pat Kite, President
Anjali Lathi, Vice President
Manny Fernandez, Secretary
Jennifer Toy, Director
Tom Handley, Director

STAFF: Paul Eldredge, General Manager/District Engineer
Karen Murphy, District Counsel
Mark Carlson, Business Services Manager/CFO
Armando Lopez, Treatment and Disposal Services Manager
Jose Rodrigues, Collection Services Manager
Raymond Chau, Technical Services Manager
Gene Boucher, Human Resources Manager
Ric Pipkin, Enhanced Treatment and Site Upgrade Program Manager
Chris Pachmayer, Fabrication, Maintenance, and Construction Coach
Michael Dunning, Environmental Compliance Team Coach
Michelle Powell, Communications and Intergovernmental Relations Coordinator
Sharon Anderson, Administrative Specialist
May Bautista, Administrative Specialist
Regina McEvoy, Executive Assistant to the General Manager/Board Clerk

APPROVE MINUTES OF THE UNION SANITARY DISTRICT BOARD MEETING OF MARCH 28, 2022

It was moved by Secretary Fernandez, seconded by Director Toy, to Approve the Minutes of the Board Meeting of March 28, 2022. Motion carried with the following vote:

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

APPROVE MINUTES OF THE UNION SANITARY DISTRICT SPECIAL BOARD MEETING OF MARCH 31, 2022

It was moved by Vice President Lathi, seconded by Director Handley, to Approve the Minutes of the Special Board Meeting of March 31, 2022. Motion carried with the following vote:

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

WRITTEN COMMUNICATIONS

There were no written communications.

PUBLIC COMMENT

There was no public comment.

BOARDMEMBER COMPENSATION FOR FISCAL YEAR 2023

This item was reviewed by the Budget & Finance Committee. General Manager Eldredge stated the Board annually reviews their compensation and receives a recommendation from the Budget & Finance Committee regarding compensation for the upcoming fiscal year. Staff recommended the Board consider the Budget & Finance Committee recommendation for this item.

The Budget & Finance Committee recommended no changes be made to Boardmember compensation for Fiscal Year 2023.

The Board directed staff to schedule a Board workshop to review survey comparison agencies.

It was moved by Vice President Lathi, seconded by Director Toy, to Make no Changes to Boardmember Compensation for Fiscal Year 2023. Motion carried with the following vote:

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

APPROVE COACH, RESEARCH & SUPPORT/PRINCIPAL ENGINEER JOB DESCRIPTION AND SALARY RANGE

This item was reviewed by the Personnel Committee. Human Resources Manager Boucher stated the Bay Area Air Quality Management District (BAAQMD) requires a new permit whenever the District plans to construct or make alternations to potential sources of air contaminants. BAAQMD considers aeration basins and nearly every other facility within the treatment plant as potential sources. The District's most recent permit for the ETSU Phase 1A Aeration Basin Modifications Project requires various new and more stringent operating conditions. Staff anticipates long term management of the air permit to operate the plant will require the equivalent of 0.50 to 0.75 employees to facilitate and manage the new requirements. Staff recommends the new responsibilities be added to the existing Research and Support Team Coach position. Staff recommended the Board review and consider the revised job description and salary range for the Research & Support/Principal Engineer.

It was moved by Director Toy, seconded by Secretary Fernandez, to Approve the Revised Job Description and Salary Range for the Research and Support Coach/Principal Engineer. Motion carried with the following vote:

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

CONSIDER A RESOLUTION FOR THE EXECUTION AND DELIVERY OF AN INSTALLMENT SALE AGREEMENT BETWEEN THE DISTRICT AND THE STATE WATER RESOURCES CONTROL BOARD RELATING TO THE STANDBY POWER GENERATION SYSTEM UPGRADE PROJECT AND APPROVING OTHER MATTERS IN CONNECTION THEREWITH

This item was reviewed by the Engineering and Information Technology Committee. Technical Services Manager Chau stated execution of an Installment Sale Agreement (ISA) with the State Water Resources Control Board (SWRCB) will provide the District with State Revolving Fund (SRF) funding up to \$33,435,000 for the Standby Power Generation System Upgrade Project. A summary of Project costs was included in the Board meeting packet; disbursement requests will be submitted to the SWRCB monthly. Staff recommended the Board consider a resolution for the execution and delivery of an Installment Sale Agreement between the District and the State Water Resources Control Board relating to the Standby Power Generation System Upgrade Project in the amount of \$33,435,000 and approving other matters in connection therewith.

It was moved by Director Handley, seconded by Vice President Lathi, to Adopt Resolution No. 2961 Authorizing Execution and Delivery of an Installment Sale Agreement Between the Union Sanitary District and the State Water Resources Control Board Relating to the Standby Power Generation System Upgrade Project and Approving Other Matters in Connection Therewith. Motion carried with the following vote:

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

AWARD THE CONSTRUCTION CONTRACT FOR THE FORCE MAIN CORROSION REPAIRS PROJECT – PHASE 3 TO POWER ENGINEERING CONSTRUCTION CO.

This item was reviewed by the Engineering and Information Technology Committee. Technical Services Manager Chau stated the Force Main Corrosion Repairs Project received five bids, a summary of the bids was included in the Board meeting packet. The contractor will have 160 calendar days to complete project construction, staff anticipates estimated substantial completed in October 2022. Staff recommended the Board award the construction contract for the Force Main Corrosion Repairs Project – Phase 3 to Power Engineering Construction Co. in the amount of \$1,063,672.

It was moved by Director Handley, seconded by Director Toy, to Award the Construction Contract for the Force Main Corrosion Repairs Project – Phase 3 to Power Engineering Construction Co. in the Amount of \$1,063,672. Motion carried with the following vote:

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

CONSIDER ADOPTION OF A RESOLUTION AUTHORIZING THE USE OF TELECONFERENCE MEETINGS IN COMPLIANCE WITH AB 361

District Counsel Murphy stated 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 recommended the Board adopt a resolution authorizing the use of teleconference meetings in compliance with AB 361.

It was moved by Director Toy, seconded by Director Handley, to Adopt Resolution No. 2962 Authorizing the Use of Teleconference Meetings in Compliance with AB 361. Motion carried with the following vote:

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

FALL 2022 NEWSLETTER

This item was reviewed by the Legal/Community Affairs Committee. Communications and Intergovernmental Relations Coordinator Powell presented potential newsletter topics for the Board's consideration. Staff recommended the Board provide direction regarding topics to be included in the Fall 2022 newsletter.

The Board provided feedback regarding topics to be included in the Fall 2022 newsletter.

INFORMATION ITEMS:

Earth Day 2022

Environmental Compliance Coach Dunning stated the District's Environmental Compliance team will participate in the Earth Day event hosted by the City of Fremont and Washington Hospital on Saturday, April 23, 2022. Environmental Compliance staff will share information with the public related to pollution prevention as well as proper disposal of mercury containing devices and unused medications.

Report on the East Bay Dischargers Authority Meeting of March 17, 2022

Director Toy provided an overview of the EBDA meeting summary included in the Board packet.

COVID-19 Update

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

Check Register

There were no questions regarding the check register.

COMMITTEE MEETING REPORTS:

The Budget & Finance, Legal/Community Affairs, Personnel, and Engineering and Information Technology Committees met.

GENERAL MANAGER'S REPORT:

- General Manager Eldredge will present a District overview at the virtual Fremont City Council meeting on Tuesday, April 12, 2022.
- General Manager Eldredge will be out of the office April 14, 15, and 18, 2022.

- Staff will reach out to the Board to schedule a Board Workshop to be held at the end of April 2022.

OTHER BUSINESS:

There was no other business.

ADJOURNMENT:

The meeting was adjourned at 4:35 p.m. to the next Regular Board Meeting to be held virtually on Monday, April 25, 2022, at 4:00 p.m.

SUBMITTED:

ATTEST:

REGINA McEVOY
BOARD CLERK

MANNY FERNANDEZ
SECRETARY

APPROVED:

PAT KITE
PRESIDENT

Adopted this 25th day of April 2022



Union Sanitary District

Monthly Operations Report
March 2022



Table of Contents

2022 MONTHLY OPERATIONS REPORT

The March 2022 Monthly Operations Reports highlights the District's performance in the following areas:

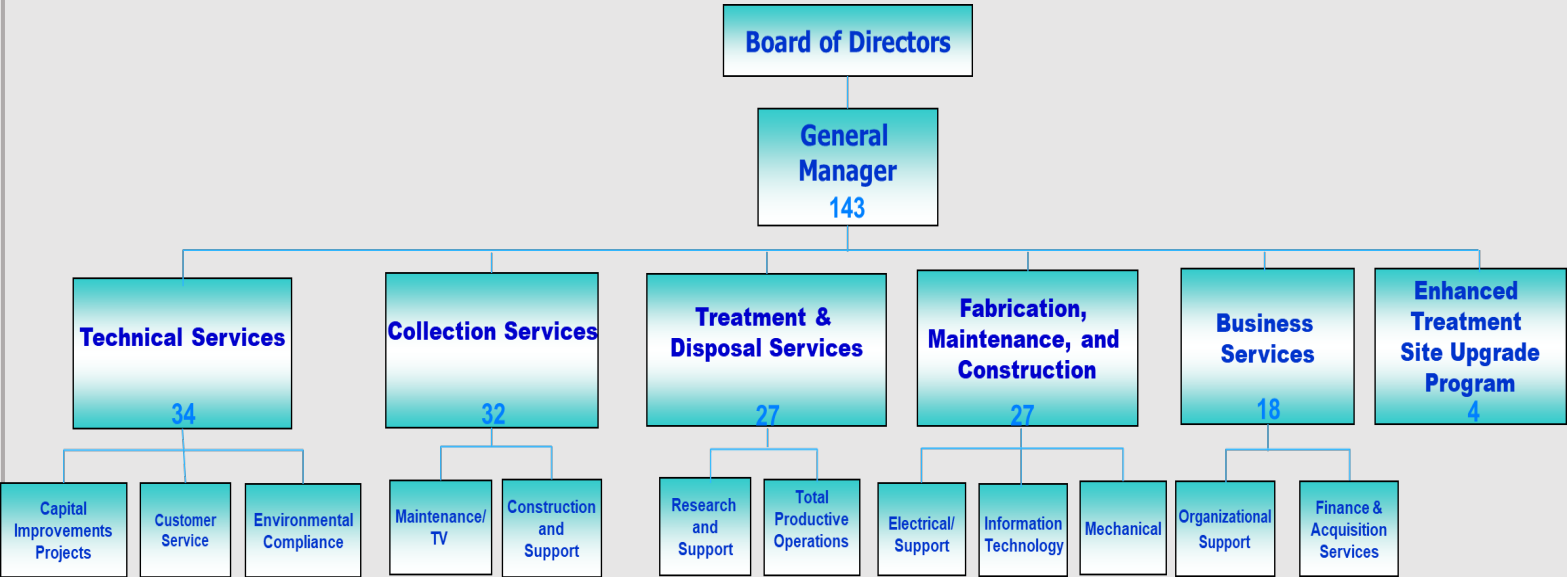
- **Organizational Overview**
- **Financial Reports**
 - Budget and Finance Report
 - Investment Portfolio
 - Portfolio Holdings by Asset Class and by Maturity Range
- **Customer Relations**
 - Odor Investigations and Response
 - Service Request and Response
 - Communication and Outreach
- **Plant Operations**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



Organizational Overview

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

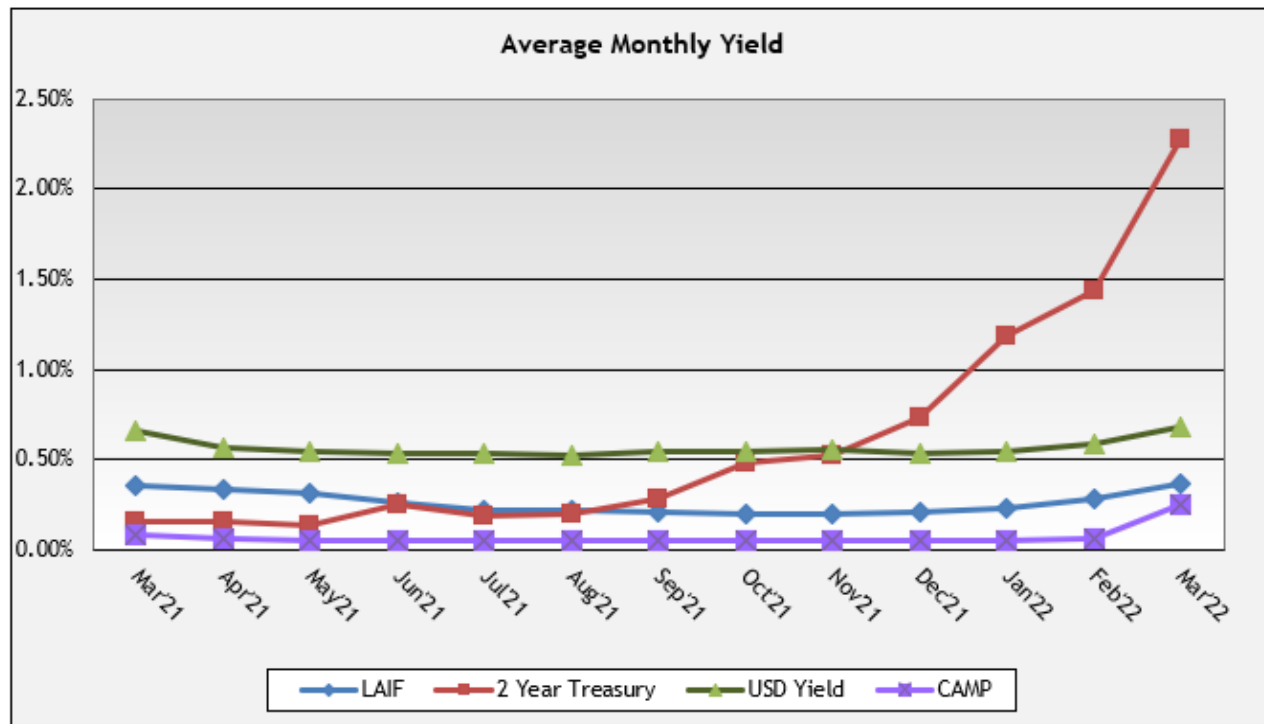
2022 MONTHLY OPERATIONS REPORT

Total Revenues and Expenditures

FY 2022	Year-to-date as of 03/31/22		75% of year elapsed	Audited Last Year Actuals 6/30/21
Revenues				
	Budget	Actual	% of Budget Rec'd	
Capacity Fees	\$ 4,949,820	\$ 4,180,459	84%	\$ 9,358,209
Sewer Service Charges	74,716,000	37,343,810	50%	62,142,806
Operating (Includes work groups and fund 85)	1,260,900	863,144	68%	1,315,019
Interest	1,085,000	714,689	66%	1,438,294
Misc. (Annex fees, forfeited deposits, Heliovaas)	50,000	1,595,093	3190%	17,720
Subtotal Revenues	\$ 82,061,720	\$ 44,697,194	54%	\$ 74,272,049
Bond Proceeds	110,000,000	110,626,705	100.6%	-
Total Revenues + Bond Proceeds	\$ 192,061,720	\$ 155,323,898	81%	\$ 74,272,049
Expenses				Last Year Actuals
	Budget	Actual	% of Budget Used	
Capital Improvement Program:				
Capacity Proj.	\$ 14,949,000	\$ 7,917,607	53%	\$ 21,520,168
Renewal & Repl. Proj.	28,240,200	8,860,536	31%	11,598,759
Operating (includes fund 85)	46,905,403	32,877,840	70%	45,515,755
Special Projects	3,960,104	422,606	11%	714,462
Retiree Medical (ADC)	1,421,401	1,294,138	91%	133,279
115 Pension Trust	3,000,000	3,000,000	100%	-
Vehicle & Equipment	125,000	-	0%	144,181
Information Systems	940,000	237,415	25%	502,358
Plant & Pump Stat. R&R	400,000	224,697	56%	162,400
Emerg. Fund	-	-	0%	
Cty Fee for SSC Admin.	115,000	55,863	49%	111,142
Debt Servicing:				
SRF Loans	-	7,712	0%	-
Bonds	12,019,092	7,120,147	59%	4,287,915
WIFIA	-	362,228	0%	100,000
Total Expenses	\$ 112,075,200	\$ 62,380,789	56%	\$ 84,790,419
Total Revenue & Proceeds less Expenses	\$ 79,986,520	\$ 92,943,109		(10,518,370)

Investment Portfolio

Performance Measures for the USD Investment Portfolio



	Nov'21	Dec'21	Jan'22	Feb'22	Mar'22
LAIF	0.20%	0.21%	0.23%	0.28%	0.37%
2 Year Treasury	0.52%	0.73%	1.18%	1.44%	2.28%
USD Yield	0.55%	0.54%	0.54%	0.59%	0.68%
CAMP	0.05%	0.05%	0.05%	0.06%	0.25%

LAIF: Local Agency Investment Fund Yield

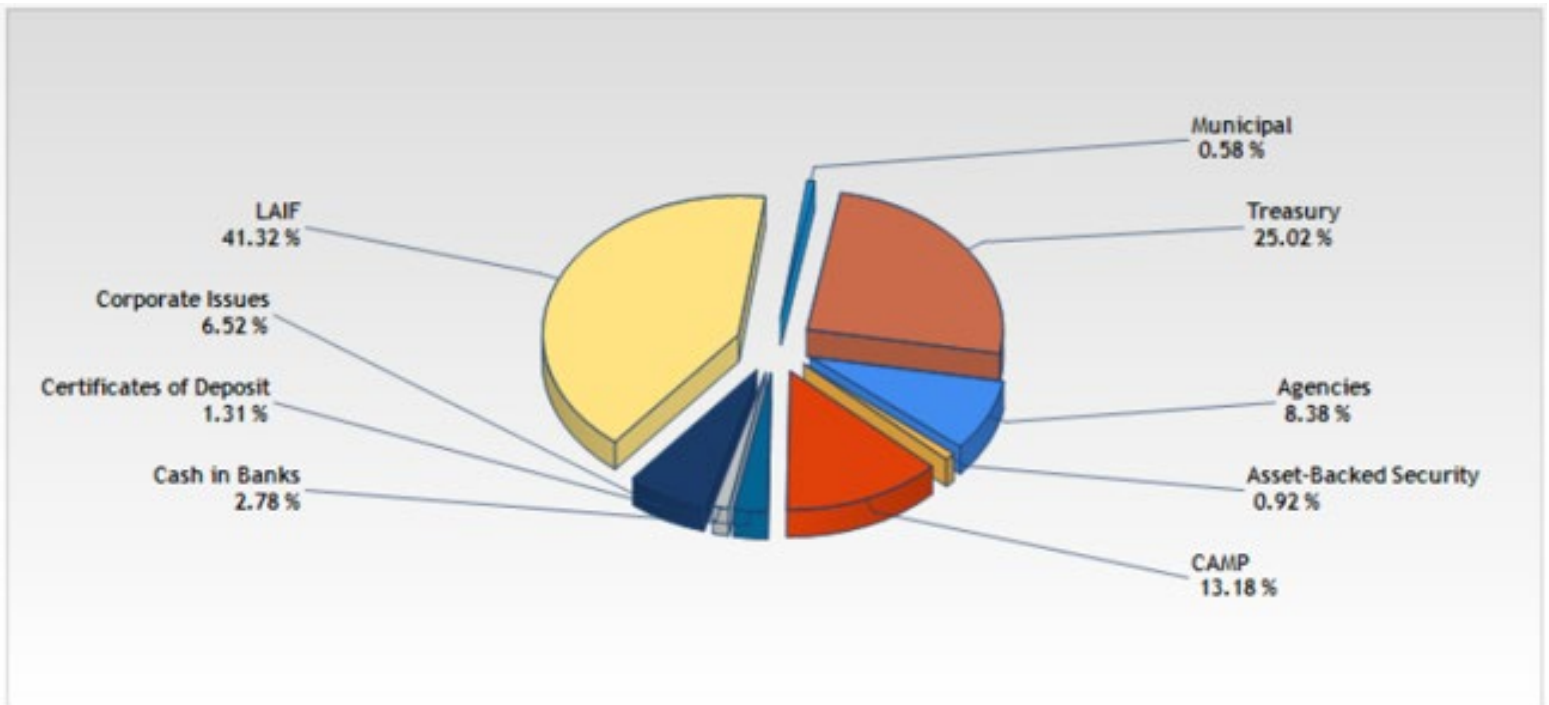
2 Year Treasury: Yield for investing in 2-Year U.S. Treasury security

USD Yield: Summarizes USD portfolio's yield

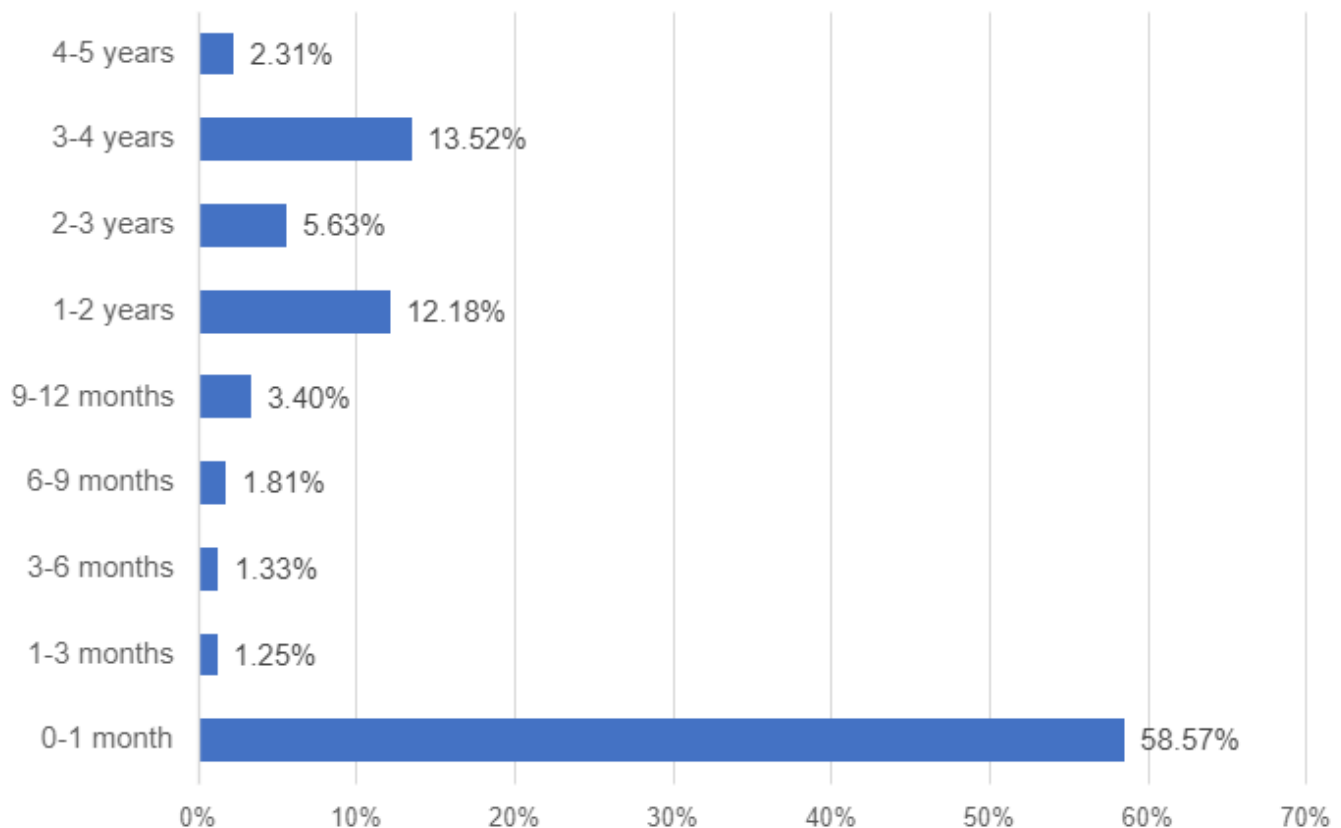
CAMP: California Asset Management Program Yield

Portfolio Holdings by Asset Class and by Maturity Range

Portfolio Holdings Distribution by Asset Class



Portfolio Holdings Distribution by Maturity Range



Union Sanitary District Odor Map and Report

During the recording period between March 1, 2022 through March 31, 2022, there were no odor related service request(s) received by the District.

Union Sanitary District Odor Map and Report

Union Sanitary
District-
Alvarado
Treatment Plant



Legend

Odor Complaints: March 2022

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

Odor Complaints: Apr. 2021 to Feb. 2022

- ★ Odor found, USD resolved (2)
- Odor found, not related to USD (4)
- ▲ No odor found (13)

Location of Odor Reports April 2021 to March 2022

0 0.5 1 2 3 4 5 Miles





Customer Relations

2022 MONTHLY OPERATIONS REPORT

Customer Service Response

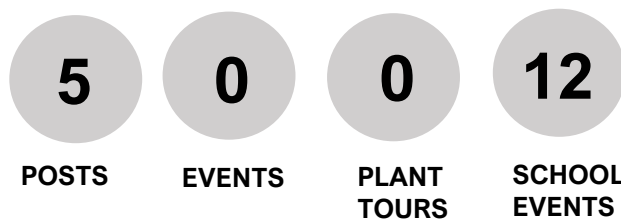
Front Desk Trouble Calls

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
Mar-22	10	1	1	12
Feb-22	9	7	3	19
Jan-22	8	5	3	16
Dec-21	11	2	2	15
Nov-21	8	4	5	17
Oct-21	6	1	4	11
6 Month Total				90
Mar-21	5	2	0	7

Communication and Outreach

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



Social Media Posts:

- Notice Inviting Bids – ETSU Campus Building
- Wipes Clog Pipes
- Bruce Wolfe Memorial Scholarship
- ETSU Program Description and link to web page
- Collection Services Planner Scheduler recruitment

Events:

- 8 classes Warm Springs Elementary
- 4 classes Ardenwood Elementary

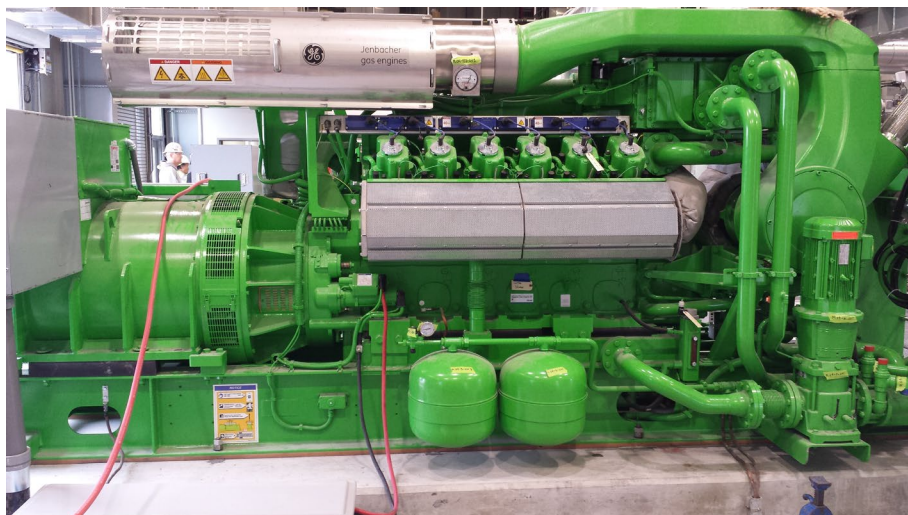
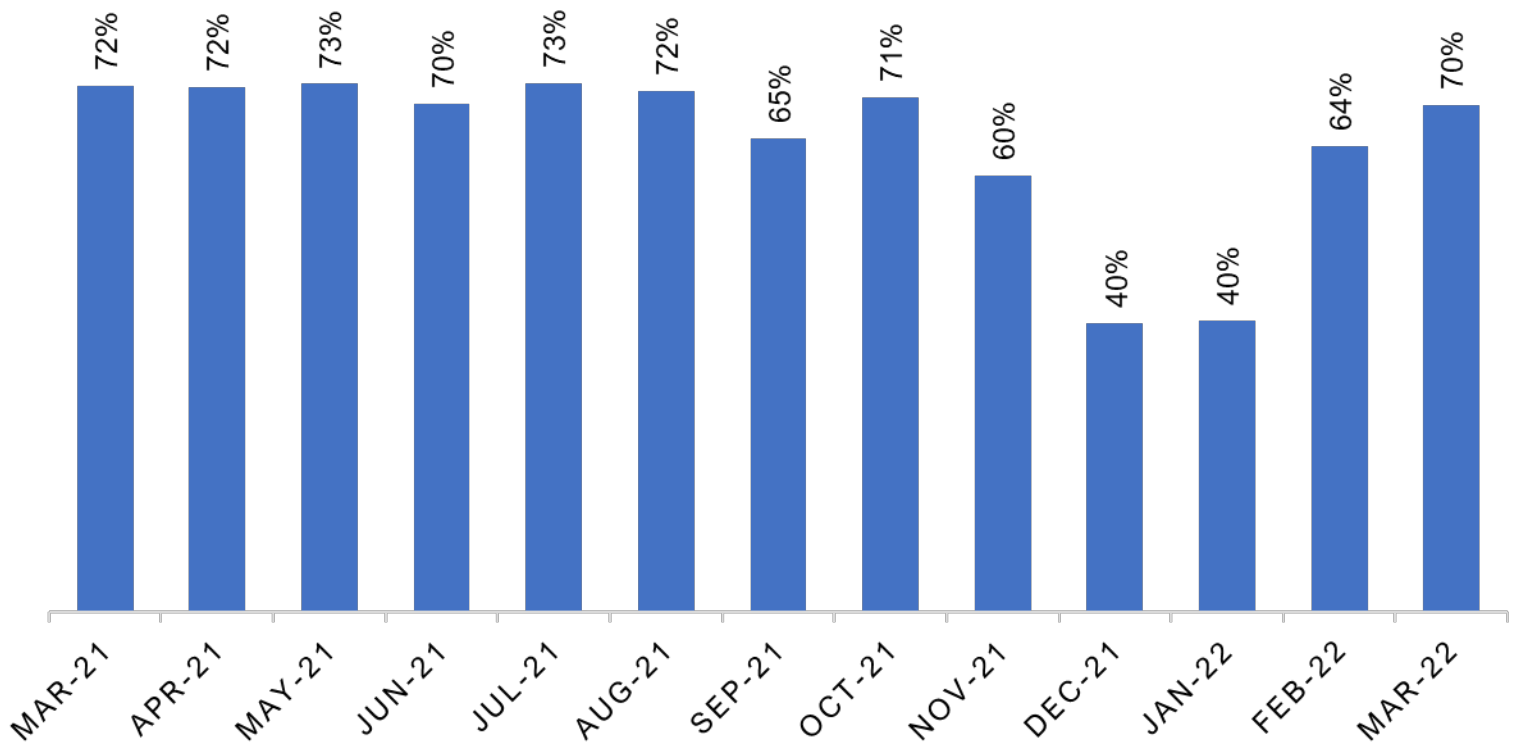
Other Activities:

- Website Update – How Sewer Service Charges are calculated

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.

Cogen Power Produced (% of total Plant load)



Side view of one cogeneration engine



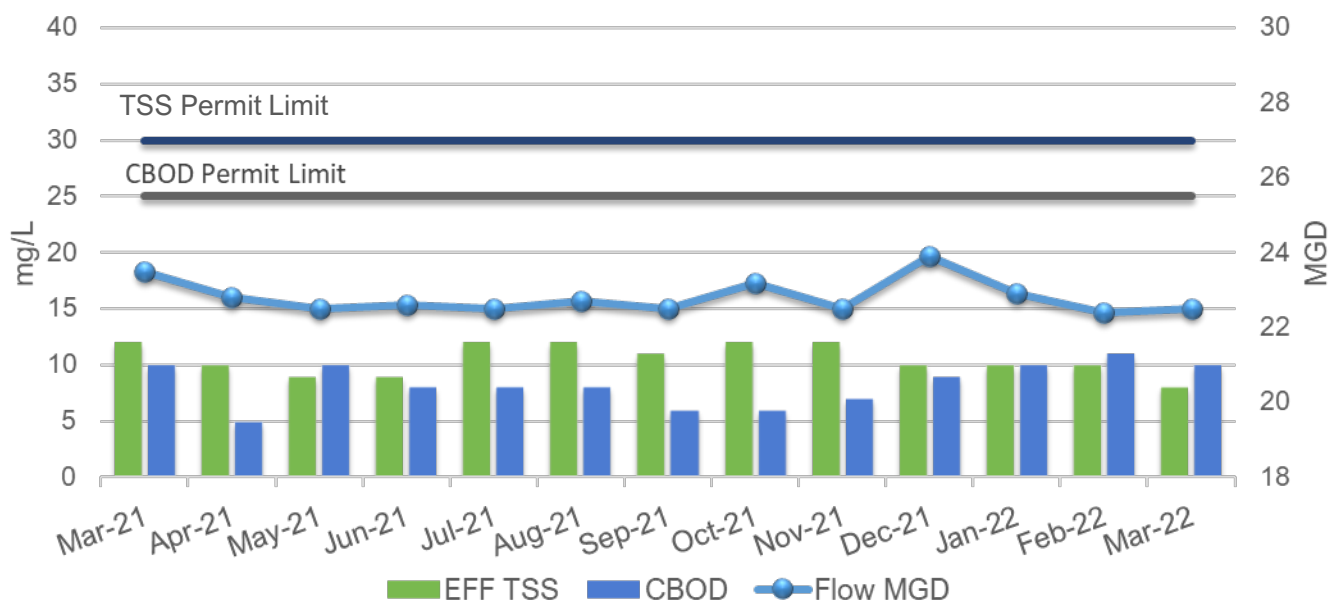
Plant Operations

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	Jan-22	Feb-22	Mar-22
Copper, µg/l	78	6.1	6.0	5.5
Mercury, µg/l	0.066	N/A	0.0031	N/A
Cyanide, µg/l	42	E 1.6	E 1.0	ND 0.9
Ammonia- N, mg/L (Range)	130	43 - 46.4	41.2 - 45.0	42.9 - 56.1
Fecal Coliform, MPN/100ml (Range)				
• 5-Day Geometric Mean	500	36 - 46	34 - 45	26 - 40
• 11-Sample 90th Percentile	1100	60 - 69	54 - 60	60 - 75
Enterococci				
• Monthly Geometric Mean	240	19.9	20.3	29.8

E = Estimated value, concentration outside calibration range. For SIP, E = DNQ, estimated concentration.



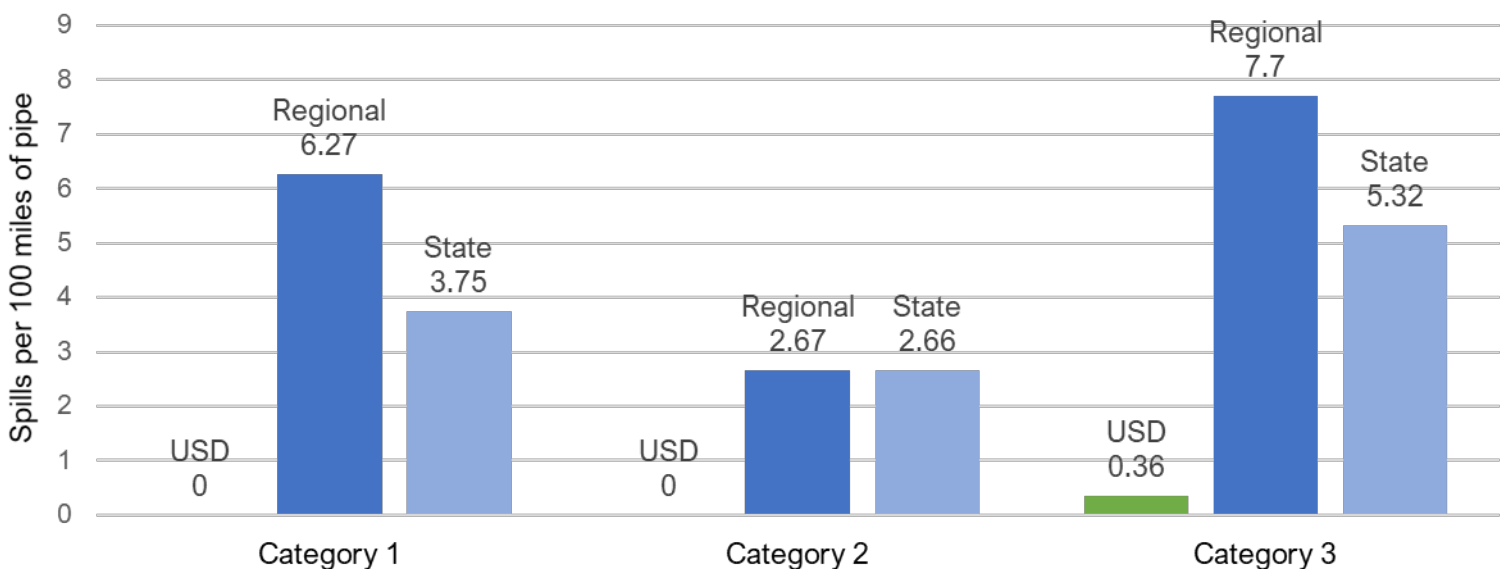
Maintenance Report

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.

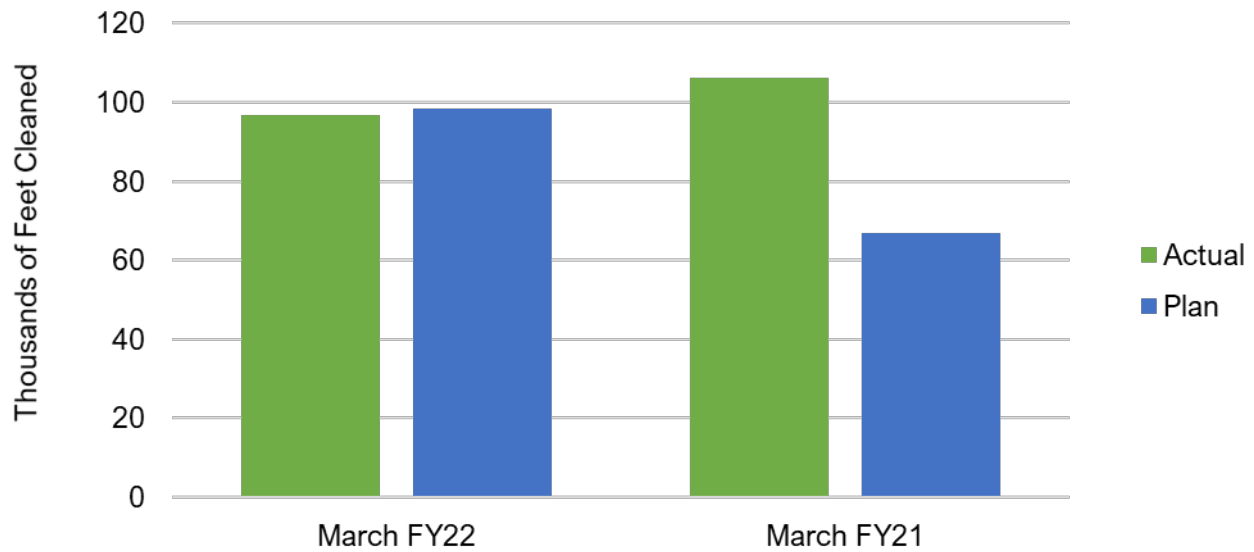
	This Month	Fiscal Year to Date	Historical Monthly Average
Sewer Line Repairs- # of Open Trench	1	8	2
Sewer Line Repairs- # of Trenchless	20	166	14
Work Orders Completed on Vehicles and Buildings	206	1739	171



Maintenance Report

2022 MONTHLY OPERATIONS REPORT

Sewer Line Cleaning



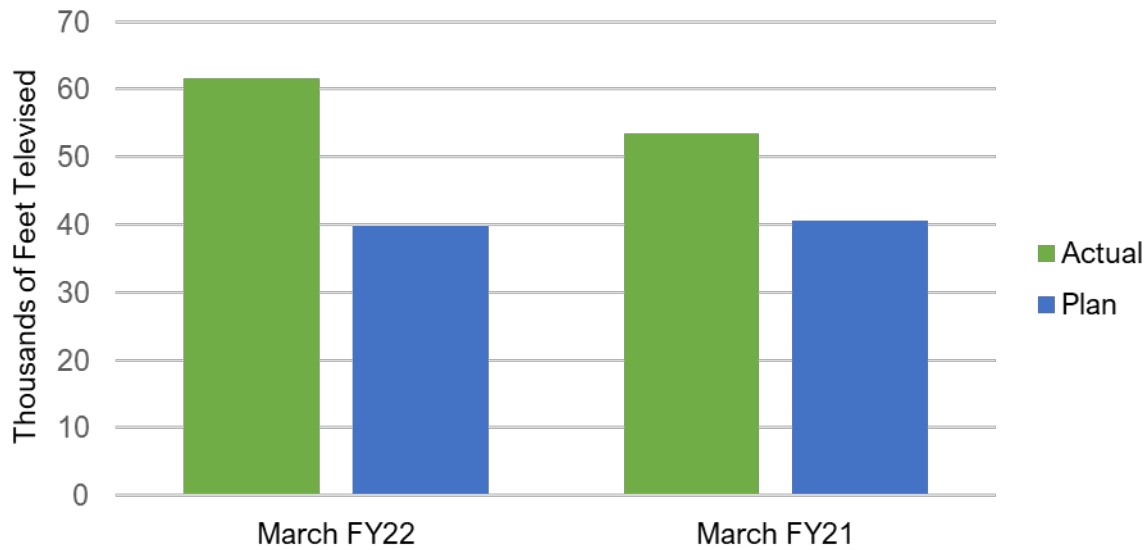
Cleaning Cost per Foot=\$1.00									
Description	FY22 Qtr 2 Footage	Jan-22 Footage	Feb-22 Footage	Mar-22 Footage	FY22 Qtr 3 Footage	FY22 Footage	Historical FY21 Footage	FY22 Goal	% Completed to Plan
84 Month Hydro-Jet Clean	145,468	51,338	74,875	65,061	191,274	450,864	537,616	634,499	71.1%
Selective Line Cleaning	49,758	18,636	17,542	9,171	45,349	155,506	200,764	193,168	80.5%
Special Condition Clean (not in total)	3,108	7,052	2,381	5,118	14,551	23,275	23,622	24,124	96.5%
Root Control/Chemical Clean	58,217	25,288	28,013	22,530	75,831	263,441	338,555	354,820	74.2%
Totals	253,443	95,262	120,430	96,762	312,454	869,811	1,081,602	1,182,487	73.6%



Maintenance Report

2022 MONTHLY OPERATIONS REPORT

Sewer Line Inspection and Televising



Televising Cost per Footage=\$1.47									
Description	FY22 Qtr 2 Footage	Jan-22 Footage	Feb-22 Footage	Mar-22 Footage	FY22 Qtr 3 Footage	FY22 Footage/Count	Historical FY21 Footage/Count	FY22 Goal	% Completed to Plan
84 Month TV Inspection	96,938	20,229	41,712	61,646	123,587	339,821	481,639	423,311	80.3%
84 Month Manhole Inspection Count	608	381	353	326	1,060	2,110	1,163	2,351	89.7%
Visual/Condition, Pre/Post Cnst TV (not in total)	3,515	-	-	-	-	3,697	1,793	17,347	21.3%
Visual Manhole Inspection Count (not in total)	163	-	48	9	57	358	329	-	-
New Development, CIP, Misc (not in total)	3,863	6,710	684	-	7,394	16,498	33,140	39,736	41.5%
QA/QC Line Condition	18,196	898	-	-	898	19,094	19,201	19,317	98.8%
QA/QC Root Control	8,268	-	-	-	-	35,577	22,270	35,482	100.3%
Totals	123,402	21,127	41,712	61,981	124,820	394,492	523,110	478,110	82.5%

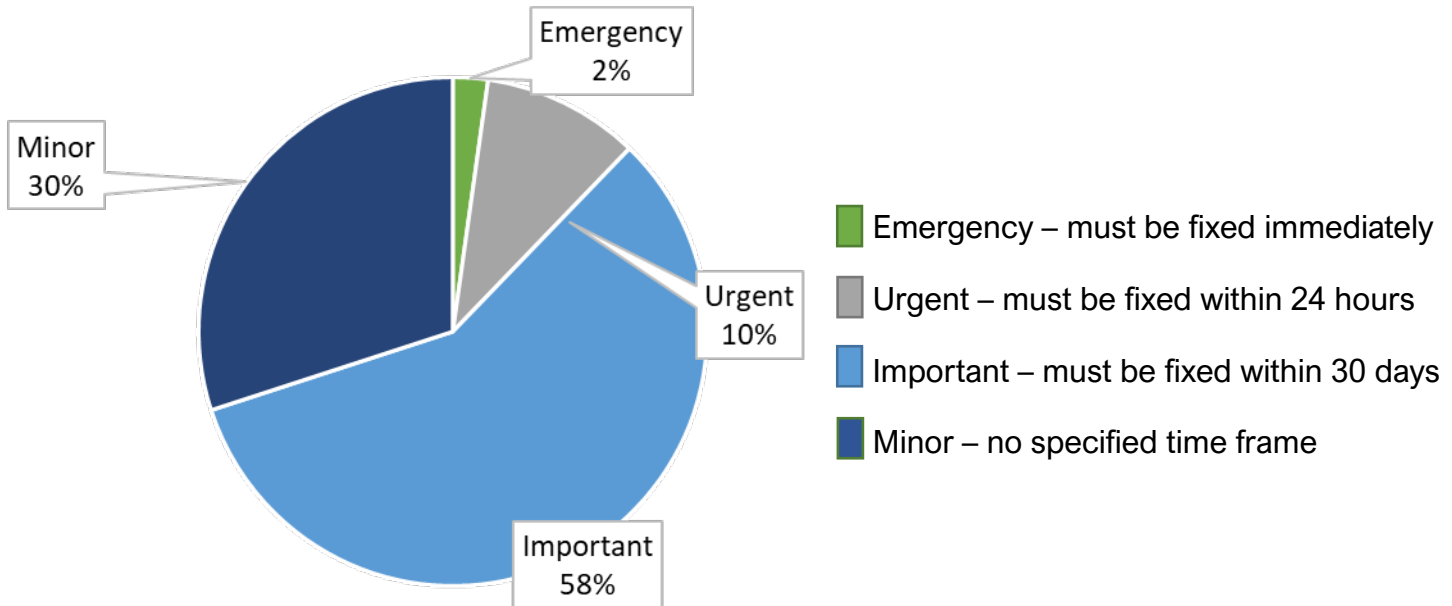


Maintenance Report

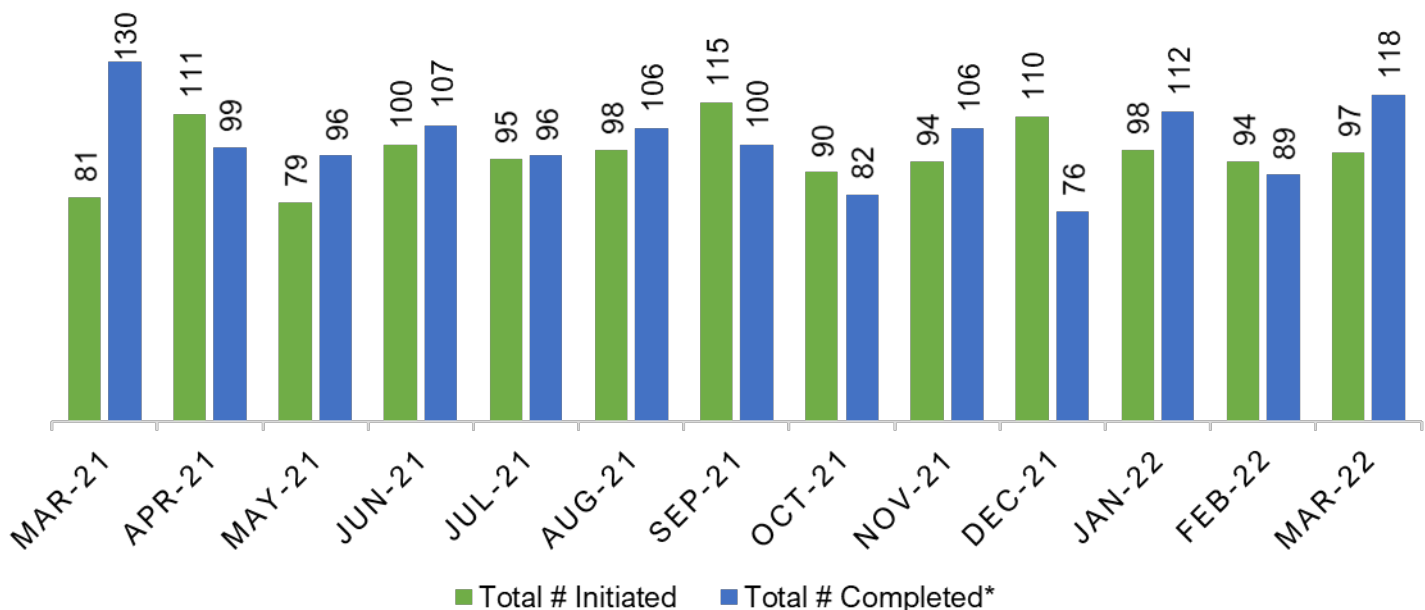
2022 MONTHLY OPERATIONS REPORT

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 99.28% of preventative maintenance activities for the month in addition to the following shown below.



Work Orders Initiated and Completed



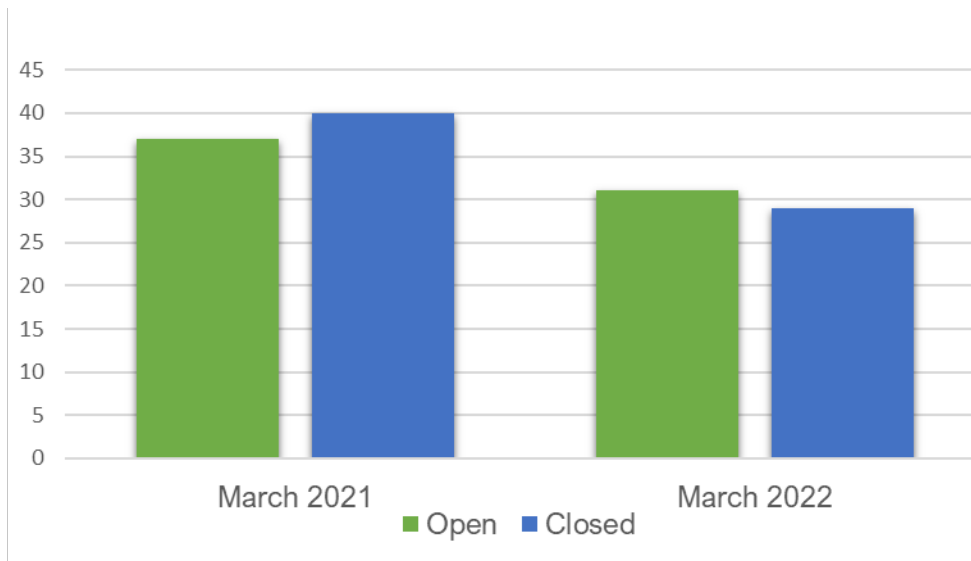
*The number of work orders completed in a month is dependent upon several factors including the availability of necessary parts and the amount of time required by staff to accomplish a given task.



Information Technology

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

IT Help Desk Tickets



Managed and Hosted IT Asset Uptime

Asset Name	USD Managed or Hosted by Third Party	% Up time
USD Website	Hosted	99.85%
Email Server	Hosted	100%
Newark Pump Station	USD Managed	99.99%
Boyce Pump Station	USD Managed	99.99%
Irvington Pump Station	USD Managed	100%
SCADA	USD Managed	99.93%
Total Average of All USD Servers	USD Managed	99.88%

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 (FY22) CIP Projects	Budget (\$1,000)	Spent to Date (\$1,000)	Scheduled Completion	Completed Scope
1 – Aeration Blower No. 11 Project	\$1,652	\$1,352	12/21	75%
2 – Alvarado Influent Pump Station Improvements Project	\$8,986	\$7,252	10/21	85%
3 – Cathodic Protection System Improvements Project	\$483	\$360	1/22	90%
4 – Centrifuge Building Improvements Project	\$688	\$320	10/21	97%
5 – Emergency Outfall Improvements Project	\$1,399	\$1,198	1/22	100%
6 – FY21 Cast Iron/Pipe Lining Project	\$307	\$220	5/21	100%
7 – FY21 Gravity Sewer Rehabilitation/ Replacement Project – Phase VII	\$595	\$595	10/21	100%
8- Irvington Basin Reinforced Concrete Pipe Rehabilitation Project	\$5,291	\$0	12/22	0%
9– Primary Digester No. 7 Project	\$23,758	\$22,783	4/22	97%
10 – Standby Power Generation System Upgrade Project	\$21,135	\$0	4/24	0%
11 – Wet Weather Flow Management – Calcium Thiosulfate Chemical Feed System	\$624	\$570	6/21	99%



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 (FY22) Design Phase	Budget (\$1,000)	Spent to Date (\$1,000)	Scheduled Completion	Completed Scope
1 – Cherry Street Pump Station Improvements Project	\$72	\$71	6/21	100%
2 – Force Main Corrosion Repairs Project Phase 3	\$60	\$20	12/21	100%
3 – Plant Miscellaneous Improvements Project	\$185	\$160	3/22	75%
4 – Pump Stations Chemical System Improvements Project	\$738	\$634	10/21	95%
5 – Sodium Hypochlorite Loop Improvements Project	\$280	\$106	5/22	50%
6 – Switchboard No. 3 and MCC No. 25 Replacement Project	\$95	\$4	7/22	8%
7 – WAS Thickener Replacement Project	\$807	\$801	6/21	100%

Study Phase – Budget and % of Completed Scope

Current (FY22) Study Phase	Budget (\$1,000)	Spent to Date (\$1,000)	Scheduled Completion	Completed Scope
1 – Cogeneration Replacement and Ventilation Study	\$142	\$49	7/22	40%
2 – Energy Resiliency Study	\$256	\$0	12/22	0%
3 – Force Main Condition Assessment	\$121	\$32	10/22	60%
4 – Headworks Degritting Study	\$200	\$26	10/22	15%
5 – Odor Control Alternatives Study	\$493	\$465	12/20	99%
6 – Primary Digester No. 8 Feasibility Study	\$111	\$6	9/22	5%
7 – Pump Stations Condition Assessment Study	\$250	\$35	8/22	20%
8 – Sea Level Rise Study	\$162	\$0	11/22	5%
9 – Thermal Dryer Feasibility Study	\$128	\$32	7/22	40%



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
Mar-22	21	0	41	1	0	4	67
Feb-22	21	2	28	7	0	1	59
Jan-22	20	1	41	3	0	4	69

*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
105	692	5	0	4	14	2	0	25

Pollution Prevention Inspections

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

Total Inspections		Total Monthly Enforcements						
Current Month	Fiscal Year to Date	Verbal Warning	Warning Letter	Notice of Violation	Admin Fine	Legal Action	Notice of Deficiency	Total
85	381	6	11	0	0	0	1	18

Permitted Industrial Businesses

City	Industrial Permits
Fremont	62
Newark	18
Union City 31 of 140	12

Examples of Permitted Industrial Businesses:

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



Staffing and Personnel

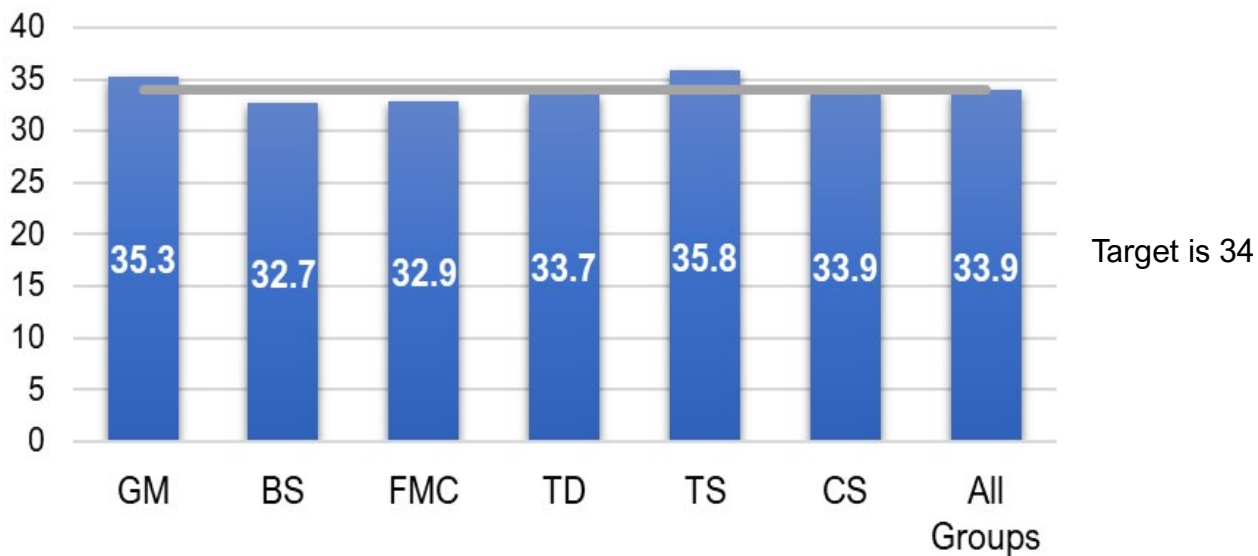
2022 MONTHLY OPERATIONS REPORT

Hours Worked and Leave Time by Work Group

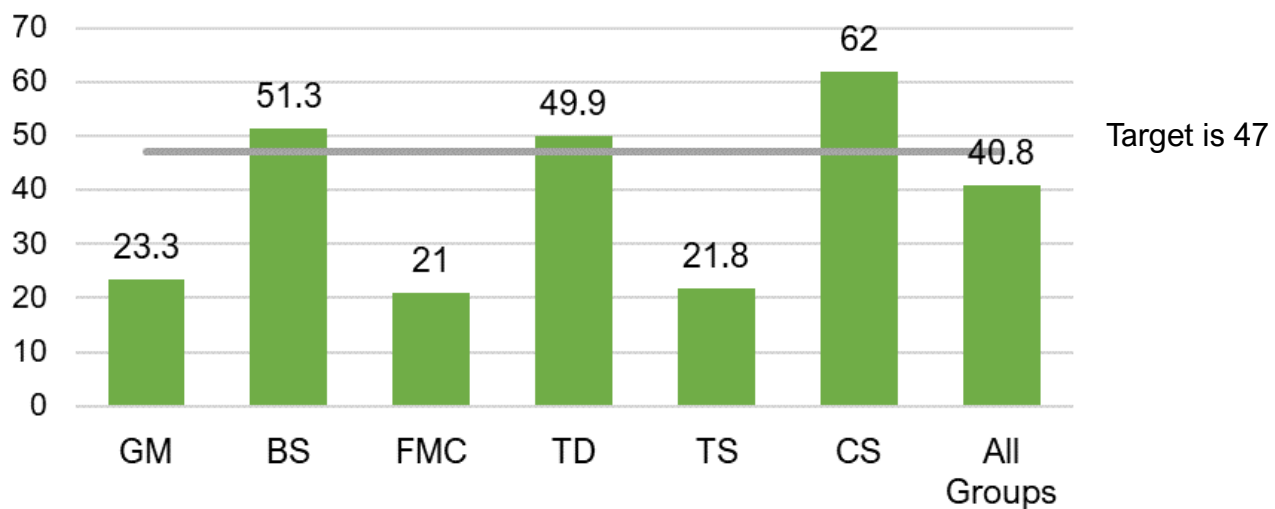
June 24, 2021 through March 30, 2022

Weeks to Date 40 out of 52 (76.9%)

At-Work Hours Per Employee Per Week



Average Annual Sick Leave Used Per Employee Per Date





Staffing and Personnel

2022 MONTHLY OPERATIONS REPORT

Recruitments

Position	Position Posted	Status
Technical Services Workgroup Manager	1/27/2022	Raymond Chau, Promotion 4/10/2022.
Instrument Technician/Electrician	1/5/2022	Justin Coleman, DOH 5/3/2022.
Environmental Outreach Representative	1/27/2022	Alicia Dutrow, DOH 4/11/2022.
Collection Services Worker I	2/17/2022	Usable List. Tyler Mello, DOH 3/21/2022.
Assistant Storekeeper	2/23/2022	Position under review.
Collection Services Planner/Scheduler I	3/4/2022	Kevin Coffee, Promotion 4/23/2022
Administrative Specialist – Treatment & Disposal Services	3/30/2022	Position posted first internally per MOU. Recruitment in progress.
Collection Services Worker I	3/14/2022	Usable List. Isaiah Caetano, DOH 4/11/2022.



Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

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

Karen W. Murphy
Attorney

**APRIL 25, 2022
BOARD OF DIRECTORS MEETING
AGENDA ITEM # 8**

TITLE: **Award the Multi-Year Service Contract for Printing and Mailing of the District's Annual Newsletter (*This is a Motion Item*)**

SUBMITTED: Paul R. Eldredge, General Manager/District Engineer
Michelle Powell, Communications & Intergovernmental Relations Coordinator

Recommendation

Staff recommends awarding the service contract for printing and mailing of USD's annual newsletter to Fong and Fong Printers and Lithographers for fiscal years 2023, 2024, and 2025.

Discussion

The District's Fall 2021 newsletter was the final issue produced under a multi-year printing and mailing services contract approved in July 2017. Staff issued an Invitation for Bid (IFB) on March 2, 2022, for printing and mailing services beginning Fiscal Year 2023. Each vendor was asked to estimate postage costs; however, the low bid was based on printing services only.

Three firms responded to the IFB. Fong and Fong Printers and Lithographers is the lowest, responsive, and responsible bidder. The contract is for three years with the option to renew for two additional years.

The bids were based on an estimated number of pieces to be printed. Finalized quantities will be determined after the contract is awarded and address files are obtained. Although a per-piece price was required for determining the low bid and awarding the contract, supply chain issues beyond the printer's and District's control may cause the price per piece to fluctuate and/or necessitate negotiating an alternative to the specified paper. Total printing costs are also estimated to change from one year to the next due to growth in the service area.

Postage will be charged at United States Postal Service market rate. Staff has estimated the anticipated postage costs below.

The following is a breakdown of estimated annual costs:

Fiscal Year 2023

Printing and mail preparation services:	\$22,591.90
Postage estimate:	\$32,120.00

Fiscal Year 2024

Printing and mail preparation services:	\$23,767.50
Postage estimate:	\$33,726.00

Fiscal Year 2025

Printing and mail preparation services:	\$23,767.50
Postage estimate:	\$35,412.30

Subtotal:	\$171,385.20
Contingency to accommodate increases in property addresses and postage rates (10%):	\$17,138.52

Total Not to Exceed:	\$188,523.72
-----------------------------	---------------------

Background

As a cost-savings measure in 2017, the Board agreed to enter into a multi-year contract for printing services, using a layout created with the Board as its consistent design. The contract was for three years with the option to renew for two additional years. The contract was extended for one year for the Fall 2020 newsletter and one final year for the Fall 2021 newsletter.

Previous Board Action

July 14, 2017, the Board awarded the multi-year service contract for printing and mailing of the District's Annual Newsletter.

Attachment: Fong and Fong signed bid response

ATTACHMENT C - COST PROPOSAL FORM

DESCRIPTION		PRICING PER CHANGE YEAR 1 PERIOD 07/01/22 THRU 06/30/23	PRICING PER CHANGE YEAR 2 PERIOD 07/01/23 THRU 06/30/24	PRICING PER CHANGE YEAR 3 PERIOD 07/01/24 THRU 06/30/25	"OPTIONAL" PRICING PER CHANGE YEAR 4 PERIOD 07/01/25 THRU 06/30/26	"OPTIONAL" PRICING PER CHANGE YEAR 5 PERIOD 07/01/26 THRU 06/30/27
11" x 17" Annual Newsletter Estimated Qty: 139,500	.169	\$22,575.00	\$23,750.00	\$23,750.00		
11" x 17" Annual Newsletter delivered to PM Estimated Qty: 100	.169	\$16.90	\$17.50	\$17.50		
Postage Fees (Within Tri-Cities) Estimated Qty: 130,000 (For informational purposes only and will not be included in calculations for basis of award)	Estimated	\$27,820.00	\$27,820.00	\$27,820.00		
Postage Fees (Outside of Tri-Cities) Estimated Qty: 9,500 (For informational purposes only and will not be included in calculations for basis of award)	Estimated	\$4,300.00	\$4,300.00	\$4,300.00		

NOTE: Pricing shall be all inclusive of (labor, supervision, equipment, material, travel, administrative cost, insurance) and any other cost necessary to fully complete services as requested in this Invitation for Bid. **Pricing must also include all taxes and costs for documentation, permits and fees, as may be applicable. Pricing shall reflect Prevailing Wage Rate.** The District makes no guarantee of the quantities of any of the following bid items. The exact quantity of bid items utilized will be determined by the District at its sole discretion after award of the contract and by written notice of the District over the duration of the contract. The Contractor shall receive no compensation for unused quantities of each or any of the bid items.

**Union Sanitary District
Invitation for Bid No. S-22-S-296
Printing and Mailing of Annual Newsletter**



UNION SANITARY DISTRICT

ADDENDUM #1

IFB NO. S-22-S-296

ISSUED March 18, 2022

Printing and Mailing of Annual Newsletter

The following changes shall be incorporated by this reference as part of the above referenced IFB. Proposer shall acknowledge receipt of the addendum by signing the bottom of the Addendum page 2.

Q. As there are serious issues with stock availability and pricing, is there a means for awarded vendor to address these issues at time of print? In essence the pricing quoted today can't be honored tomorrow.

A. The District expects all bidders to forecast and provide pricing based on paper stock specifications per Attachment A – Scope of Work/Newsletter Specifications. After the contract is awarded, should the supply chain and pricing environment dictate, the District reserves the right to negotiate an alternate to the specified paper.

Note Changes:

- **IFB Section I – Invitation:** Approximate total quantity changed from 142,500 to 139,600
- **IFB Section III – Specifications / Requirements:** Language changed to below:
"The District expects all bidders to forecast and provide pricing based on paper stock specifications per Attachment A – Scope of Work/Newsletter Specifications. After the contract is awarded, should the supply chain and pricing environment dictate, the District reserves the right to negotiate an alternate to the specified paper."
- **IFB Appendix A1/Page 1 – IFB Response Form:** Note language deletion:
"State the minimum number of business days required to print, bind, address, prepare newsletters for mailing and drop at post office upon proof approval _____ days."

Union Sanitary District
Invitation for Bid No. S-22-S-296
Printing and Mailing of Annual Newsletter

- **Attachment A – Scope of Work (SOW)/Newsletter Specifications:** Language changed below:
“The District expects all bidders to forecast and provide pricing based on paper stock specifications per Attachment A – Scope of Work/Newsletter Specifications. After the contract is awarded, should the supply chain and pricing environment dictate, the District reserves the right to negotiate an alternate to the specified paper.”
- **Attachment C – Cost Proposal Form:**
Document title change from Exhibit C to Attachment C
Line 1 quantity changed from 142,500 to 139,500
Line 3 quantity changed from 133,000 to 130,000

By: Skip Calvo
Purchasing Agent

Firm Name: Fong & Fong Printers and Lithographers Date: 3/29/2022
Name/Title: Marsha Fong/ Co-Owner Signature: Marsha Fong (mf)

APPENDIX A1
IFB RESPONSE FORM
PAGE 1 OF 2

1. BID PRICE:

To be provided on Attachment C – Cost Proposal Form

State the minimum number of business days required to print, bind, address, prepare newsletters for mailing and drop at post office upon proof approval 21 working days

Bidder, please state your payment term, including any prompt payment discount:

0 % Net 30 days

2. BIDDER'S REPRESENTATIONS:

Bidder understands, agrees, and warrants:

1. That Bidder has carefully read and fully understands the information that was provided by the District to serve as the basis for submission of this bid;
2. That Bidder has the capability to successfully undertake and complete the responsibilities and obligations of the bid being submitted;
3. That the bid constitutes an offer that shall be firm and irrevocable for **{90}** days from the deadline for submission offers.
4. That acceptance by District of one or more bids/offers shall create a binding contract obligating offeror(s) whose offer is accepted to perform as well as creating liability for non-performance. Acceptance by District of one or more offers shall not constitute termination or revocation of the remainder of the offers.
5. That all information contained in the bid is true and correct to the best of Bidder's knowledge;
6. That Bidder signed a non-collusion affidavit herewith attached with the bid;
7. That Bidder did not receive unauthorized information from any District staff or consultant during the bid period except as provided for in the IFB package, addenda thereto, or the pre-bid conference;
8. That by submission of this bid, the Bidder acknowledges that the District has the right to make any inquiry it deems appropriate to substantiate or supplement information supplied by Bidder, and Bidder hereby grants the District permission to make said inquiries, and to provide any and all requested documentation in a timely manner; and
9. That Bidder offers and agrees to furnish the items specified in the IFB package in accordance with the specifications, instructions, terms, and conditions stated herein. Any additional or different terms or qualifications sent by bidder, including, without limitation, in mailings, attached to invoices or with any items shipped, shall not become part of the contract between the parties. District's acceptance of contractor's offer is expressly made conditional on this statement.
10. The Bidder is aware of the public work and prevailing wage requirements as set forth in the California Labor Code Sections 1720 et seq.

APPENDIX A1
IFB RESPONSE FORM
PAGE 2 OF 2

No Bid shall be accepted which has not been signed in ink in the appropriate space below.

By signing below, the submission of a bid shall be deemed a representation and certification by the Bidder that they have investigated all aspects of the IFB, that they are aware of the applicable facts pertaining to the IFB process, its procedures and requirements, and that they have read and understand the IFB. No request for modification of the bid shall be considered after its submission and close of bid due date on the grounds that the Bidder was not fully informed as to any fact or condition.

Company Name: Fong & Fong Printers and Lithographers
Address: 3009 65th Street, Sacramento CA, 95820
Telephone Number: 916-739-1313
Contractor's License Number (if applicable) _____
DIR Registration Number (if applicable) _____
Worker Classification/s _____
Authorized Signature: Marsha Fong *(mf)*
Print Name: Marsha Fong
Title: Co-Owner
Date: 3/29/2022

APPENDIX A2
NON-COLLUSION DECLARATION
PAGE 1 OF 1

I, Marsha Fong, am the
(Print Name)

Operations Manager of Fong & Fong Printers and Lithographers,
(Position/Title) (Name of Company)

the party making the foregoing bid (the "Bidder") that the bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that the Bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid; and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the Bidder has not in any manner directly or indirectly, sought by Agreement, communication, or conference with anyone to fix the bid price of the Bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the Bid contract; that all statements contained in the bid are true; and, further, that the Bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid.

The Bidder shall also disclose any and all relationships with elected Union Sanitary District Board Member or District Staff, including any campaign contributions made on behalf of any past or present Board Member and attach it to this form.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct:

Print or Type Name: Marsha Fong

Authorized Signature: Marsha Fong 

Company Name: Fong & Fong Printers and Lithographers

Date: 3/29/2022

APPENDIX A3
REFERENCE AND STATEMENT OF EXPERIENCE
PAGE 1 OF 1

(To Accompany Proposal)

EXPERIENCE: The District is looking for Proposers who have engaged in the above listed project for at least FIVE (5) years. Please indicate the number of years' experience you have in the Space provided below.

PROPOSER'S REFERENCES AND STATEMENT OF EXPERIENCE

The Proposer's (Proposer) furnishing a proposal hereunder has been engaged in the business of Printing and Mailing of Annual Newsletter, under the present business name, for __ years. Experience in work of a nature similar to that covered in the proposal, extends over a period of __ years.

The Proposer, as a Proposer, has never failed to satisfactorily complete a Contract awarded to it, except as follows:

To be considered for award, the Proposer shall have completed at least three (3) supply contracts of similar type and complexity and comparable value within the last three (3) years.

The following Contracts have been satisfactorily completed in the last three (3) years for the persons, firm or authority indicated, and to whom reference is made:

<u>Year</u>	<u>Type of Work</u>	<u>Contract Amount</u>	<u>Location and for Whom Performed</u>	<u>Contact Name</u>	<u>Phone Number</u>
2000- present	Various	_____	County of Sacramento	Dan Ernst	916-875-7055
2000- present	Various	_____	UC Davis	Bridgit Noss	916-371-9145
2000- present	Schedules	_____	Bay Area Rapid Transit	Gina DeLoenzo	510-464-7131

Marsha Fong

(mf)

Signature

Name: Marsha Fong

Title: Operations Manager

Date: 3/29/2022

**Directors**

Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

Officers

Paul R. Eldredge
*General Manager/
District Engineer*

Karen W. Murphy
Attorney

**APRIL 25, 2022
BOARD OF DIRECTORS MEETING
AGENDA ITEM # 9**

TITLE: **Authorize the General Manager to Execute an Agreement and Task Order No. 1 with Quincy Engineers, Inc. for the Irvington Basin Reinforced Concrete Pipe Rehabilitation Project and Force Main Corrosion Repairs Project – Phase 3 (*This is a motion item*)**

SUBMITTED: Paul R. Eldredge, General Manager/District Engineer
 Raymond Chau, Technical Services Work Group Manager
 Allan Briggs, Interim CIP Team Coach
 Andrew Baile, Assistant Engineer

Recommendation

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

Discussion

The purpose of Task Order No. 1 is to authorize Quincy to provide construction management services for the Irvington RCP Project and the Force Main Project. The scope of services for Task Order No. 1 will include construction administration, facilitation of progress meetings, processing of construction documents, field quality assurance, coordination of field testing, and project closeout inspection and documentation.

The scope and fee for Task Order No. 1 with Quincy are summarized below:

Task Description	Fee
Construction Management and Inspection Services: <ul style="list-style-type: none"> • Construction Oversight • Project Communication • Field Inspection Services • Project Reporting / Records Review • Project Closeout 	\$479,040
Subconsultants: <ul style="list-style-type: none"> • Welding Inspection • Coating Inspection 	\$15,750
Task Order No. 1 Not to Exceed Fee	\$494,790

The total not to exceed fee of \$494,790 is 7.8 percent of the total construction amount of \$6,354,556 for both projects. For projects of this size and scope, staff expects the fee to be in the range of 8 to 10 percent. For a comparison, the table below summarizes the final fees and percentages of the construction management services of comparable pipeline projects.

Project	Construction Management Cost (A)	Construction Cost (B)	Percentage of A to B
Upper Hetch Hetchy Corridor Sanitary Sewer Rehabilitation Project	\$248,187	\$2,968,033	8.4%
Alvarado-Niles Road Sanitary Sewer Rehabilitation Project	\$258,723	\$3,249,062	8.0%

Staff has reviewed this price proposal and found it to be reasonable considering the scope and multiple work locations of the two projects. All work under this task order, including project close out phase services, is expected to be completed by January 2023.

Background

On February 14, 2022, the Board awarded the construction contract for the Irvington RCP Project to Insituform Technologies, LLC. The Notice to Proceed (NTP) was issued to Insituform on April 11, 2022. This project will have a construction duration of 290 calendar days.

On April 11, 2022, the Board awarded the construction contract for the Force Main Project to Power Engineering Construction Co. Staff expects to issue the NTP Power Engineering in May 2022. This project will have a construction duration of 160 calendar days.

Irvington Basin Reinforced Concrete Pipe Rehabilitation Project

The Irvington drainage basin covers the southern end of the District's service area, collecting wastewater primarily from the city of Fremont and an eastern section of the city of Newark. Several trunk sewers collect the wastewater in the basin and eventually terminates at the Irvington Pump Station located at the southern end of the District. Within the Irvington Basin, there are two lift stations that collect and lift wastewater from deeper collection sewer system sewer mains to higher sewer mains that drain to Irvington Pump Station. The Boyce Road Lift Station is located near the northern section of the basin and the Fremont Boulevard Lift Station is located near the southern section of the basin.

There are approximately 6.25 miles (33,000 feet) of 33- to 48-inch diameter trunk sewers in the Irvington Basin that were installed between the late 1950s and mid-1960s using reinforced concrete pipe (RCP). The trunk sewers are located within the city of Fremont and are the main collectors of the wastewater from the smaller-diameter sewers in the upstream portions of the basin and are vital in transporting the basin's total wastewater to the Irvington Pump Station. Woodard & Curran completed the Project's final design in December 2021. The final design identified pipes to be rehabilitated due to concrete deterioration due to hydrogen sulfide corrosion, with defects such as extensive concrete spalling with exposed aggregate, exposed steel reinforcement in the concrete, and visual indications of "ribbing," which is the stage of concrete deterioration right before steel reinforcement is exposed. The defects noted for the vitrified clay and cast-iron pipes included circumferential and longitudinal cracks, deteriorated joint mortar, pulled joints, roots, infiltration, and heavy tuberculation (cast iron corrosion). The defects noted for the trunk sewer manholes included corroded frames and steps, concrete deterioration, roots, and groundwater infiltration at joints.

The project consists of the following:

- Cured-in-Place Pipe (CIPP) rehabilitation of 7,580 linear feet of sanitary sewer trunk mains in the city of Fremont, which comprises of the following:
 - 6,370 linear feet of 33-inch diameter to 48-inch diameter RCP.
 - 1,060 linear feet of 42-inch diameter vitrified clay pipe.
 - Three sections of 50 linear feet each of 18-inch diameter cast iron siphons.
- Installation of one new sanitary sewer trunk manhole
- Concrete rehabilitation of 26 trunk sewer manholes
- Sewage flow control
- Lateral reinstatement
- Traffic control and surface restoration.

Force Main Corrosion Repairs Project – Phase 3

The District operates and maintains the transport system that consists of three pump stations and three lift stations and approximately 12.5 miles of twin force main pipelines. The transport

system conveys wastewater from the Irvington and Newark drainage basins to the Alvarado Wastewater Treatment Plant.

Force main facilities include 78 manholes along the pipeline alignment. 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 does not 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.

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. Staff hired West Yost Associates to complete preliminary design services in the fall of 2016, and West Yost completed this work while outlining a plan to accomplish the repairs in several phases.

Phases 1 and 2 of the Force Main Corrosion Repairs Project addressed repairs in the force main manholes located between the Newark Pump Station and the Plant, and construction was completed in 2017 (eastern force main) and 2018 (western force main).

Phase 3 of the Force Main Corrosion Repairs Project will address repairs in the manholes on the western force main between the Irvington Pump Station and the Newark Pump Station. The Project will also include repairs to the concrete structure of an access manhole located on the Cargill Salt property.

The project consists of the following:

- Removing and replacing manways and appurtenances of air release valves, blow offs, and access manways located along the District's twin force mains.

- 12 Access Manways
- 5 ARV Manholes
- 3 Blow Off Manholes
- Welding new steel components.
- Sandblasting and painting/coating existing and new components.
- Implementing biological control measures.
- Dewatering approximately 700,000 gallons from the force mains.
- Apply chemical injection grout inside manhole.
- Abandon one existing force main manhole.
- Clean-up of oil substance inside manhole.
- Removing and replacing one concrete flat slab top, access hatch, and vent piping.

Previous Board Action

Irvington Basin Reinforced Concrete Pipe Project

July 27, 2020, the Board authorized the General Manager to execute an agreement and Task Order No. 1 with Woodard & Curran in the amount of \$104,815 to provide predesign services for the Irvington Basin Reinforced Concrete Pipe Rehabilitation Project.

February 22, 2021, the Board authorized the General Manager to execute Task Order No. 2 with Woodard & Curran in the amount of \$271,417 to provide final design services for the Irvington Basin Reinforced Concrete Pipe Rehabilitation Project.

February 14, 2022, the Board awarded the contract for the Irvington Basin Reinforced Concrete Pipe Rehabilitation Project to Insituform Technologies, LLC in the amount of \$5,290,884.

March 14, 2022, the Board authorized the General Manager to execute Task Order No. 3 with Woodard & Curran in the amount of \$79,510 to provide engineering services during construction of the Irvington Basin Reinforced Concrete Pipe Rehabilitation Project.

Force Main Corrosion Repairs Project – Phase 3

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 engineering services during construction of the Force Main Corrosion Repairs Project – Phase 3.

April 11, 2022, the Board awarded the contract for the Force Main Corrosion Repairs Project – Phase 3 to Power Engineering Construction Co. in the amount of \$1,063,672.

PRE/RC/AB/AB;mb

Attachments: Agreement
Task Order No. 1

**IRVINGTON BASIN REINFORCED CONCRETE PIPE REHABILITATION PROJECT
FORCE MAIN CORROSION REPAIRS PROJECT – PHASE 3**

AGREEMENT
BETWEEN
UNION SANITARY DISTRICT
AND
QUINCY ENGINEERING, INC.
FOR
PROFESSIONAL SERVICES

THIS IS AN AGREEMENT MADE AS OF _____ BETWEEN UNION SANITARY DISTRICT (hereinafter referred to as District), and QUINCY ENGINEERING, INC. (hereinafter referred to as Engineer).

WITNESSETH:

WHEREAS, District intends to construct the Irvington Basin Reinforced Concrete Pipe Rehabilitation Project and Force Main Corrosion Repairs Project – Phase 3 (hereinafter referred to as Project), and,

WHEREAS, District requires certain professional services in connection with the Project (hereinafter referred as Services); and

WHEREAS, Engineer is qualified and prepared to provide such Services;

NOW, THEREFORE, in consideration of the promises contained herein, the parties agree as follows:

ARTICLE 1 - SERVICES TO BE PERFORMED BY ENGINEER

- 1.1 Specific Services and the associated scope of services, payment, schedule, and personnel will be defined in specific Task Order as mutually agreed by District and Engineer.
- 1.2 All Task Orders will by reference incorporate the terms and conditions of this Agreement, and become formal amendments hereto.

ARTICLE 2 - COMPENSATION

2.1 Compensation for consulting services performed under this Agreement shall include:

- (1) Direct labor costs, multiplied by an agreed upon fixed factor (the Multiplier), to compensate for fringe benefits, indirect costs, and profit.
- (2) Non-labor direct project charge not included in the fixed factor and acceptable, without any markup.
- (3) Subconsultant costs, with a maximum markup of 5%.

Definitions are as follows:

- (a) Direct labor is salaries and wages paid to personnel for time directly chargeable to the project. Direct labor does not include the cost of Engineer's statutory and customary benefits, such as sick leave, holidays, vacations, and medical and retirement benefits nor the cost of the time of executive and administrative personnel and others whose time is not identifiable to the project.
- (b) Fringe benefits include Engineer's statutory and customary benefits, such as sick leave, holidays, vacations, medical and retirement benefits, incentive pay, tuition, and other costs classified as employee benefits.
- (c) Indirect costs are allocations of costs that are not directly chargeable to a specific engagement and are commonly referred to as Engineer's overhead. Indirect costs include provisions for such things as clerical support, office space, light and heat, insurance, statutory and customary employee benefits, and the time of executive and administrative personnel and others whose time is not identifiable to the Project or to any other project. Under no circumstances can the same labor costs be charged as direct labor and also appear at the same time as indirect costs, and vice versa.
- (d) The Multiplier is a multiplicative factor which is applied to direct labor costs, and compensates Engineer for fringe benefits and indirect costs (overhead) and profit.
- (e) Other non-labor direct project charges shall be included in the overhead and these charges include typical expenses as cost of

transportation and subsistence, printing and reproduction, computer time and programming costs, identifiable supplies, outside consultant's charges, subcontracts, and charges by reviewing authorities."

Alternatively, the District and the Engineer may agree to utilize the fully-encumbered hourly rates and fees for Services performed by the Engineer. These hourly rates and fees shall be based on the Engineer's rate schedule published at the time this Agreement or Task Order is executed and shall be attached to each applicable Task Order.

- 2.2 Reimbursement for mileage shall not exceed the prevailing Internal Revenue Service's standard mileage rate.
- 2.3 A *Cost Ceiling* will be established for each Task Order which is based upon estimated labor-hours and cost estimates. Costs as described above, comprising direct labor, overhead cost, and other direct costs, shall be payable up to a Cost Ceiling as specified in the Task Order. A *Maximum Fee Ceiling*, or *Task Order Firm Ceiling*, will also be established for each Task Order which includes the Cost Ceiling plus the Professional Fee.
- 2.4 Engineer shall invoice District monthly for the actual costs incurred, and a pro-rated portion of the Professional Fee for work performed during the previous month. If the Maximum Fee Ceiling is reached, the Engineer will complete the agreed-upon work for the Maximum Fee Ceiling. With District staff approval, labor hours may be reallocated within the tasks without renegotiation in such a manner so as not to exceed the Maximum Fee Ceiling.
- 2.5 The Engineer shall provide the District with a review of the budget amounts when 75 percent of the Cost Ceiling for any task has been expended. Engineer may request a revision in the Cost Ceiling for performance of this Agreement, and will relate the rationale for the revision to the specific basis of estimate as defined in the Scope of Services. Such notification will be submitted to the District at the earliest possible date. The authorized Cost Ceiling shall not be exceeded without written approval of the District.
- 2.6 The Professional Fee will not be changed except in the case of a written amendment to the Agreement which alters the Scope of Services. District and Engineer agree to negotiate an increase or decrease in Cost Ceiling and Professional Fee for any change in Scope of Services required at any time during the term of this Agreement. Engineer will not commence work on the altered Scope of Services until authorized by District.

- 2.7 Direct labor rates are subject to revision to coincide with Engineer's normal salary review schedule. Adjustments in direct labor rates shall not affect the firm ceiling without prior written authorization of the District.
- 2.8 District shall pay Engineer in accordance with each Task Order for Services.
- 2.9 Engineer shall submit monthly statements for Services rendered. District will make prompt monthly payments in response to Engineer's monthly statements.

ARTICLE 3 - PERIOD OF SERVICE

- 3.1 Engineer's services will be performed and the specified services rendered and deliverables submitted within the time period or by the date stipulated in each Task Order.
- 3.2 Engineer's services under this Agreement will be considered complete when the services are rendered and/or final deliverable is submitted and accepted by District.
- 3.3 If any time period within or date by which any of the Engineer's services are to be completed is exceeded through no fault of Engineer, all rates, measures and amounts of compensation and the time for completion of performance shall be subject to equitable adjustment.

ARTICLE 4 - DISTRICT'S RESPONSIBILITIES

District will do the following in a timely manner so as not to delay the services of Engineer.

- 4.1 Provide all criteria and full information as to District's requirements for the services assignment and designate in writing a person with authority to act on District's behalf on all matters concerning the Engineer's services.
- 4.2 Furnish to Engineer all existing studies, reports and other available data pertinent to the Engineer's services, obtain or authorize Engineer to obtain or provide additional reports and data as required, and furnish to Engineer services of others required for the performance of Engineer's services hereunder, and Engineer shall be entitled to use and rely upon all such information and services provided by District or others in performing Engineer's services under this Agreement.

- 4.3 Arrange for access to and make all provisions for Engineer to enter upon public and private property as required for Engineer to perform services hereunder.
- 4.4 Perform such other functions as are indicated in each Task Order related to duties of District.
- 4.5 Bear all costs incident to compliance with the requirements of this Section.

ARTICLE 5 - STANDARD OF CARE

- 5.1 Engineer shall exercise the same degree of care, skill, and diligence in the performance of the Services as is ordinarily provided by a professional Engineer under similar circumstance and Engineer shall, at no cost to District, re-perform services which fail to satisfy the foregoing standard of care.

ARTICLE 6 - OPINIONS OF COST AND SCHEDULE

- 6.1 Since Engineer has no control over the cost of labor, materials, equipment or services furnished by others, or over contractors', subcontractors', or vendors' methods of determining prices, or over competitive bidding or market conditions or economic conditions, Engineer's cost estimate and economic analysis shall be made on the basis of qualification and experience as a professional engineer.
- 6.2 Since Engineer has no control over the resources provided by others to meet contract schedules, Engineer's forecast schedules shall be made on the basis of qualification and experience as a professional Engineer.
- 6.3 Engineer cannot and does not guarantee that proposals, bids or actual project costs will not vary from his cost estimates or that actual schedules will not vary from his forecast schedules.

ARTICLE 7 - SUBCONTRACTING

- 7.1 No subcontract shall be awarded by Engineer until prior written approval is obtained from the District.

ARTICLE 8 - ENGINEER-ASSIGNED PERSONNEL

- 8.1 Engineer shall designate in writing an individual to have immediate responsibility for the performance of the services and for all matters relating to performance under this Agreement. Key personnel to be assigned by Engineer will be stipulated in each Task Order. Substitution of any assigned person shall require the prior written approval of the District, which shall not be unreasonably withheld. If the District determines that a proposed substitution is not responsible or qualified to perform the services then, at the request of the District, Engineer shall substitute a qualified and responsible person.

ARTICLE 9 - OWNERSHIP OF DOCUMENTS

- 9.1 All work products, drawings, data, reports, files, estimate and other such information and materials (except proprietary computer programs, including source codes purchased or developed with Engineer monies) as may be accumulated by Engineer to complete services under this Agreement shall be owned by the District.
- 9.2 Engineer shall retain custody of all project data and documents other than deliverables specified in each Task Order, but shall make access thereto available to the District at all reasonable times the District may request. District may make and retain copies for information and reference.
- 9.3 All deliverables and other information prepared by Engineer pursuant to this Agreement are instruments of service in respect to this project. They are not intended or represented to be suitable for reuse by District or others on extensions of this Project or on any other project. Any reuse without written verification or adaptation by Engineer for the specific purpose intended will be at District's sole risk and without liability or legal exposure to Engineer; and District shall indemnify and hold harmless Engineer against all claims, damages, losses, and expenses including attorney's fees arising out of or resulting from such reuse. Any such verification or adaptation will entitle Engineer to further compensation at rates to be agreed upon by District and Engineer.

ARTICLE 10 - RECORDS OF LABOR AND COSTS

- 10.1 Engineer shall maintain for all Task Orders, records of all labor and costs used in claims for compensation under this Agreement. Records shall mean a contemporaneous record of time for personnel; a methodology and calculation of the Multiplier for fringe benefits and indirect costs; and invoices, time sheets, or other factors used as a basis for determining other non-labor

Project charges. These records must be made available to the District upon reasonable notice of no more than 48 hours during the period of the performance of this Agreement.

- 10.2 After delivery of Services (completion of Task Orders) under this Agreement, the Engineer's records of all costs used in claims for compensation under this Agreement shall be available to District's accountants and auditors for inspection and verification. These records will be maintained by Engineer and made reasonably accessible to the District for a period of three (3) years after completion of Task Orders under this Agreement.
- 10.3 Engineer agrees to cooperate and provide any and all information concerning the Project costs which are a factor in determining compensation under this Agreement as requested by the District or any public agency which has any part in providing financing for, or authority over, the Services which are provided under the Agreement.
- 10.4 Failure to provide documentation or substantiation of all Project costs used as a factor in compensation paid under Article 2 hereof will be grounds for District to refuse payment of any statement submitted by the Engineer and for a back charge for any District funds, including interest from payment; or grant, matching, or other funds from agencies assisting District in financing the Services specified in this Agreement.

ARTICLE 11 - INSURANCE

Engineer shall provide and maintain at all times during the performance of the Agreement the following insurances:

- 11.1 Workers' Compensation and Employer's Liability Insurance for protection of Engineer's employees as required by law and as will protect Engineer from loss or damage because of personal injuries, including death to any of his employees.
- 11.2 Comprehensive Automobile Liability Insurance. Engineer agrees to carry a Comprehensive Automobile Liability Policy providing bodily injury liability. This policy shall protect Engineer against all liability arising out of the use of owned or leased automobiles both passenger and commercial. Automobiles, trucks, and other vehicles and equipment (owned, not owned, or hired, licensed or unlicensed for road use) shall be covered under this policy. Limits of liability for Comprehensive Automobile Liability Insurance shall not be less than \$1,000,000 Combined Single Limit.

- 11.3 Comprehensive General Liability Insurance as will protect Engineer and District from any and all claims for damages or personal injuries, including death, which may be suffered by persons, or for damages to or destruction to the property of others, which may arise from the Engineer's operations under this Agreement, which insurance shall name the District as additional insured. Said insurance shall provide a minimum of \$1,000,000 Combined Single Limit coverage for personal injury, bodily injury, and property damage for each occurrence and aggregate. Such insurance will insure Engineer and District from any and all claims arising from the following:
1. Personal injury;
 2. Bodily injury;
 3. Property damage;
 4. Broad form property damage;
 5. Independent contractors;
 6. Blanket contractual liability.
- 11.4 Engineer shall maintain a policy of professional liability insurance, protecting it against claims arising out of negligent acts, errors, or omissions of Engineer pursuant to this Agreement, in an amount of not less than \$1,000,000. The said policy shall cover the indemnity provisions under this Agreement.
- 11.5 Engineer agrees to maintain such insurance at Engineer's expense in full force and effect in a company or companies satisfactory to the District. All coverage shall remain in effect until completion of the Project.
- 11.6 Engineer will furnish the District with certificates of insurance and endorsements issued by Engineer's insurance carrier and countersigned by an authorized agent or representative of the insurance company. The certificates shall show that the insurance will not be cancelled without at least thirty (30) days' prior written notice to the District. The certificates for liability insurance will show that liability assumed under this Agreement is included. The endorsements will show the District as an additional insured on Engineer's insurance policies for the coverage required in Article 11 for services performed under this Agreement, except for workers' compensation and professional liability insurance.
- 11.7 Waiver of Subrogation: Engineer hereby agrees to waive subrogation which any insurer of Engineer may acquire from Engineer by virtue of the payment of any loss. Engineer agrees to obtain any endorsement that may be necessary to effect this waiver of subrogation.

The Workers' Compensation policy shall be endorsed with a waiver of subrogation in favor of the District for all work performed by the Engineer, its employees, agents and subconsultants.

ARTICLE 12 - LIABILITY AND INDEMNIFICATION

- 12.1 Having considered the risks and potential liabilities that may exist during the performance of the Services, and in consideration of the promises included herein, District and Engineer agree to allocate such liabilities in accordance with this Article 12. Words and phrases used in this Article shall be interpreted in accordance with customary insurance industry usage and practice.
- 12.2 Engineer shall indemnify and save harmless the District and all of their agents, officers, and employees from and against all claims, demands, or causes of action of every name or nature to the extent caused by the negligent error, omission, or act of Engineer, its agents, servants, or employees in the performance of its services under this Agreement. In no event shall Engineer's costs to defend the District exceed the Engineer's proportionate percentage of negligence or fault, based upon a final judicial determination, except that if one or more defendants in an action are unable to pay its share of defense costs due to bankruptcy or dissolution, Engineer shall meet and confer with the other defendant parties regarding defense costs.
- 12.3 In the event an action for damages is filed in which negligence is alleged on the part of District and Engineer, Engineer agrees to defend District. In the event District accepts Engineer's defense, District agrees to indemnify and reimburse Engineer on a pro rata basis for all expenses of defense and any judgment or amount paid by Engineer in resolution of such claim. Such pro rata share shall be based upon a final judicial determination of proportionate negligence or, in the absence of such determination, by mutual agreement.
- 12.4 Engineer shall indemnify District against legal liability for damages arising out of claims by Engineer's employees. District shall indemnify Engineer against legal liability for damages arising out of claims by District's employees.
- 12.5 Indemnity provisions will be incorporated into all Project contractual arrangements entered into by District and will protect District and Engineer to the same extent.
- 12.6 Upon completion of all services, obligations and duties provided for in the Agreement, or in the event of termination of this Agreement for any reason, the terms and conditions of this Article shall survive.

- 12.7 To the maximum extent permitted by law, Engineer's liability for District's damage will not exceed the aggregate compensation received by Engineer under this Agreement or the maximum amount of professional liability insurance available at the time of any settlement or judgment, which ever is greater.

ARTICLE 13 - INDEPENDENT CONTRACTOR

Engineer undertakes performance of the Services as an independent contractor and shall be wholly responsible for the methods of performance. District will have no right to supervise the methods used, but District will have the right to observe such performance. Engineer shall work closely with District in performing Services under this Agreement.

ARTICLE 14 - COMPLIANCE WITH LAWS

In performance of the Services, Engineer will comply with applicable regulatory requirements including federal, state, and local laws, rules, regulations, orders, codes, criteria and standards. Engineer shall procure the permits, certificates, and licenses necessary to allow Engineer to perform the Services. Engineer shall not be responsible for procuring permits, certificates, and licenses required for any construction unless such responsibilities are specifically assigned to Engineer in Task Order.

ARTICLE 15 - NONDISCLOSURE OF PROPRIETARY INFORMATION

Engineer shall consider all information provided by District and all drawings, reports, studies, design calculations, specifications, and other documents resulting from the Engineer's performance of the Services to be proprietary unless such information is available from public sources. Engineer shall not publish or disclose proprietary information for any purpose other than the performance of the Services without the prior written authorization of District or in response to legal process.

ARTICLE 16 - TERMINATION OF CONTRACT

- 16.1 The obligation to continue Services under this Agreement may be terminated by either party upon seven days written notice in the event of substantial failure by the other party to perform in accordance with the terms hereof through no fault of the terminating party.
- 16.2 District shall have the right to terminate this Agreement or suspend performance thereof for District's convenience upon written notice to

Engineer, and Engineer shall terminate or suspend performance of Services on a schedule acceptable to District. In the event of termination or suspension for District's convenience, District will pay Engineer for all services performed and costs incurred including termination or suspension expenses. Upon restart of a suspended project, equitable adjustment shall be made to Engineer's compensation.

ARTICLE 17 - UNCONTROLLABLE FORCES

- 17.1 Neither District nor Engineer shall be considered to be in default of this Agreement if delays in or failure of performance shall be due to uncontrollable forces, the effect of which, by the exercise of reasonable diligence, the nonperforming party could not avoid. The term "uncontrollable forces" shall mean any event which results in the prevention or delay of performance by a party of its obligations under this Agreement and which is beyond the control of the nonperforming party. It includes, but is not limited to, fire, flood, earthquake, storms, lightening, epidemic, war, riot, civil disturbance, sabotage, inability to procure permits, licenses, or authorizations from any state, local, or federal agency or person for any of the supplies, materials, accesses, or services required to be provided by either District or Engineer under this Agreement, strikes, work slowdowns or other labor disturbances, and judicial restraint.
- 17.2 Neither party shall, however, be excused from performance if nonperformance is due to uncontrollable forces which are removable or remediable, and which the nonperforming party could have, with the exercise of reasonable diligence, removed or remedied with reasonable dispatch. The provisions of this Article shall not be interpreted or construed to require Engineer or District to prevent, settle, or otherwise avoid a strike, work slowdown, or other labor action. The nonperforming party shall, within a reasonable time of being prevented or delayed from performance by an uncontrollable force, give written notice to the other party describing the circumstances and uncontrollable forces preventing continued performance of the obligations of this Agreement. The Engineer will be allowed reasonable negotiated extension of time or adjustments for District initiated temporary stoppage of services.

ARTICLE 18 - MISCELLANEOUS

- 18.1 A waiver by either District or Engineer of any breach of this Agreement shall not be binding upon the waiving party unless such waiver is in writing. In the

event of a written waiver, such a waiver shall not affect the waiving party's rights with respect to any other or further breach.

- 18.2 The invalidity, illegality, or unenforceability of any provision of this Agreement, or the occurrence of any event rendering any portion or provision of this Agreement void, shall in no way effect the validity or enforceability of any other portion or provision of the Agreement. Any void provision shall be deemed severed from the Agreement and the balance of the Agreement shall be construed and enforced as if the Agreement did not contain the particular portion or provision held to be void.

ARTICLE 19 - INTEGRATION AND MODIFICATION

- 19.1 This Agreement (consisting of pages 1 to 14), together with all Task Orders executed by the undersigned, is adopted by District and Engineer as a complete and exclusive statement of the terms of the Agreement between District and Engineer. This Agreement supersedes all prior agreements, contracts, proposals, representations, negotiations, letters, or other communications between the District and Engineer pertaining to the Services, whether written or oral.
- 19.2 The Agreement may not be modified unless such modifications are evidenced in writing signed by both District and Engineer.

ARTICLE 20 - SUCCESSORS AND ASSIGNS

- 20.1 District and Engineer each binds itself and its directors, officers, partners, successors, executors, administrators, assigns and legal representatives to the other party to this Agreement and to the partners, successors, executors, administrators, assigns, and legal representatives of such other party, in respect to all covenants, agreements, and obligations of this Agreement.
- 20.2 Neither District nor Engineer shall assign, sublet, or transfer any rights under or interest in (including, but without limitation, monies that may become due or monies that are due) this Agreement without the written consent of the other, except to the extent that the effect of this limitation may be restricted by law. Unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under this Agreement. Nothing contained in this paragraph shall prevent Engineer from employing such independent engineers, associates, and subcontractors as he may deem appropriate to assist him/her in the performance of the Services hereunder and in accordance with Article 7.

- 20.3 Nothing herein shall be construed to give any rights or benefits to anyone other than District and Engineer.

ARTICLE 21 – INFORMATION SYSTEM SECURITY

When the District determines this article is applicable, the Engineer shall obtain written approval from the District representative prior to accessing District internal systems through real-time computer connections. Upon approval, the Engineer will use only in-bound connections to accomplish a legitimate business need and a previously defined and approved task. As a condition of approval, the Engineer shall:

- a) Be running a current operating system supported by the District with up-to-date security patches applied as defined in the District COE/Non-COE document.
- b) Have anti-virus software installed on his/her personal computer with up-to-date virus signatures.
- c) Have personal firewall software installed and enabled on their computer.
- d) Understand and sign the District's Electronic Equipment Use Policy, number 2160.

The District reserves the right to audit the security measures in effect on Engineer's connected systems without prior notice. The District also reserves the right to terminate network connections immediately with all Engineer's systems not meeting the above requirements.

ARTICLE 22 – EMPLOYEE BACKGROUND CHECK

Engineer, at no additional expense to the District, shall conduct a background check for each of its employees, as well as for the employees of its subconsultants (collectively "Consultant Employees") who will have access to District's computer systems, either through on-site or remote access, or whose contract work requires an extended presence on the District's premises. The minimum background check process for any District consultant shall include, but not be limited to

- 1. California residents: Criminal Records (County and State Criminal Felony and Misdemeanor
- 2. Out of State residents: Federal criminal search of the National Criminal Database,

The background check shall be conducted and the results submitted to the District prior to initial access by Consultant Employees. If at any time, it is discovered that a Consultant Employee has a criminal record that includes a felony or misdemeanor, the Engineer is

required to inform the District immediately and the District will assess the circumstances surrounding the conviction, time frame, nature, gravity, and relevancy of the conviction to the job duties, to determine whether the Consultant Employee will be placed or remain on a District assignment. The District may withhold consent at its sole discretion. The District may also conduct its own criminal background check of the Consultant Employees. Failure of the Engineer to comply with the terms of this paragraph may result in the termination of its contract with the District.

ARTICLE 23 - EXCEPTIONS

No exceptions.

IN WITNESS THEREOF, the parties hereto have made and executed this Agreement as of the day and year first above written.

UNION SANITARY DISTRICT

QUINCY ENGINEERS, INC.

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

By: _____
Jason Jurens
California Regional Manager

Date: _____

Date: _____

**IRVINGTON BASIN REINFORCED CONCRETE PIPE REHABILITATION PROJECT
FORCE MAIN CORROSION REPAIRS PROJECT – PHASE 3**

**TASK ORDER NO. 1
to
AGREEMENT
BETWEEN
UNION SANITARY DISTRICT
AND
QUINCY ENGINEERING, INC.
FOR
PROFESSIONAL SERVICES**

This Task Order No. 1 is issued by the Union Sanitary District (District) and accepted by Quincy Engineering (Construction Manager), pursuant to the mutual promises, covenants, and conditions contained in the Agreement between the above-named parties dated _____, associated with the two projects: Irvington Basin Reinforced Concrete Pipe Rehabilitation Project and Force Main Corrosion Repairs Project – Phase 3 (Projects).

1. PURPOSE

The purpose of this Task Order is to provide construction management services associated with the Projects. Each project will have its own contractor and design consultant.

2. PROJECT UNDERSTANDING AND PROJECT COORDINATION

2.1 Irvington Basin Reinforced Concrete Pipe Rehabilitation Project

The project consists of, but not limited to, the following:

- Rehabilitation of approximately 150 linear feet of existing 18-inch diameter cast iron pipe by cured-in-place pipe (CIPP) method, which consists of three (3) 50 linear feet siphons.
- Rehabilitation of approximately 2,030 linear feet of existing 33-inch diameter RCP by CIPP method.
- Rehabilitation of approximately 2,760 linear feet of existing 36-inch diameter RCP by CIPP method.
- Rehabilitation of approximately 1,040 linear feet of existing 39-inch diameter RCP by CIPP method.
- Rehabilitation of approximately 1,050 linear feet of existing 42-inch diameter VCP by CIPP method.
- Rehabilitation of approximately 540 linear feet of existing 48-inch diameter RCP by CIPP method.
- Sewage flow control.

- Installation and maintenance of facilities as required for traffic control.
- Pavement removal, including saw cutting and cold milling, as required.
- Excavation and backfilling of excavations.
- Sheeting, shoring, and bracing support of adjoining ground, where necessary.
- Handling drainage and groundwater removal.
- Handling, stockpiling, sampling, and testing of contaminated soil and groundwater.
- Unloading, loading, hauling, distributing, preparing, installing, curing, and testing the cured-in-place pipe.
- Lateral Reinstatement
- Manhole rehabilitation.
- Surface Restoration.

Project improvements are spread across multiple locations within the city of Fremont.

2.2 Force Main Corrosion Repairs Project – Phase 3

The project consists of, but not limited to, the following:

- Removing and replacing manways and appurtenances of air release valves, blow offs, and access manways located along the District's twin force mains.
 - 12 Access Manways
 - 5 ARV Manholes
 - 3 Blow Off Manholes
- Welding new steel components.
- Sandblasting and painting/coating existing and new components.
- Implementing biological control measures/BMPs.
- Dewatering approximately 700,000 gallons from the force mains.
- Apply chemical injection grout inside manhole.
- Abandon one existing force main manhole.
- Clean-up of oil substance inside manhole.
- Removing and replacing one concrete flat slab top, access hatch, and vent piping.

All work related to this Task Order shall be coordinated through the District's Project Manager, Andrew Baile.

3. CONSTRUCTION MANAGER'S SCOPE OF SERVICES

Construction Manager shall provide the following specific services.

Task 1: Pre-Construction Services

Construction Manager shall perform the following, as required:

- Review the plans, specifications, environmental documents, and other applicable documents.

- Prepare and conduct a coordination meeting with the District and District's Design Consultant to review project information.
- Prepare an internal construction management Quality Control Plan (QCP) plan. The plan will include general project authority, communications, and project documentation guidelines.
- Create project records files based on the District's Filing that will be passed onto the District once the project is completed. Maintain the project records on a regular basis such that the records are organized and complete.
- Establish a photo and video record for the project site to document pre-construction conditions.

Task 2: Construction Field Inspection and Management

Construction Manager shall perform the following:

Construction Administration

- Coordinate construction activities with the District, Design Consultant, Contractor, subconsultants, and other stakeholders.
- Utilize the District's Project Management Software, Projectmates, to maintain a system for tracking all correspondence and documents on the projects.
- Notify the District immediately of any errors or omissions in the contract documents and coordinate corrections with the Design Consultant.

Safety

- Verify Contractor enforcement of safety and health standards for construction activities. Regularly attend Contractor tailgate safety meetings.
- Perform periodic construction site safety reviews.
- Report accidents to appropriate authorities promptly. It is understood that District's Contractors are responsible for the projects' safety at all times throughout the contract.
- Construction Management Staff shall adhere to current Alameda County Health Department and District mandated COVID-19 Safety Protocols.

Meetings

- Prepare the agenda for the progress meetings and other construction meetings required during the projects. Construction meetings shall generally be held weekly. Other construction meetings shall be scheduled as needed which may include submittal reviews, critical activity coordination, schedule reviews, change orders, and startup and testing.
- Facilitate and prepare meetings' record of discussions and distribute to attendees promptly.

- Outside Agency Coordination: Contractor shall obtain necessary permits. Construction Manager shall coordinate with outside agencies and review Contractor's compliance with permit requirements.
- Private Property Coordination: Contractor shall coordinate contractor work with the private properties identified in the project documents

Submittals

- Review submittals and check the submittals for general conformity with the Contract requirements prior to being sent to the District and Design Consultant for review. If obvious deficiencies are apparent in the submittal, Construction Manager shall send submittal back to the Contractors for correction.
- Review comments on submittals to determine if additional follow up is required with the contractors is warranted and to identify prospective scope changes.
- Maintain a log for submittals. Construction Manager shall track timely and efficient processing and responses.

Requests for Information (RFI)

- Establish and coordinate the system to process RFIs received from the Contractors and determine if the request is valid; if not, Construction Manager shall return the RFI to the Contractors. Copies of RFI correspondence that may result in a Change Order, including initial requests and subsequent responses, will be flagged.
- Construction Manager shall, with the assistance of the District and the Design Consultant, interpret plans and specifications. If further design work or modifications to the contract documents are required, assist in directing the modifications and provide an appropriate contract change order for authorization by the District.
- Provide a response to any administrative and/or general RFIs. Construction Manager shall route all design related RFIs to Designer (and copy the District) for review and response.
- Construction Manager shall review Designer's response to confirm it answers the question and does not constitute a material change before transmitting back to the Contractor.
- Items that that Construction Manager believes constitute a change shall be transmitted to the Contractor along with a Request for Quote (RFQ).
- Maintain a log for RFIs. Construction Manager shall track timely and efficient processing and responses.

Change Orders

- Negotiate extra work with the Contractor while always keeping the District involved. Contractor shall prepare estimates for extra work to support change order costs.
- Prepare independent cost estimate and/or review the acceptability of the Contractor's cost proposal for each change request.

- In the event that the Contractor encounters a time sensitive problem, Construction Manager shall issue a field order. All work done under a field order shall be completed on a time and material basis. Construction Manager shall advise the District of the issuance of the field order, and the District shall review and authorize Construction Manager to execute the Field Order.
- Maintain daily extra work bills, quantity measurements, or such other information as is necessary to document the payment to the Contractor for the extra work completed as unit cost, lump sum, or force account.
- If the Contractor submits a potential claim or other dispute, Construction Manager shall immediately notify the District. In cooperation with the District, Construction Manager shall evaluate and work to resolve the issue in the field and prior to post-construction
- Prepare change orders for authorization by the District.

Field Quality Control

- Provide daily observation of the Contractors' work with appropriately trained and qualified field staff to verify that the work substantially complies with the contract documents and accept or reject the Contractor's work as applicable. Field staff shall be comprised of the Resident Engineer, Structure Representative, Construction Inspector, material inspectors/ testers, and other appropriate staff as needed.
- Prepare daily inspection reports. Daily records will contain progress of the project, weather history, Contractor's activities, the number of workers on site, problems encountered, and other relevant information. District to have access to daily reports.
- Photograph the construction daily to document Contractor activities, barricade placement, disputed work items, rejected, replaced, or removed items, completed work, and extra work.
- Maintain a set of red-line plans to be provided to the District for "As-built" plans and note all changes to this set as they occur.
- Monitor the Contractor's record documents monthly to confirm they are being maintained as required by the Contract.
- Special Inspections: Construction Manager shall contract with specialty firms to furnish special inspections for welding and coatings, as required by the Project.

System Outages and Shutdowns

- Facilitate/coordinate system shutdowns and startups, that are requested by the Contractor and executed/supported by the District.
- Review the Contractor's System Outage/System Startup (SOSR) requests before forwarding to the District for approval. Construction Manager shall assist with the coordination/communication between the Contractor and District's field staff to successfully implement a system outage/startup.

Schedule Review

- Review the Contractor's initial Baseline schedule submittal to determine it conforms with the Contract Documents, including specified sequence and constraints, shows completion by contract Substantial Completion date, and contains no major conflicts and provide review comments.
- Review, monitor, and document changes to the Contractors' schedules and provide written comments as necessary.
- Construction Manager shall review and coordinate with the Contractors monthly schedule updates for critical path activities.

Progress Payments

- Review and approve the initial cost breakdown (Schedule of Values) prepared by the Contractor.
- Review progress payment applications prepared by the Contractors including computing and field verifying pay quantities pursuant to the Contract Documents and the California Public Contract Code.
- Prepare the summary cover sheet for the progress payments which will be executed by the Construction Manager, the Contractors, and the District.

Corrective Work Item List

- Maintain a Corrective Work Item List through the project for all noted non-conforming items that shall be transmitted to the Contractor regularly. Items shall be removed from the list after Construction Manager has confirmed they have been completed.
- Attend a project walk through with District and Contractor personnel to establish a "corrective action" of items of work that are not satisfactory.

Substantial Completion

- When the Contractor has met the contract requirements for Substantial Completion, Construction Manager shall prepare a Certificate for execution by the District and the Contractor. The Substantial Completion Certificate shall include the Punchlist as an attachment.
- Punchlist: Construction Manager with input from Designer and District, shall prepare the list of outstanding deficiencies and issue them as a punchlist

Final Inspection

- Attend a final project walk-through with District and Contractor personnel to determine that all "punch list" items of work have been completed.
- Perform final observation of the project upon completion to confirm substantial conformity with contract documents.

Task 3: Post-Construction Services

Construction Manager shall perform the following as required during this task:

- Compute the final quantities and prepare the final estimate of cost.
- Determine quantity over-runs and under-runs and provide explanation of each, as needed.
- Prepare the Proposed Final Estimate for Contractor agreement.
- Draft and assemble the Final Report of Expenditures, including Change Order Summary, Liquidated Damages/Contractors' Claims Report, Materials Certificate, Report of Completion of Structures, and such other forms and reports as may be required for the District.
- Finalize black-line as-built plans to develop "Final As-built" drawings.
- Resolution of Contract Claims: Assist the District to resolve claims and disputes to minimize impacts to the project. If a potential claim cannot be resolved during the construction phase, it becomes a claim. If the claim cannot be immediately resolved, Construction Manager shall recommend alternative actions to the District for consideration.
- Prepare necessary District documentation recommending acceptance of the completed work by the Board.
- Turnover project documentation to the District after completion of the project.

4. DELIVERABLES

Task 1 – Pre-Construction Phase

- Monthly progress reports.
- List of anticipated contractor submittals

Task 2 – Construction Phase

- Status meeting notices, agendas, handouts/exhibits, and minutes
- Project schedules and project master files
- Daily work diaries
- Daily, weekly, monthly, etc. CM reports
- Negotiate and prepare contract change orders
- Prepare monthly quantities and progress payments
- Review contractor submittals, work plans, etc.
- Record of as-built changes for final as-built drawings
- Corrective Action Items
- Punch lists

Task 3 – Post-Construction Services

- Final quantities and proposed final estimate

- Explanation of quantity under/over-runs, as needed
- Proposed final estimate
- Draft Final Report of Expenditures (District to complete and submit)
- Record as-built changes for final as-built drawings
- Hard copy project records ready for archiving

5. PAYMENT TO THE CONSTRUCTION MANAGER

Payment to the Construction Manager shall be as called for in Article 2 of the Agreement. The billing rate schedule is equivalent to an overall labor multiplier of 2.672 for office staff, and 2.672 for field staff, including profit. Subconsultants and outside services will be billed at actual cost plus 5%; other direct costs will be billed at actual cost; and mileage will be billed at prevailing IRS standard rate.

Total charges to the DISTRICT for Task Order No. 1 not-to-exceed amount shall be \$494,790. A summary of the anticipated distribution of cost and manpower over the project duration is shown in Exhibit A.

The following table summarizes the task orders and amendments under the Agreement:

Task Order / Amendment	Not to Exceed Amount	Board Authorization Required?	District Staff Approval
Task Order No. 1 - Construction Management Services	\$494,790	Yes	Paul R. Eldredge
Total	\$494,790		

6. TIME OF COMPLETION

Anticipated schedule for completion of Construction Manager's scope of services is summarized as follows:

- Notice to Proceed (NTP): April 26, 2022
- Complete Construction Closeout Activities: January 31, 2023

7. KEY PERSONNEL

Engineer's personnel assigned for this Task Order No. 1 are as follows:

Key Person to be Assigned

Mike Hagerty

Stephen Schork

Joe Lockwood

Role

Principal

Construction Manager

Inspector

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

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

DISTRICT

CONSTRUCTION MANAGER

UNION SANITARY DISTRICT

QUINCY ENGINEERS, INC.

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

By: _____
Jason Jurrens
California Regional Manager

Date: _____

Date: _____

EXHIBIT A - Task Order No. 1
 Fee Table
 Construction Management and Inspection Services
 Irvington Basin Reinforced Concrete Pipe Rehabilitation Project
 Force Main Corrosion Repairs Project - Phase 3

Role	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Total Hours	Hourly Rate	Sub Markup	Cost
Principal in Charge	3	1	1	1	1	1	1	1	1	1	12	\$ 257		\$ 3,083
Resident Engineer	38	63	69	69	66	72	66	66	69	40	618	\$ 225		\$ 138,945
Inspector	68	176	176	168	184	176	168	176	176	40	1508	\$ 168		\$ 253,857
2nd Inspector	0	24	92	92	88	96	88	0	0	0	480	\$ 168		\$ 80,803
Project Manager Assistant	4	2	2	2	2	2	2	2	2	2	22	\$ 107		\$ 2,352
Subtotal Quincy Hours	113	266	340	332	341	347	325	245	248	83	2640			\$ 479,040
SubConsultant														
Welding/Coating Inspection	\$ -	\$ -	\$ -	\$ 5,000	\$ -	\$ 5,000	\$ 5,000	\$ -	\$ -	\$ -			\$ 750	\$ 15,750
Projected Monthly Invoice	\$ 21,189	\$ 48,303	\$ 61,099	\$ 65,002	\$ 61,098	\$ 67,697	\$ 63,655	\$ 44,937	\$ 45,612	\$ 16,198		Total Budget		\$ 494,790

**Directors**

Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

Officers

Paul R. Eldredge
*General Manager/
District Engineer*

Karen W. Murphy
Attorney

APRIL 25, 2022
BOARD OF DIRECTORS MEETING
AGENDA ITEM # 10

TITLE: Consider a Resolution to Accept the Construction of the Calcium Thiosulfate Chemical Feed System Project from D. W. Nicholson Corporation (*This is a Motion Item*)

SUBMITTED: Paul R. Eldredge, General Manager/District Engineer
Raymond Chau, Technical Services Work Group Manager
Allan Briggs, Interim CIP Team Coach
Kevin Chun, Associate Engineer
Blake Ehlers, Assistant Engineer

Recommendation

Staff recommends the Board consider a resolution to accept the construction of the Calcium Thiosulfate Chemical Feed System Project (Project) from D. W. Nicholson Corporation (DWN) and authorize recordation of a Notice of Completion.

Discussion

On November 9, 2020, the Board awarded the construction contract for the Project to DWN in the amount of \$624,100. Staff issued the Notice to Proceed to DWN on December 1, 2020. The 210-day project was scheduled to be completed on June 28, 2021. The Project experienced delays due to COVID, equipment fabrication issues, startup issues, and design changes. DWN completed the Project on February 28, 2022.

Contract Change Orders

The Project included 7 contract change orders (CCOs) in the amount of \$27,526, which is approximately 4.4 percent of the original contract amount of \$624,100. A list of the CCOs is included in the attached Table 1. CCO No. 7 was the most notable CCO.

CCO No. 7 was in the amount of \$18,030 and granted a non-compensable time extension of 245 calendar days. The CCO included multiple issues with the equipment. The pump equipment delivery was substantially delayed due to manufacturing issues related to COVID. There were design changes to the chemical piping and instrumentation that were initiated by USD to improve operation of the chemical pump system. There were also changes to the pump controls that were implemented by DWN to address equipment operational issues that delayed system startup and testing.

The above issues resulted in the Project being delayed, and CCO No. 7 provided a negotiated settlement amount and a non-compensable time extension to DWN's contract to revise the Project's substantial completion date to February 28, 2022.

Background

The final effluent from the Alvarado Wastewater Treatment Plant is discharged through the East Bay Dischargers Authority (EBDA) outfall system. However, during peak wet weather flow events, the District's ability to send final effluent to the EBDA system is dependent on the discharge flows from the other EBDA member agencies and the District's contracted capacity in the system. The District also has the option to discharge final effluent to the Old Alameda Creek should capacity in the EBDA outfall system become limited.

The Old Alameda Creek is located west of the Alvarado WWTP (See Figure 1 – Site Plan), and the emergency outfall pipeline leaves the Alvarado WWTP northwest of the Covered Storage Building. The National Pollution Discharge Elimination System (NPDES) permit requires the District to de-chlorinate the final effluent prior to discharging to the Old Alameda Creek. The District has utilized the previous chemical pump system to dose calcium thiosulfate into the final effluent discharged to the Old Alameda Creek, but the system was limited in its capacity due to the low storage volume of calcium thiosulfate.

With the construction of the new chemical storage and pump system, the Plant can handle higher and more frequent final effluent discharges to the Old Alameda Creek with improved dosing controls and increased accuracy. The improvements were implemented in two projects. The first project, Calcium Thiosulfate Chemical Tank Project, was completed in February 2020, and it included the installation of a chemical storage tank on a newly constructed concrete pad. The second project, Calcium Thiosulfate Chemical Feed System Project, included the installation of new chemical pumps, piping, electrical, instrumentation, and controls for a complete and functional chemical storage and pump system for the Plant's final effluent de-chlorination process.

Project Scope

The combined scope of both projects included the following improvements:

- Installation of one double wall 6,650-gallon polyethylene storage tank.
- Construction of a concrete pad and associated conduits and piping, site demolition, and restoration work.
- Installation of two Milton Roy diaphragm pumps, including all local control panels, variable frequency drives, piping, valves, flowmeters, fittings, conduits and supports, wiring, instrumentation, and appurtenances.
- Installation of one sump pump, including all associated piping, controls, conduits and supports, wiring, and appurtenances.
- Installation of a tank level sensor, eyewash stations, and recycled and potable water piping.
- Construction of electrical duct banks and an overhead utility support structure.

Figure 1 shows the site plan and location of the improvements. Figure 2 shows the existing calcium thiosulfate chemical feed system. Figures 3 through 6 show the improvements from both projects.

Previous Board Action

October 14, 2019, the Board awarded the construction contract for the Calcium Thiosulfate Chemical Tank Project to DWN in the amount of \$257,000.

February 10, 2020, the Board accepted the construction for the Calcium Thiosulfate Chemical Tank Project from DWN.

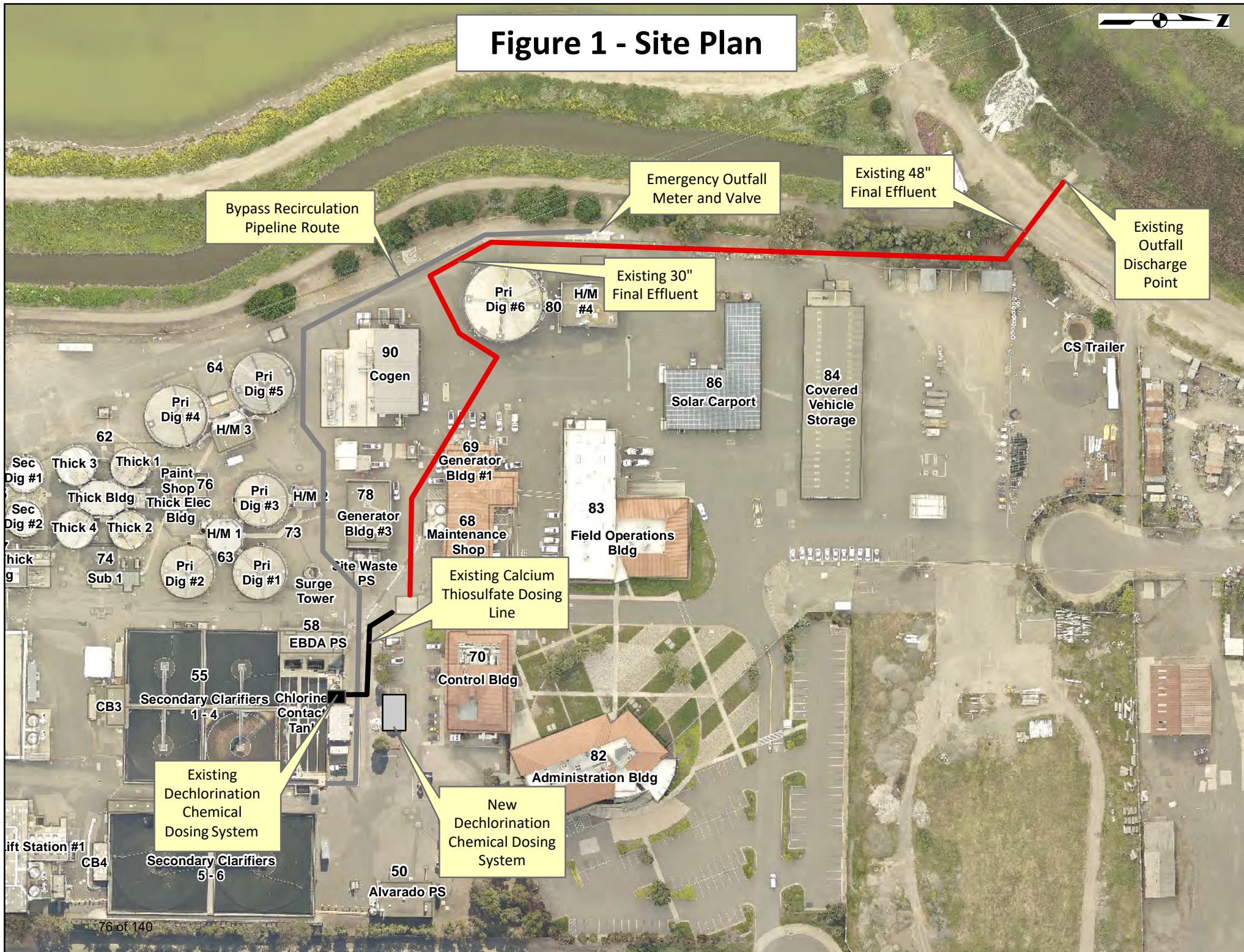
November 9, 2020, the Board awarded the construction contract for the Calcium Thiosulfate Chemical Feed System Project to DWN in the amount of \$624,100.

November 9, 2020, the Board authorized the General Manager to execute Task Order No. 2 with Lee and Ro, Inc. in the amount of \$37,031 to provide engineering services during construction of the Calcium Thiosulfate Chemical Feed System Project.

PRE/RC/AB/KC/BE;mb

Attachments: Figure 1 – Site Plan
Figure 2 thru 6 – Photos
Table 1 – CCO Summary
Resolution
Notice of Completion

Figure 1 - Site Plan





Existing chemical
storage tank

Existing calcium
thiosulfate chemical pump

FIGURE 2 – Existing Calcium Thiosulfate Chemical Feed System



FIGURE 3 – Improvements from the Calcium Thiosulfate Chemical Tank Project (First Project)



FIGURE 4 - New Calcium Thiosulfate Feed System Facility Looking West



FIGURE 5 - New Calcium Thiosulfate Feed System Facility Looking South



FIGURE 6 - Overhead Utility Support Structure

Table 1
Calcium Thiosulfate Chemical Feed System Project
Contract Change Order Summary

No.	Title	Amount
1	Revisions to Sump Pump and Light Poles	\$ 351
2	Revisions to Plant Drain Line	\$ 3,911
3	Revisions to Overhead Conduit Structure	\$ 1,577
4	Revisions to CTS Pump Power/Signal Conductors	\$ 3,390
5	Revision of Existing CTS Facility Disconnection and Demolition	\$ (1,200)
6	Discharge Piping Revisions	\$ 1,467
7	Non-compensable Time Extensions	\$ 18,030
	Total	\$ 27,526
	% Change Order (\$624,100 Contract Amount)	4.4%

RESOLUTION NO. ____

**ACCEPT CONSTRUCTION OF THE
CALCIUM THIOSULFATE CHEMICAL FEED SYSTEM PROJECT
LOCATED IN THE CITY OF UNION CITY, CALIFORNIA
FROM D.W. NICHOLSON CORPORATION**

RESOLVED, by the Board of Directors of the UNION SANITARY DISTRICT that it hereby accepts the Calcium Thiosulfate Chemical Feed System Project from D.W. Nicholson Corporation, effective April 25, 2022.

FURTHER RESOLVED: That the Board of Directors of the UNION SANITARY DISTRICT authorize the General Manager/District Engineer, or his designee, to execute and record a "Notice of Completion" for the Project.

On motion duly made and seconded, this resolution was adopted by the following vote on April 25, 2022:

AYES:

NOES:

ABSENT:

ABSTAIN:

PAT KITE
President, Board of Directors
Union Sanitary District

Attest:

MANNY FERNANDEZ
Secretary, Board of Directors
Union Sanitary District



**RECORDING REQUESTED BY
AND WHEN RECORDED
RETURN TO:**

**Regina McEvoy
Union Sanitary District
5072 Benson Road
Union City, CA 94587**

NO RECORDING FEE – PER GOVERNMENT CODE SECTIONS 6103 & 27283 (R&T Code 11911)

NOTICE OF COMPLETION

NOTICE IS HEREBY GIVEN by the **UNION SANITARY DISTRICT**, Alameda County, California, that the work hereinafter described, the contract for the construction of which was entered into on November 10, 2020, by said District and **D.W. NICHOLSON CORPORATION**, 24747 Clawiter Road, Hayward, CA 94545, Contractor for the Project, “Calcium Thiosulfate Chemical Feed System Project,” was substantially completed on February 28, 2022, and accepted by said District on April 25, 2022.

The name and address of the owner is the **UNION SANITARY DISTRICT**, at 5072 Benson Road, Union City, CA 94587.

The estate or interest of the owner is: FEE SIMPLE ABSOLUTE.

The description of the site where said work was performed and completed is the Union Sanitary District’s Alvarado Wastewater Treatment Plant, located at 5072 Benson Road, City of Union City, County of Alameda, State of California.

The undersigned declares under penalty of perjury that the foregoing is true and correct.

Executed on _____ at UNION CITY, CALIFORNIA.

PAUL R. ELDREDGE, P.E.
GENERAL MANAGER/DISTRICT ENGINEER
UNION SANITARY DISTRICT

**Directors**

Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

Officers

Paul R. Eldredge
*General Manager/
District Engineer*

Karen W. Murphy
Attorney

**APRIL 25, 2022
BOARD OF DIRECTORS MEETING
AGENDA ITEM # 11**

TITLE: Review and Approve Proposed Changes to Policy No. 3040, Boardmember Compensation (*This is a Motion Item*)

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

Recommendation

Review and approve proposed changes to Board Policy No. 3040, Boardmember Compensation.

Discussion

Board Policy No. 3040 sets forth the limits and process for setting Board compensation. Staff has reviewed the Policy and proposed minor edits and updated formatting.

Background

Policy No. 3040 is scheduled to be reviewed by the General Manager and Human Resource Manager, and approved by the Board, every three years.

Previous Board Action

March 26, 2018, Board Meeting – Board Approval of Ordinance No. 44 and Policy No. 3040, Boardmember Compensation

Attachments: Policy No. 3040 Boardmember Compensation – Redline Edits
Policy No. 3040, Boardmember Compensation – Proposed Edits Accepted

Union Sanitary District
Policy and Procedure Manual

Effective: 4/17/18	Boardmember Compensation Limits	Policy Number 3040 Page 1 of 2
--------------------	--	-----------------------------------

Formatted: Font: (Default) +Body (Calibri)

Formatted: Indent: Left: 0.29", Tab stops: 2.86", Left

Formatted: Font: (Default) +Body (Calibri)

Policy

Boardmembers will be compensated in accordance with Union Sanitary District Ordinance No. 44 as adopted October 23, 2000, and amended ~~on~~ March 26, 2018. Compensation is based upon Section 6489 of the Health and Safety Code of the State of California, effective January 1, 1987, as amended in 2005.

Formatted: Font: (Default) +Body (Calibri)

Purpose

To publicly state the amount of compensation received for meeting attendance by Boardmembers and to provide for future changes in compensation limits.

Formatted: Font: (Default) +Body (Calibri)

Definitions

Allowable meetings Defined in the "Boardmember Meetings Compensated" Policy No. 3050

Formatted: Font: (Default) +Body (Calibri)

Procedure

In accordance with Union Sanitary District No. Ordinance 44, as may be amended, beginning January 1, 2003, the basis for compensation will be \$212.10 for each day of service, up to six days per month maximum.

Formatted: Font: (Default) +Body (Calibri)

The Board will review Director Compensation on an annual basis during a regularly scheduled public meeting of the Board of Directors. Any annual increase will go into effect on July 1, or at a later date as may be stipulated by the Board. For purposes of scheduling, review of the Director Compensation shall be conducted at a regularly scheduled Board meeting in April or May so any changes can be included in the annual operating budget.

Director Compensation may be increased by no more than the lesser of: (a) the same percentage as the increase in the salaries of the classified employees as agreed to in the current union/management Memorandum of Understanding; or (b) an amount equal to five percent for each calendar year following the operative date of the last adjustment, or such other amount as may be permitted pursuant to Health and Safety Section 6489.

Formatted: Font: (Default) +Body (Calibri)

Management Responsibility

The General Manager will be responsible for reviewing and approving Boardmembers' time

sheets for consistency with this policy, and for scheduling an annual review of the Boardmember compensation for meetings prior to July 1 each year.

Board of Directors Responsibility

The Board of Directors will annually review Ordinance 44 and Director Compensation during a regular Board meeting, in open session, and determine if any action will be taken.

Administrative Information

~~Supersedes Policy Dated October 1995, and previous versions and revisions dated August 7, 1992, November 26, 1990, and September 8, 1986 (Resolution 1807) November 26, 1990.~~

Ordinance ~~No. 44~~ was Adopted by the Board of Directors October 23, 2000, and amended ~~on~~ March 26, 2018.

Approved by:	Board of Directors
Author/Owner:	General Manager/Human Resources Manager
Notify Person:	General Manager
Revision Frequency:	Every 3 Years
Next Review:	April 2024 April 2025

Formatted: Font: (Default) +Body (Calibri)

Formatted: Font: (Default) +Body (Calibri)

Formatted: Font: (Default) +Body (Calibri)

Formatted: Font: (Default) +Body (Calibri)

Formatted: Font: (Default) +Body (Calibri)

Union Sanitary District
Policy and Procedure Manual

Effective:	Boardmember Compensation	Policy Number 3040 Page 1 of 2
------------	---------------------------------	-----------------------------------

Policy

Boardmembers will be compensated in accordance with Union Sanitary District Ordinance No. 44 as adopted October 23, 2000, and amended March 26, 2018. Compensation is based upon Section 6489 of the Health and Safety Code of the State of California, effective January 1, 1987, as amended in 2005.

Purpose

To publicly state the amount of compensation received for meeting attendance by Boardmembers and to provide for future changes in compensation limits.

Definitions

Allowable meetings Defined in the "Boardmember Meetings Compensated" Policy No. 3050

Procedure

In accordance with Union Sanitary District No. Ordinance 44, as may be amended, beginning January 1, 2003, the basis for compensation will be \$212.10 for each day of service, up to six days per month maximum.

The Board will review Director Compensation on an annual basis during a regularly scheduled public meeting of the Board of Directors. Any annual increase will go into effect on July 1, or at a later date as may be stipulated by the Board. For purposes of scheduling, review of the Director Compensation shall be conducted at a regularly scheduled Board meeting in April or May so any changes can be included in the annual operating budget.

Director Compensation may be increased by no more than the lesser of: (a) the same percentage as the increase in the salaries of the classified employees as agreed to in the current union/management Memorandum of Understanding; or (b) an amount equal to five percent for each calendar year following the operative date of the last adjustment, or such other amount as may be permitted pursuant to Health and Safety Section 6489.

Management Responsibility

The General Manager will be responsible for reviewing and approving Boardmembers' time sheets for consistency with this policy, and for scheduling an annual review of the Boardmember compensation for meetings prior to July 1 each year.

Board of Directors Responsibility

The Board of Directors will annually review Ordinance 44 and Director Compensation during a regular Board meeting, in open session, and determine if any action will be taken.

Administrative Information

Ordinance No. 44 was Adopted by the Board of Directors October 23, 2000, and amended March 26, 2018.

Approved by:	Board of Directors
Author/Owner:	General Manager/Human Resources Manager
Notify Person:	General Manager
Revision Frequency:	Every 3 Years
Next Review:	April 2025

**Directors**

Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

Officers

Paul R. Eldredge
*General Manager/
District Engineer*

Karen W. Murphy
Attorney

**APRIL 25, 2022
BOARD OF DIRECTORS MEETING
AGENDA ITEM # 12**

TITLE: Review and Approve Proposed Changes to Policy No. 3050, Boardmember Meetings Compensated (*This is a Motion Item*)

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

Recommendation

Review and approve proposed changes to Board Policy No. 3050, Boardmember Meetings Compensated.

Discussion

Board Policy No. 3050 sets forth a listing of meetings and service eligible for compensation. Staff has reviewed the Policy and proposed minor edits and updated formatting.

Background

Policy No. 3050 is scheduled to be reviewed by the General Manager and the Board every three years.

Previous Board Action

June 26, 2017, Board Meeting – Approval of Board Policy No. 3050, Boardmember Meetings Compensated

Attachments: Policy No. 3050 Boardmember Meetings Compensated – Redline Edits
Policy No. 3050, Boardmember Meetings Compensated – Proposed Edits Accepted

Union Sanitary District
Policy and Procedure Manual

Effective: June 26, 2017	Boardmember Meetings/Service Compensated	Policy Number 3050 Page 1 of 3
--	---	---------------------------------------

Formatted: Font: (Default) Calibri

Policy

- Boardmembers may be compensated for each day's attendance at meetings of the Board and for each day's service rendered as a Director by request of the Board of Directors, not to exceed six days in a calendar month.

Formatted: Left, Tab stops: 0.06", Left

Purpose

Recognizing that Boardmembers are required to attend many meetings and have other duties, this policy sets forth a listing of which meetings and service will be compensated.

Eligibility for Compensation

Meetings or events for which attendance may be compensated are as follows:

1. Regular and special Board meetings, work sessions, retreats, and Union Sanitary District open houses.
2. Board Committee meetings, including any Board-appointed Ad Hoc Committees.
3. CASA meetings and CASA committee meetings.
4. Classes and training as required by the Government Code.
5. Attendance at educational conferences, meetings, seminars, and workshops conducted by CASA, CSDA, CWEA, East Bay Economic Development Alliance, EPA, NACWA, Special District and Local Government Institute, WEF, and WateReuse. These do not require prior approval by the Board of Directors.
6. Other seminars or formal education courses designed to improve, enhance, or expand the Director's knowledge of his/her duties, or of District business, as approved by the Board of Directors.
7. Meetings with Boards, commissions, or staff of Federal, State, City, County, regulatory, joint powers authority, or other public agencies while representing the District or as requested by the General Manager.

8. Various nondiscriminatory civic, ethnic, or social organizations where the Boardmember is representing the District, and attends with prior approval by the Board of Directors.
9. Meetings of special interest organizations while representing the District (e.g., Special Districts Associations or County Solid Waste Authority).
10. Meetings with industries or other ratepayers in the service area, with prior notice to the Board of Directors.
11. Testifying in Court or before any agency or Board while representing the District, as approved by the Board of Directors.
12. Meetings with the General Manager, District staff, legal counsel, or other advisors at the request of the General Manager when specifically preparing for a meeting or event when the Boardmember will be representing the District in preparation for litigation or intergovernmental relations.
13. Meetings with legislators or other elected officials when representing the District on a specific topic.
14. Meetings where local government officials present information or solicit input on local government activities, specifically State of the City presentations for Fremont, Newark, or Union City, State of the District for Assembly and Senate within the District's service area, and elected officials summits impacting ~~USD's~~ the District's service area.

Formatted: Font: (Default) Calibri

Procedure

1. With the exception of where noted otherwise above, the following meetings are compensable: Board meetings, Board committee meetings, and attendance at educational conferences, meetings, seminars, and workshops listed in this policy.
2. By the last day of each month, Boardmembers are responsible for notifying the Executive Assistant to the General Manager/Board Clerk of meetings or service events they have attended other than Board meetings, work sessions, retreats, and Board Committee meetings.
3. At the end of each month, the Executive Assistant to the General Manager/Board Clerk will prepare monthly time sheets for meetings or service events attended by Boardmembers.
4. No Boardmember shall be compensated for more than six days in a calendar month.

5. Multiple meetings or events occurring on the same day qualify for one day of compensation only.

Management Responsibility

The General Manager will be responsible for reviewing and approving the time sheets for Boardmembers.

~~This revision supersedes the versions listed below, which are no longer effective.~~

Title	Policy #	Effective Date
Boardmember Meetings Compensated	3050	8/2009
Boardmember Meetings Compensated	3050	8/2012

Approved by: Board of Directors
Author/owner: General Manager
Reviewers: Board of Directors, General Manager
Notify Person: General Manager
Review frequency: Every 3 years
Next Review: ~~June 2020~~ April 2025

Formatted: Font: (Default) Calibri

Union Sanitary District
Policy and Procedure Manual

Effective: <hr/>	Boardmember Meetings/Service Compensated	Policy Number 3050 Page 1 of 3
---------------------	---	---------------------------------------

Policy

Boardmembers may be compensated for each day's attendance at meetings of the Board and for each day's service rendered as a Director by request of the Board of Directors, not to exceed six days in a calendar month.

Purpose

Recognizing that Boardmembers are required to attend many meetings and have other duties, this policy sets forth a listing of which meetings and service will be compensated.

Eligibility for Compensation

Meetings or events for which attendance may be compensated are as follows:

1. Regular and special Board meetings, work sessions, retreats, and Union Sanitary District open houses.
2. Board Committee meetings, including any Board-appointed Ad Hoc Committees.
3. CASA meetings and CASA committee meetings.
4. Classes and training as required by the Government Code.
5. Attendance at educational conferences, meetings, seminars, and workshops conducted by CASA, CSDA, CWEA, East Bay Economic Development Alliance, EPA, NACWA, Special District and Local Government Institute, WEF, and WaterReuse. These do not require prior approval by the Board of Directors.
6. Other seminars or formal education courses designed to improve, enhance, or expand the Director's knowledge of his/her duties, or of District business, as approved by the Board of Directors.
7. Meetings with Boards, commissions, or staff of Federal, State, City, County, regulatory, joint powers authority, or other public agencies while representing the District or as requested by the General Manager.
8. Various nondiscriminatory civic, ethnic, or social organizations where the Boardmember is representing the District and attends with prior approval by the Board of Directors.

9. Meetings of special interest organizations while representing the District (e.g., Special Districts Associations or County Solid Waste Authority).
10. Meetings with industries or other ratepayers in the service area, with prior notice to the Board of Directors.
11. Testifying in Court or before any agency or Board while representing the District, as approved by the Board of Directors.
12. Meetings with the General Manager, District staff, legal counsel, or other advisors at the request of the General Manager when specifically preparing for a meeting or event when the Boardmember will be representing the District in preparation for litigation or intergovernmental relations.
13. Meetings with legislators or other elected officials when representing the District on a specific topic.
14. Meetings where local government officials present information or solicit input on local government activities, specifically State of the City presentations for Fremont, Newark, or Union City, State of the District for Assembly and Senate within the District's service area, and elected officials summits impacting the District's service area.

Procedure

1. With the exception of where noted otherwise above, the following meetings are compensable: Board meetings, Board committee meetings, and attendance at educational conferences, meetings, seminars, and workshops listed in this policy.
2. By the last day of each month, Boardmembers are responsible for notifying the Executive Assistant to the General Manager/Board Clerk of meetings or service events they have attended other than Board meetings, work sessions, retreats, and Board Committee meetings.
3. At the end of each month, the Executive Assistant to the General Manager/Board Clerk will prepare monthly time sheets for meetings or service events attended by Boardmembers.
4. No Boardmember shall be compensated for more than six days in a calendar month.
5. Multiple meetings or events occurring on the same day qualify for one day of compensation only.

Management Responsibility

The General Manager will be responsible for reviewing and approving the time sheets for Boardmembers.

Approved by: Board of Directors

Author/owner: General Manager

Reviewers: Board of Directors, General Manager

Notify Person: General Manager

Review frequency: Every 3 years

Next Review: April 2025

**Directors**

Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

Officers

Paul R. Eldredge
*General Manager/
District Engineer*

Karen W. Murphy
Attorney

APRIL 25, 2022
BOARD OF DIRECTORS MEETING
AGENDA ITEM #13

TITLE: 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
Regina McEvoy, Executive Assistant to the General Manager/Board Clerk

Recommendation

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 due to the ongoing public health threat of COVID-19. The Board adopted resolutions on October 25, 2021, November 8, 2021, November 15, 2021, December 13, 2021, January 10, 2022, January 24, 2022, February 14, 2022, February 28, 2022, March 14, 2022, March 28, 2022, and April 11, 2022, authorizing the use of teleconference meetings. At the Board meeting of March 28, 2022, the Board directed staff to continue scheduling teleconference meeting for committees and to phase-in in-person meetings for the Board for the months of April and May and revisit in-person meetings at the first Board meeting in June. During the phase-in, meetings would continue to be held via teleconference although Board members could attend in-person. The attached resolution includes and reaffirms the findings required by AB 361 to allow the District to continue to hold teleconferenced meetings.

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

4/11/22 Board Meeting – The Board adopted Resolution No. 2962, authorizing the use of teleconference meetings in compliance with AB 361.

3/28/22 Board Meeting – The Board adopted Resolution No. 2960, authorizing the use of teleconference meetings in compliance with AB 361 and directed staff to continue scheduling teleconference meetings for committees and to phase in in-person Board meetings.

3/14/22 Board Meeting – The Board adopted Resolution No. 2958, authorizing the use of teleconference meetings in compliance with AB 361.

2/28/22 Board Meeting – The Board adopted Resolution No. 2957, authorizing the use of teleconference meetings in compliance with AB 361.

2/14/22 Board Meeting – The Board adopted Resolution No. 2954, authorizing the use of teleconference meetings in compliance with AB 361.

1/24/22 Board Meeting – The Board adopted Resolution No. 2953, authorizing the use of teleconference meetings in compliance with AB 361.

1/10/22 Board Meeting – The Board adopted Resolution No. 2948, authorizing the use of teleconference meetings in compliance with AB 361.

12/13/21 Board Meeting – The Board adopted Resolution No. 2945, authorizing the use of teleconference meetings in compliance with AB 361.

11/15/21 Special Board Meeting – The Board adopted Resolution No. 2942, authorizing the use of teleconference meetings in compliance with AB 361.

11/8/21 Board Meeting – The Board adopted Resolution No. 2941, authorizing the use of teleconference meetings in compliance with AB 361.

10/25/21 Board Meeting – The Board adopted Resolution No. 2937, authorizing the use of teleconference meetings in compliance with AB 361.

9/27/21 Board Meeting – The Board directed staff to continue with teleconferenced meetings under AB 361.

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, the Brown Act, Government Code section 54953(e), makes provisions for remote teleconferencing participation in meetings by members of a legislative body, without compliance with the requirements of Government Code section 54953(b)(3), subject to the existence of certain conditions; 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, such conditions now exist in the District; and

WHEREAS, on March 4, 2020, Governor Newsom issued a Proclamation of a State of Emergency in response to the rapid spread of the highly contagious disease known as COVID-19; and

WHEREAS, on August 3, 2021, the Health Officer of the County of Alameda adopted Order No. 21-03 stating that the Delta variant has been circulating in the County, is highly transmissible in indoor settings and requires multi-component prevention strategies to prevent spread, and that hospitalizations are increasing; and

WHEREAS, despite ongoing efforts to promote masking and vaccinations, COVID-19 continues to threaten the health and lives of the public, especially with the existence of the Delta variant, which is highly transmissible in indoor settings, the Omicron variant, which is even more transmissible than the Delta variant, and a new Omicron sub-variant; and

WHEREAS, the increased risk of contracting COVID-19 associated with being indoors with others has caused, and will continue to cause, conditions of peril to the safety of persons within the District that are likely to be beyond the control of services, personnel, equipment, and facilities of the District; and

WHEREAS, on October 25, 2021, the Board adopted Resolution No. 2937, authorizing the use of teleconference meetings in compliance with AB 361; and

WHEREAS, on November 8, 2021, the Board adopted Resolution No. 2941, authorizing the use of teleconference meetings in compliance with AB 361; and

WHEREAS, on November 15, 2021, the Board adopted Resolution No. 2942, authorizing the use of teleconference meetings in compliance with AB 361; and

WHEREAS, on December 13, 2021, the Board adopted Resolution No. 2945, authorizing the use of teleconference meetings in compliance with AB 361; and

WHEREAS, on January 10, 2022, the Board adopted Resolution No. 2948, authorizing the use of teleconference meetings in compliance with AB 361; and

WHEREAS, on January 24, 2022, the Board adopted Resolution No. 2953, authorizing the use of teleconference meetings in compliance with AB 361; and

WHEREAS, on February 14, 2022, the Board adopted Resolution No. 2954, authorizing the use of teleconference meetings in compliance with AB 361; and

WHEREAS, on February 28, 2022, the Board adopted Resolution No. 2957, authorizing the use of teleconference meetings in compliance with AB 361; and

WHEREAS, on March 14, 2022, the Board adopted Resolution No. 2958, authorizing the use of teleconference meetings in compliance with AB 361; and

WHEREAS, on March 28, 2022, the Board adopted Resolution No. 2960, authorizing the use of teleconference meetings in compliance with AB 361; and

WHEREAS, on April 11, 2022, the Board adopted Resolution No. 2962, authorizing the use of teleconference meetings in compliance with AB 361; 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 the continuing public health threat of 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. The Union Sanitary District Board finds and declares that the circumstances set forth in Government Code section 54953(e)(1), exist because the State of Emergency continues to exist and meeting in person would present imminent risks to the health and safety of attendees.

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

(a) The District Board has considered the circumstances of the continuing state of emergency;

(b) The state of emergency continues to directly impact the ability of the members and the public to meet safely in person;

(c) Due to COVID-19, holding meetings in person will present imminent risks to the health and safety to attendees; and

(d) The District Board will continue to meet by teleconference in accordance with Government Code section 54953(e).

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

5. The District Board will reconsider 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.

6. 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.

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

PASSED, APPROVED, AND ADOPTED at a regular meeting of the Board of Directors on this 25th day of April, 2022.

AYES:

NOES:

ABSENT:

Manny Fernandez, Secretary

Pat Kite, President



Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

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

Karen W. Murphy
Attorney

**APRIL 25, 2022
BOARD OF DIRECTORS MEETING
AGENDA ITEM # 13**

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 Union Sanitary District CAL-Card Report details the CAL-Card activity for the third quarter of FY 2022. This covers transactions from the CAL-Card billing period December 23, 2021 through March 22, 2022. During this quarter, we had 225 transactions totaling \$62,760.57.

Attachments: Union Sanitary District CAL-Card Report

Previous Board Action

None.

Union Sanitary District Cal-Card Report

FY22 Q3

JANUARY 2022

Transaction Date	Work Group	Team	Purchase Description	Vendor's Name	Total
12/29/21	FMC	FMC	Moris Power Module	Western Energy	\$2,752.28
12/24/21	CS	ST	Hydraulic Lift	Webstaurant	\$2,281.55
01/12/22	BS	FAST	Covid-19 Antigen Rapid Tests (Qty: 90)	iHealth Labs Inc	\$1,911.20
12/29/21	FMC	FMC	PLC Card for Cogen	Penn Power Group	\$1,275.31
01/18/22	T&D	RST	PT samples - chemistry	ERA	\$1,230.49
01/04/22	FMC	FMC	Seal, Thermostats	Cummins	\$1,044.13
01/19/22	FMC	FMC	Insallation and Eng's Functions Course	Penn State University	\$895.00
01/10/22	T&D	RST	PT samples - microbiology	NSI	\$817.00
01/06/22	BS	FAST	CWEA Job Posting Bundle	CWEA	\$800.00
01/19/22	FMC	ITT	Hyena Maintenance and Support	Systemtools	\$750.00
01/05/22	FMC	FMC	Fall Protection & Forklift Training	Eagle Wings Company	\$700.00
01/05/22	BS	FAST	ISA Job Posting for Instrument Tech/Electrician	Yourmembership.com	\$579.00
01/05/22	FMC	ITT	Webcams for District users	Best Buy	\$564.78
01/12/22	CS	ST	Wheels, Const. Trucks	American Truck	\$534.11
12/29/21	BS	OST	4 jobs/month job posting plan	ZipRecruiter	\$449.00
01/12/22	CS	ST	Sanitizer Sprayer Part	Complete Spray.com	\$390.47
01/12/22	CS	ST	Electric pump, T3342	Kleen-Rite	\$381.42
12/29/21	FMC	FMC	Throttle Linkage for Cogen	Penn Power Group	\$342.36
01/06/22	T&D	RST	WEF Membership Renewal	Water Environment Federation	\$332.00
12/22/21	CS	ST	Truck tool box, T2375	Amazon	\$329.51
01/17/22	FMC	ITT	Zoom for Board Meetings	Zoom	\$325.44
01/19/22	FMC	FMC	CWEA Membership Renewal	CWEA	\$293.00
01/11/22	CS	ST	Air filters, T2374	Amazon	\$274.88
01/19/22	FMC	ITT	Headsets for District users	Best Buy	\$265.77
12/28/21	BS	FAST	APA Membership Renewal	American Payroll Association	\$262.00
01/05/22	T&D	RST	3 Circle Rubber Mats	The Gas Mat	\$202.74
12/22/21	TS	CST	Office Supplies (Desk organizers, pens, keyboard, &	Amazon	\$199.25
01/04/22	TS	ECT	CWEA Membership	CWEA	\$192.00
12/27/21	CS	CT	SSO Emergency Response Preparedness	DKF Solutions Group	\$185.00

Union Sanitary District Cal-Card Report FY22 Q3

Transaction Date	Work Group	Team	Purchase Description	Vendor's Name	Total
01/04/22	CS	CT	CIWQS Training for Data Submitters and Legally Responsible Officials	DKF Solutions Group	\$185.00
01/10/22	FMC	ITT	Microsoft Arc mice for tablet users	Best Buy	\$177.18
01/11/22	FMC	ITT	Headsets for District users	Best Buy	\$177.18
01/06/22	BS	OST	Job posting for Instrument Tech/Electrician	WaterDistrictJobs	\$175.00
01/19/22	BS	OST	Pre-employment background check	QuickSearch	\$167.30
01/04/22	FMC	FMC	Coolant Hoses (Parts for Back-up generator #5)	Peterson Power	\$151.97
01/04/22	CS	ST	Cart Tires	eBay	\$145.73
12/28/21	BS	FAST	CS Roach Bait Plate Stations	DoMyOwn	\$138.11
12/22/21	CS	ST	Car wash soap	Kleen-Rite	\$130.10
12/21/21	BS	FAST	CAPPO Membership Renewal	CAPPO	\$130.00
12/21/21	BS	FAST	NPI Membership Renewal (2022)	NPI	\$130.00
01/13/22	BS	FAST	Annual Cappo Membership	CAPPO	\$130.00
12/29/21	FMC	FMC	Fenwal Thermoswitch	eBay	\$110.75
12/24/21	CS	ST	Drill Bits	Amazon	\$107.20
01/07/22	BS	FAST	Sympathy Flowers	Park Florist	\$103.79
01/03/22	CS	ST	Flowers - Policy #5335	Little Flower Shop	\$100.17
01/20/22	TS	CIP	Pipe Users Group (PUG) 2022 Annual Seminar; Member fee	Pipe Users Group (PUG)	\$100.00
01/13/22	CS	ST	Air filters, T2373	Amazon	\$99.68
01/06/22	FMC	ITT	2 Cisco phone wall mounts	EBay	\$99.56
01/14/22	FMC	FMC	Mech Tech II Cert Renewal	CWEA	\$96.00
01/10/22	FMC	ITT	Headset for District user	Best Buy	\$88.59
01/18/22	FMC	ITT	Headset for District user	Best Buy	\$88.59
01/02/22	BS	FAST	Dish Network Monthly Charge	Dish Network	\$81.04
01/17/22	CS	ST	Headlight Sw., T1382	FH Dailey	\$71.05
01/14/22	TS	CIP	Space Heater (Heat Machine)	Costco Wholesale	\$55.36
01/19/22	FMC	ITT	Mouse	Best Buy	\$44.29
01/10/22	TS	CST	Boosted posts (Ads)	Facebook	\$43.93
12/30/21	CS	ST	Flush cutter, thin wrenches	Amazon	\$37.61
01/14/22	CS	ST	Battery charger timer	Amazon	\$37.60
01/20/22	FMC	FMC	Fast Track Violation Fee	Fastrak	\$25.75

Union Sanitary District Cal-Card Report FY22 Q3

Transaction Date	Work Group	Team	Purchase Description	Vendor's Name	Total
01/05/22	FMC	FMC	Pre-payment for Fastrack toll	Fastrak	\$25.00
12/28/21	CS	ST	Butt connectors	Autozone	\$24.35
01/03/22	FMC	FMC	Gaskets	Cummins	\$18.71
01/17/22	CS	ST	Amazon Prime Membership	Amazon	\$14.39
01/14/22	CS	ST	Dry Erase Board	Office Depot	\$13.27
01/20/22	FMC	FMC	Metric Bolts	Lowes	\$13.00
01/17/22	CS	ST	Dry erase whiteboard	Amazon	\$7.74
01/21/22	TS	CST	East Bay Times Newspaper x3	7-Eleven	\$6.65
				TOTAL:	\$23,911.33
				# OF TRANSACTIONS:	67

FEbruary 2022

Transaction Date	Work Group	Team	Purchase Description	Vendor's Name	Total
02/08/22	CS	ST	Repair DPF, Crane truck	Kelley's Truck Rep	\$1,992.86
02/07/22	CS	CT	City Permit	City of Fremont	\$1,080.00
01/25/22	CS	MTV	Nassco re-certification	NASSCO,Inc	\$1,075.00
02/03/22	CS	ST	Advisor & Beacon, T2269	RV Parts	\$1,031.32
02/01/22	BS	FAST	Ergo office chair	Human Solutions	\$940.27
02/03/22	CS	ST	Advisor & Beacon, T2269	Lampline	\$858.99
02/14/22	T&D	RST	Enterolert and Colilert media (see comment)	IDEXX	\$815.33
01/27/22	FMC	FMC	Chlorine Block	Hach	\$786.98
02/03/22	CS	CT	Department hats	Logo Wear	\$781.85
02/16/22	FMC	FMC	Replacement Batteries for Gen #2	Interstate All Battery Center	\$646.62
01/27/22	BS	FAST	Neck Gaiter	Boathouse	\$620.20
02/15/22	FMC	ITT	Surface Docks for RST	Best Buy	\$575.88
02/17/22	BS	FAST	Gas Sample	Peninsula Messenger Service	\$550.00
02/04/22	CS	ST	Vehicle Decals	The Construction Zone	\$548.08
02/17/22	FMC	ITT	Webcams for EC	Best Buy	\$531.57

Union Sanitary District Cal-Card Report FY22 Q3

Transaction Date	Work Group	Team	Purchase Description	Vendor's Name	Total
01/26/22	TS	CST	Renewal of All Access Webinar Pass for Director	Lorman	\$489.30
01/24/22	BS	FAST	NIGP Annual Renewals	NIGP	\$460.00
02/04/22	CS	ST	Beacon, T1337	Amazon	\$450.74
01/29/22	BS	OST	4 Job/Month Job posting subscription	ZipRecruiter	\$449.00
02/18/22	CS	ST	Janitorial Clean Seal Stickers	Rival Branding, LLC	\$366.00
02/03/22	TS	CST	Renewal of Notary online course, in person exam, supply package, fingerprinting, photo	Notary Learning Center, Inc.	\$350.35
01/28/22	BS	OST	Job posting - TS Manager	National Society of Black Engineer	\$350.00
02/09/22	T&D	RST	TNI partner membership	The NELAC Institute	\$350.00
01/31/22	FMC	FMC	ISA Membership	ISA	\$340.00
02/02/22	BS	OST	Membership renewal	WEF	\$332.00
02/02/22	TS	CIP	Membership Renewal #01615007; valid thru 3/31/23	WEF (Water Environmental Federation)	\$332.00
02/17/22	FMC	ITT	Zoom for Board meetings	Zoom	\$325.44
02/15/22	CS	ST	Clean DPF, T3252	Bay Counties Diesel	\$320.96
01/25/22	BS	OST	2022 CA Labor Law Poster with Poster Protect	Cal Chamber of Commerce	\$319.73
01/27/22	BS	OST	Job posting - TS Manager on Society for Advancement of Chicanos/Hispanics and Native Americans in Sciences	Yourmember-careers	\$309.00
02/04/22	BS	OST	Membership renewal	AWWA	\$302.00
01/25/22	CS	ST	Pressure transmitter, T3345	ebay,Inland Ind	\$298.97
01/28/22	BS	OST	Job posting - TS Manager	CSDA	\$265.00
02/07/22	CS	ST	Coolant Pump	Fremont Chev	\$262.13
02/04/22	FMC	ITT	PrimaViewer Support	PrimaViewer	\$250.00
01/25/22	CS	ST	Pump Sprayer for Sanitizer	Complete Spray.com	\$210.97
01/27/22	BS	OST	Job posting - TS Manager	Brown and Caldwell	\$200.00
01/27/22	BS	OST	Job Posting - Env. Outreach Rep.	Brown and Caldwell	\$200.00
01/25/22	BS	FAST	Paying & Reporting Wages After an Employee Dies Webinar	American Payroll Association	\$199.00
02/09/22	BS	OST	Job Boost - Instrument Tech/ Electrician on ZipRecruiter	NeoGov	\$199.00
02/17/22	FMC	FMC	CWEA Membership Renewal	CWEA	\$192.00
02/17/22	FMC	FMC	CWEA Membership Renewal	CWEA	\$192.00
02/17/22	FMC	FMC	CWEA Membership Renewal	CWEA	\$192.00
01/28/22	BS	OST	Job posting - TS Manager	Water and Wastewater Jobs	\$185.00

Union Sanitary District Cal-Card Report FY22 Q3

Transaction Date	Work Group	Team	Purchase Description	Vendor's Name	Total
01/27/22	BS	OST	Job posting - TS Manager on Society of Hispanic	Yourmember-careers	\$179.00
02/08/22	CS	ST	Brake slack adjuster, T3343	Fleet Pride	\$144.89
02/03/22	FMC	ITT	Camtasia 2022 upgrade for	Techsmith	\$139.99
02/15/22	CS	ST	Brake slack adjuster, T3252	Fleet Pride	\$131.43
02/01/22	FMC	FMC	ISA Membership	ISA	\$130.00
02/03/22	BS	OST	Job Boost - Instrument Tech/ Electrician on Indeed.com	NeoGov	\$130.00
01/27/22	BS	OST	Job boost on govermenmentjobs.com	NeoGov	\$125.00
02/05/22	CS	ST	Battery Tender	Amazon	\$121.72
02/14/22	TS	CIP	Operation of Wastewater Treatment Plants, Vol II, Ed 7 (course & manual)	OWPSACSTATE (Office of Water Programs; Cal State Univ Sacramento)	\$121.55
02/11/22	TS	CST	Postage stamps	USPS	\$118.00
02/07/22	CS	ST	Blinds	Lowe's	\$101.80
01/24/22	CS	ST	Flowers - Policy 5335	Antioch Florist	\$101.51
01/25/22	T&D	RST	ICP pump tubing	Glass Expansion	\$101.00
02/15/22	BS	OST	Purchase livestream and recording for LCW Webinar on SB 114	Liebert Cassidy Whitmore	\$100.00
02/16/22	T&D	RST	Training certificates	The NELAC Institute	\$100.00
02/03/22	BS	OST	Pre-employment background check fee for new IT Analyst	QuickSearch	\$98.55
02/17/22	FMC	FMC	CWEA CSM2 Cert. Renewal	CWEA	\$96.00
02/01/22	FMC	ITT	Wireless mice for District users	Best Buy	\$93.00
02/21/22	CS	ST	Label Maker, Shop	Amazon	\$92.96
01/25/22	TS	CST	Sympathy Flowers	Melissa's Flower Shop	\$89.46
02/02/22	BS	FAST	Dish Network Monthly Charge	Dish Network	\$81.04
02/01/22	FMC	FMC	Oil Analysis Kits	SGS	\$78.00
01/27/22	TS	CST	Reamer	Toolfetch	\$76.40
02/14/22	CS	ST	ABS parts for 70	Home Depot	\$74.81
02/08/22	FMC	FMC	Tools	Lowe's	\$67.51
02/17/22	FMC	ITT	Wireless mice for District users	Best Buy	\$66.42
02/10/22	TS	CST	Boosted posts (Ads)	Facebook	\$57.25
01/27/22	CS	ST	Pinesol	Smart & Final	\$55.33
02/03/22	BS	OST	Featured Job on CSDA for TS Manager job posting	Naylor.com	\$50.00

Union Sanitary District Cal-Card Report FY22 Q3

Transaction Date	Work Group	Team	Purchase Description	Vendor's Name	Total
02/11/22	CS	ST	ABS parts for 70	Lowes	\$45.58
01/27/22	CS	ST	HVAC Motor, T1267	Autozone	\$44.29
01/27/22	CS	ST	HVAC Motor, T1267	Autozone	\$44.29
02/09/22	CS	ST	Headlights, Crane truck	Autozone	\$44.28
02/14/22	CS	ST	ABS parts for 70	Home Depot	\$38.71
02/16/22	FMC	FMC	Jenbacher Gapping Pilot 0.011"	Gateway Products Group	\$31.74
02/03/22	FMC	ITT	Mouse pads for District users	Best Buy	\$22.11
02/10/22	CS	ST	Access Panel	Lowes	\$19.91
02/04/22	T&D	RST	RAE Systems Ext Filter	Premier Safety	\$18.38
02/21/22	CS	ST	Amazon Prime Membership	Amazon	\$14.39
02/03/22	CS	ST	Credit	Fleet Pride	-\$57.59
02/06/22	TS	CST	Credit for in person notary renewal course fee not needed	Notary Learning Center, Inc.	-\$70.00
01/24/22	BS	FAST	Credit for NIGP Membership	NIGP	-\$126.68

TOTAL: **\$24,519.57**
OF TRANSACTIONS: **86**

MARCH 2022

Transaction Date	Work Group	Team	Purchase Description	Vendor's Name	Total
03/08/22	CS	ST	Traffic Signs for Warehouse Stock	The Construction Zone	\$865.79
03/08/22	FMC	FMC	Vibration sensors	PCB Pieztronics	\$826.01
03/04/22	CS	ST	Vacuum	Neato Robotics	\$598.05
03/04/22	T&D	RST	Microbiology media and supplies	IDEXX	\$565.46
03/02/22	FMC	ITT	Webcams for District users	Best Buy	\$531.57
02/24/22	FMC	ITT	Portable hard drives for IT	Best Buy	\$509.43
02/23/22	CS	ST	Repair DPF, Trk T3252	Kelly's Truck Repair	\$506.90
03/16/22	BS	OST	250 custom questions; purchase additional credits for editor.	eSkill	\$500.00

Union Sanitary District Cal-Card Report FY22 Q3

Transaction Date	Work Group	Team	Purchase Description	Vendor's Name	Total
02/28/22	BS	OST	4 job posting plan	ZipRecruiter	\$449.00
02/23/22	TS	CIP	CWEA Professional Membership	WEF (Water Environmental Federation)	\$332.00
03/10/22	FMC	FMC	Fischer & Porter Flow Meter	Ebay	\$330.89
03/18/22	FMC	ITT	Zoom for Board meetings	Zoom	\$325.44
03/17/22	CS	ST	CSW3 Certification & Membership	CWEA	\$293.00
03/02/22	T&D	RST	Trace Metals standard	ERA	\$284.33
03/07/22	CS	ST	Camera Monitor, T2355	Amazon	\$272.35
03/11/22	CS	ST	Camera Monitor, T2374	Amazon	\$268.75
03/04/22	FMC	FMC	Water Heater for Paint Shop	The Home Depot	\$267.88
02/24/22	FMC	FMC	WEF Membership Renewal	WEF	\$267.00
02/24/22	FMC	FMC	WEF Membership Renewal	WEF	\$267.00
02/24/22	FMC	FMC	WEF Membership Renewal	WEF	\$267.00
03/13/22	T&D	RST	Trace Metals standards	Environmental Express	\$264.10
03/02/22	CS	ST	Pressure washer service	Marlen Supply	\$244.19
03/01/22	BS	FAST	SHRM Membership	Society for Human Resource	\$229.00
03/01/22	BS	FAST	SHRM Membership	Society for Human Resource	\$229.00
03/04/22	CS	ST	Sanitizer sprayer part	Complete Spray	\$211.05
03/02/22	FMC	FMC	UST Exam Registration Fee for	ICC Safe	\$198.00
03/14/22	FMC	FMC	CWEA Membership Renewal for	CWEA	\$192.00
03/15/22	TS	CST	Renewal of Annual Membership	CWEA	\$192.00
02/22/22	CS	CT	Defensible spill start time & spill volume estimation training	DKF Solutions Group	\$185.00
03/07/22	CS	ST	Webinar - Ultimate Collection Systems Worker	DFK Solutions	\$185.00
03/15/22	FMC	ITT	Mount for Boardroom side projector	CDW-G	\$183.17
03/02/22	FMC	ITT	Wireless keyboards and mouse for District users	Best Buy	\$177.18
03/08/22	FMC	FMC	EBDA Fan Filter Housing	Steven Engineering	\$169.98
03/17/22	CS	ST	Janitorial Supplies	Smart & Final	\$167.79
03/13/22	T&D	RST	Trace Metals standards	Environmental Express	\$165.50
02/23/22	T&D	RST	Pump tubing	Glass Expansion	\$162.00
03/09/22	FMC	FMC	Paint Shop Air Compressor Motor	D&D Compressor Inc.	\$161.17
03/09/22	BS	OST	California Labor & Employment Law Updates Webinar	Assocation of CalGov HR	\$149.00
03/09/22	BS	OST	California Labor & Employment Law Updates Webinar	Assocation of CalGov HR	\$149.00

Union Sanitary District Cal-Card Report FY22 Q3

Transaction Date	Work Group	Team	Purchase Description	Vendor's Name	Total
02/24/22	FMC	ITT	Renewal for the phone system security certificate	Godaddy.com	\$145.80
02/24/22	CS	ST	Timer relay	Del-City	\$143.31
02/24/22	CS	ST	Car wash soap	Kleen-Rite	\$130.33
03/08/22	BS	OST	Utility management class. Manage for Success: Effective Utility Leadership Practices Course Package	OWPSacState	\$119.55
02/27/22	TS	CST	Office Supplies (wireless keyboard and mouse)	Amazon	\$110.68
03/09/22	T&D	RST	Lab Analyst IV cert renewal	CWEA	\$106.00
03/02/22	BS	OST	Job Posting for Assistant Storekeeper @ upward.net	Job Elephant	\$104.00
03/17/22	CS	ST	CSW3 Certification Renewal	CWEA	\$101.00
02/23/22	TS	CST	Sympathy Flowers	Sublime Floral	\$98.49
02/24/22	CS	ST	CSW2 Certification Renewal	CWEA	\$96.00
03/02/22	FMC	ITT	Wireless keyboard and mouse for District user	Best Buy	\$88.59
02/23/22	CS	ST	Blinds	Lowe's	\$86.32
03/05/22	BS	FAST	Dish Network Monthly Charge	Dish Network	\$81.04
03/02/22	CS	ST	Soap Inductor Car Wash Part	Marlen Supply	\$78.54
02/24/22	FMC	ITT	Screwdriver and hex set	Amazon	\$71.29
03/04/22	FMC	ITT	Memory cards for FMC and switch programming cable for IT	Amazon	\$68.40
03/17/22	CS	ST	Sanitizer sprayer part	Complete Spray	\$66.56
03/22/22	CS	ST	Joint compound/parts	Lowe's	\$50.06
03/03/22	TS	CST	Stock photo credits	Bigstock	\$49.00
03/02/22	T&D	RST	Formaldehyde test kit	Chemetrics	\$47.90
03/10/22	TS	CST	Boosted posts (Ads)	Facebook	\$42.74
02/24/22	CS	ST	Palmolive Dish Soap	Walmart.com	\$39.61
03/02/22	T&D	RST	QT comparator	IDEXX	\$38.90
02/24/22	FMC	ITT	Screwdriver set	Amazon	\$35.87
03/17/22	BS	OST	2 trophies (OST Award) for employee recognitions	Crowd Awards	\$34.62
03/03/22	CS	ST	Battery Sw., E5375	Amazon	\$33.21
03/14/22	CS	CT	Recycled Water Webinar	CWEA	\$25.00
02/27/22	TS	CST	Office Supplies (cotton paper for official Board minutes)	Amazon	\$22.80
03/08/22	CS	ST	Photos for Crew Room	Shutterfly	\$17.88
03/02/22	CS	ST	Wrench	Amazon	\$15.51

Union Sanitary District Cal-Card Report
FY22 Q3

Transaction Date	Work Group	Team	Purchase Description	Vendor's Name	Total
03/02/22	T&D	RST	Chlorine test strips	Amazon	\$14.39
03/21/22	CS	ST	Amazon Prime Membership	Amazon	\$14.39
03/11/22	CS	CT	Replacement/charging cables	Amazon	\$9.91
				TOTAL:	\$14,329.67
				# OF TRANSACTIONS:	72

TOTAL FOR Q3: \$62,760.57
TOTAL # OF TRANSACTIONS FOR Q3: 225



Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

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

Karen W. Murphy
Attorney

**APRIL 25, 2022
BOARD OF DIRECTORS MEETING
AGENDA ITEM # 15**

TITLE: Information Technology Software & Hardware Agreement Summary (*This is an Information Item*)

SUBMITTED: Paul R. Eldredge, General Manager/District Engineer
Robert Simonich, FMC Work Group Manager
Chris Pachmayer, Electrical & Technology Coach

Recommendation

Information only.

Discussion

The District's information technology (IT) team procures and maintains licenses for 78 separate IT systems. These systems are a combination of hardware and software that support all IT functions for the District's customers, employees, and Board of Directors. Attached to this staff report is a table summarizing the following:

- Name of the software or hardware
- Description of what each respective software or hardware does, and
- The annual cost for 2022.

Background

In 2019, the Board of Directors requested Staff provide a summary of the District's software and hardware annual licensing and maintenance costs. Below is summary of previous informational reports:

- 2019 – IT supported 69 systems at a cost of \$402,377 at the time of the Board report.
- 2020 - The annual IT software and hardware agreement summary update to the Board did not occur due to the start of the Covid-19 pandemic in March of 2020.
- 2021 – IT supported 72 systems at a cost of \$506,206 at the time of the Board report.
- 2022 – IT supported 78 systems at a cost of \$627,259 at the time of the Board report.

The number of systems IT supports continues to increase as legacy IT systems migrate from on premises servers to vendor hosted cloud-based environments. In addition, as a result of the pandemic, some paper-based business workflows were converted into online content as employees moved from an office environment to a work from home environment.

Previous Board Action

No previous Board Action was taken for this subject.

2022 IT Hardware & Software Maintenance Agreements		
System/Equip/Contract		Annual Cost
Microsoft Licensing	Microsoft Office 365, Microsoft servers (SQL, Windows, O365 licensing)	\$79,603
VMWare	Virtual Machine hypervisor software. A virtual machine is a computer file that behaves like an actual computer. Allows for many computers to be served by one physical computer or server	\$48,000
Cisco Equipment (consolidated)	Network device support used to monitor how data is routed at the District. Used for both Administrative and Plant Networks	\$43,000
ProjectMates	CIP's Construction Project Management Software	\$38,005
Hansen System (includes Neztex & Mobile)	Computerized maintenance management system (CMMS)	\$37,727
Tyler Technologies (includes Crystal site lic.)	Eden system. Used for accounting, product acquisition and financial record keeping (AR, AP, GL, inventory control)	\$34,486
Wasabi	Cloud Data Storage	\$32,000
GE Proficy SCADA Software	Supervisory control and data acquisition software (SCADA). Used by TPO and FMC to monitor the status of Plant and Pump Stations (current flow rates, level of wet wells, etc.)	\$30,452
ESRI - ArcGIS Desktop and Server Software	Geographic Information Systems mapping software	\$25,000
DocuSign Business Pro w/SPO connector	Software used for electronically sending and signing documents	\$15,016
Network and Phone Support (on call)	Consultant used to assist District with network troubleshooting and phone system issues	\$14,700
Kronos Cloud Hosting Fee	District's time recording/keeping system - Hosting charges in Kronos' cloud	\$13,775
Formula Design Website Maintenance	Public Website hosting, design, and maintenance	\$12,920
Security & CCTV System	Closed circuit TV security camera system annual support (entry and secure area cameras).	\$12,856

enfoTech iPACS	Environmental Compliance inspection and permitting software	\$12,300
Arches SSC Hosting	Customer Service Team software for Non-residential billing. Cloud based software hosted by Farallon	\$10,000
Arches SSC Support	Customer Service Team software for Non-residential billing. Existing data/features Software support	\$10,000
Veeam	Software used to backup Virtual Machines. See VMWare below for a description of a virtual machine	\$9,975
Palo Alto Edge Firewall	District Internet firewall - Administrative Network	\$8,000
Kronos Maintenance Support	District's time recording/keeping system - Annual maintenance and upkeep	\$7,793
Adobe Misac	Adobe software is used to view and manipulate PDF documents. The subscription is purchased through MISAC (government association group)	\$7,565
Server Room UPS with Annual PM	Universal Power supply maintenance. This device is used to condition power and provide a battery backup of the District's critical network devices during a power outage	\$7,510
Sophos Endpoint Protection	IT security (virus and malware protection)	\$7,053
Geocortex Essentials	Geographic information system (GIS) application development software	\$5,464
DocAve (O365 Backup)	Backup software for Microsoft Office 365 cloud tenant	\$5,053
NEOGOV Subscription	Human resources employee recruiting software	\$4,574
AutoCAD Subscriptions	Computerized aided drafting software	\$4,155
Optimum Solution	Human resources employee records software (payroll, employee records, ESS, etc.)	\$4,121
Palo Alto Plant Firewall	District Internet firewall - Plant Network	\$4,000
RealVNC Enterprise Edition Software	Remote access software for desktop computer support	\$3,987
Brady Link360 LOTO cloud solution	Lock Out Tag Out standard operating procedures software. These SOP's are used to safely take any piece of equipment in the Plant out of service	\$3,914

Zoom	Online Meeting/Webinar software	\$3,900
ShareGate	Portal Migration/Teams Management	\$3,895
Dell VSAN Plant	On premises server support	\$3,600
DUO	Multifactor login authentication	\$3,600
RealQuest Pro	Property Information software subscription (parcel numbers, ownership data, etc.)	\$3,600
PageFreezer Website and Social Media Archive	Software used to archive District social media data (District Facebook posts , etc.)	\$3,576
Rockwell Automation Tech Connect	Programmable Logic controller (PLC) support	\$3,116
PipeLogix Flexidata System	Collections maintenance video software (televised sewer line software)	\$3,000
XLIMS	Laboratory sample processing software	\$2,856
Bind Tuning	Component of SharePoint to help manage graphics	\$2,850
HACH Wims	Operational data management system. Used by TPO, Lab, and Engineering to collect and store Plant data	\$2,699
IpSwitch - What's Up Gold Premium	Network monitoring software. Allows IT to view and trouble shoot the District's networks or equipment associated with the network	\$2,500
DR Cabinet UPS	Universal Power supply. This device is used to condition power and provide a battery backup of the District's critical network devices during a power outage	\$2,308
Knowbe4/Optiv	Computer based security training subscription (safe computer practices training)	\$2,093
Ivanti	IT asset management software used to remotely inventory and manage desktop computers	\$2,072
Visual SP	Portal Help System Subscription	\$1,764

SingleWire Cisco Phone System Paging	Web and office paging system and software	\$1,749
DocAve (O365 management)	Backup software for on premise Microsoft SharePoint system	\$1,680
FootPrints Helpdesk	IT's helpdesk software. This software is used by employees to alert IT that they are having a problem with a piece of software or hardware.	\$1,629
IV&C Longwatch System	Video security services with SCADA alarming (Pump station intrusion cameras)	\$1,595
NEOGOV Job Posting Subscription	Human resources employee recruiting software (ability to post jobs and process applications)	\$1,576
WIN-911 Enterprise	SCADA alarm notification software. Tells operators when a pump has failed or turned off, etc.	\$1,540
Cradlepoint Routers	Wireless routers for remote site cellular backup	\$1,400
OpenText - RightFax Business Edition	Business electronic fax software	\$1,360
Cyfin Wavecrest Web Report Software	Employee website monitoring program	\$1,350
KEMP Loadbalancer Enterprise Plus	Proxy used for secure remote access to SharePoint Portal and Hansen	\$1,327
FuelMaster Controller and Software	Automobile fuel system management software.	\$1,275
KWIZCOM Calendar Plus Pro Webpart	SharePoint Calendar enhancement	\$966
Control Bldg. Server Rm UPS w/Annual PM	Universal Power supply maintenance. This device is used to condition power and provide a battery backup of the District's critical network devices during a power outage	\$965
Wistia.com	Video hosting service	\$950
Meraki	Cisco product. Used for cloud controlled WIFI, routing and security	\$920
Calero VeraSmart Call Accounting	Phone monitoring system (monitors which numbers and length of calls to USD phone numbers)	\$883
Netwrix Auditor	IT auditing software used to detect security threats and prove compliance	\$818

TabletMedia radio to email gateway	Software used to transfer SCADA alarm emails into text messages on radios	\$810
Telog Enterprise (for manhole monitors)	Remote manhole level monitoring. These devices are used to determine how high the water levels in the collection system are	\$750
GeoExpress - GIS Software	Software used to compress high resolution imagery for GIS	\$710
Vault Source Control - SCADA	Version control software that locks down the source code of the SCADA system. This prevents unwanted changes to the District's SCADA system	\$630
GoDaddy Wildcard Cert unionsanitary.com	USD public website authenticity certification	\$450
Hyena Enterprise Edition Software	Active Directory and Windows system management software (manage users of Windows systems)	\$378
NEOGOV	Candidate Text Messaging	\$235
Kiwi CatTools Pro	Automatic backup software (used to backup configuration for District routers, switches, firewalls, and gateways)	\$206
DropBox account	DropBox is used to provide Board packets to the Board of Directors	\$159
Lenel OnGuard	Access control system software (keypad/card readers used to enter District buildings)	\$139
StopFog .com& StopFog.net	Domain names for Public outreach and education to reduce fats, oils and grease in the District's collection system	\$133
Primaviewer	Construction schedule viewer - ETSU program software used to read schedule submittals	\$125
Cloudberry Backup and Explorer	Software used to upload data to Amazon Web Services (cloud based data storage)	\$68
Unionsanitary.com Domain Name	USD Public Website	\$50
	Total Annual Cost	\$627,259

**Directors**

Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

Officers

Paul R. Eldredge
*General Manager/
District Engineer*

Karen W. Murphy
Attorney

**APRIL 25, 2022
BOARD OF DIRECTORS MEETING
AGENDA ITEM # 16**

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

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

Recommendation

Information only.

Discussion

None.

Background

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

Previous Board Action

None.

**UNION SANITARY DISTRICT
CHECK REGISTER
04/02/2022-04/15/2022**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
180498	4/14/2022	143	900528.8	WESTERN WATER	AERATION BLOWER 11 (HIGH SPEED)	\$313,870.36	\$420,463.04
	4/14/2022	143	900528.7		AERATION BLOWER 11 (HIGH SPEED)	\$106,592.68	
180416	4/7/2022	114	2011800413	HAZEN AND SAWYER	ETSU PHASE 1B PROJECT	\$34,916.13	\$253,621.42
	4/7/2022	114	2011800226		MP - AERATION BASIN MODIFICATIONS	\$152,018.71	
	4/7/2022	114	2011800322		CAMPUS BUILDINGS (ADMIN, FMC, OPS)	\$66,686.58	
180407	4/7/2022	143	16813	DW NICHOLSON CORP	CALCIUM THIOSULFATE CHEMICAL TANK	\$113,074.22	\$113,074.22
180473	4/14/2022	143	800501.18	KIEWIT INFRASTRUCTURE WEST CO	ALVARADO INFLUENT PS PUMPS AND VFDS	\$108,307.83	\$108,307.83
180404	4/7/2022	143	20625	CAROLLO ENGINEERS	SODIUM HYPOCHLORITE LOOP IMPROVEMENTS	\$82,532.70	\$82,532.70
180484	4/14/2022	110	170120220331	PACIFIC GAS AND ELECTRIC	SERV TO 03/21/2022 PLANT	\$44,367.02	\$61,386.07
	4/14/2022	170	761520220331		SERV TO 03/24/22 NEWARK PS	\$17,019.05	
180405	4/7/2022		9781	CENTERVILLE PRESBYTERIAN	REFUND # 45480	\$39,800.00	\$39,800.00
180467	4/14/2022	143	201180065	HAZEN AND SAWYER	THERMAL DRYER FEASIBILITY STUDY	\$15,847.50	\$32,010.06
	4/14/2022	143	201180073		PUMP STATION ASSET CONDITION ASSESSMENT	\$16,162.56	
180443	4/7/2022	121	49273	WECO INDUSTRIES LLC	240 GAL SANAFOAM VAPOROOTER	\$21,633.51	\$21,633.51
180430	4/7/2022		43697	PREFERRED BENEFIT INSUR ADMINS	MARCH 2022 DELTA DENTAL STMT	\$19,598.34	\$19,620.14
	4/7/2022		43698		MARCH 2022 VSP STMT	\$21.80	
180454	4/14/2022		B059DB	BENEFIT COORDINATORS CORP	DELTA DENTAL CLAIMS - APR 2022	\$18,819.10	\$18,819.10

**UNION SANITARY DISTRICT
CHECK REGISTER
04/02/2022-04/15/2022**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
180436	4/7/2022	143	222072	TANNER PACIFIC INC	ALVARADO INFLUENT PS PUMPS AND VFDS	\$13,031.25	\$16,848.75
	4/7/2022	141	222073		TWIN FORCE MAIN RELOCATION - PHASE 2	\$3,817.50	
180419	4/7/2022	110	9017745239C	KEMIRA WATER SOLUTIONS INC	CREDIT: 46,943 LBS FERROUS CHLORIDE	\$-7,293.60	\$15,355.18
	4/7/2022	110	9017746300		50,560 LBS FERROUS CHLORIDE	\$7,951.78	
	4/7/2022	110	9017743439		46,943 LBS FERROUS CHLORIDE	\$7,293.60	
	4/7/2022	110	9017745804		48,079 LBS FERROUS CHLORIDE	\$7,403.40	
180429	4/7/2022	110	3000087218	OLIN CORPORATION	4778.736 GALS SODIUM HYPOCHLORITE	\$3,725.88	\$14,744.86
	4/7/2022	110	3000087223		4778.697 GALS SODIUM HYPOCHLORITE	\$3,725.85	
	4/7/2022	110	3000087208		4600.007 GALS SODIUM HYPOCHLORITE	\$3,586.53	
	4/7/2022	110	3000086772		4754 GALS SODIUM HYPOCHLORITE	\$3,706.60	
180437	4/7/2022	143	76052	TESCO CONTROLS INC	AERATION BLOWER 11 SCADA VIEWNODE CABINET AND UPS	\$13,400.00	\$13,400.00
180446	4/14/2022	171	2000606370	AECOM TECHNICAL SERVICES INC	HAZMAT CONSULTING SERVICES	\$11,252.93	\$11,252.93
180483	4/14/2022	110	3000089335	OLIN CORPORATION	4686 GALS SODIUM HYPOCHLORITE	\$3,653.58	\$11,161.33
	4/14/2022	110	3000090268		4778.725 GALS SODIUM HYPOCHLORITE	\$3,725.87	
	4/14/2022	110	3000089746		4850.55 GALS SODIUM HYPOCHLORITE	\$3,781.88	
180474	4/14/2022		148542	KNAPP POLLY PIG INC	1 PIG	\$10,067.92	\$10,067.92
180421	4/7/2022		374322220401	LINCOLN NATIONAL LIFE INS COMP	LIFE & DISABILITY INSURANCE - APR 2022	\$9,119.59	\$9,119.59
180387	4/7/2022	123	9123618202	AIRGAS NCN	15 SAFETY HARNESS	\$7,521.98	\$7,521.98

**UNION SANITARY DISTRICT
CHECK REGISTER
04/02/2022-04/15/2022**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
180448	4/14/2022	120	4111996920220401	ALAMEDA COUNTY WATER DISTRICT	SERV TO: 03/31/22-MTR HYD B29454468	\$952.62	\$7,312.70
	4/14/2022	120	4111996820220401		SERV TO: 03/31/22-MTR HYD B19329007	\$606.96	
	4/14/2022	120	4111994420220401		SERV TO: 03/31/22-MTR HYD B18190913	\$611.96	
	4/14/2022	110	4071037120220321		SERV TO: 03/17/22-BENSON ROAD	\$879.03	
	4/14/2022	120	4111994120220401		SERV TO: 03/31/22-MTR HYD B16583493	\$1,528.71	
	4/14/2022	120	4111994220220401		SERV TO: 03/31/22-MTR HYD B16583492	\$917.55	
	4/14/2022	120	4111994020220401		SERV TO: 03/31/22-MTR HYD B15000283	\$591.93	
	4/14/2022	120	4111993720220401		SERV TO: 03/31/22-MTR HYD B34041339	\$616.98	
	4/14/2022	120	4111994320220401		SERV TO: 03/31/22-MTR HYD B15072357	\$606.96	
180479	4/14/2022	132	2242	MOBILE HEALTH DIAGNOSTICS, LLC	AUDIOMETRIC AND RESPIRATOR FIT TESTING	\$7,200.00	\$7,200.00
180472	4/14/2022	110	9017746617	KEMIRA WATER SOLUTIONS INC	47,780 LBS FERROUS CHLORIDE	\$7,041.69	\$7,041.69
180418	4/7/2022	170	684932	KAMAN INDUSTRIAL TECHNOLOGIES	4 ODOR SCRUBBER EXPANSION JOINT	\$7,002.54	\$7,002.54
180480	4/14/2022		105928	MUNIQUEP, LLC	ASTD PUMP PARTS	\$6,989.56	\$6,989.56
180456	4/14/2022	143	11438704	BROWN & CALDWELL CONSULTANTS	COGEN REPLACEMENT & VENTILATION STUDY	\$6,957.45	\$6,957.45
180492	4/14/2022	173	20220414	RUFUS TAI	EXP REIMB: PALO ALTO NETWORKS FIREWALL ESSENTIALS	\$5,000.00	\$5,000.00
180411	4/7/2022	170	248595	FRANK A OLSEN COMPANY	2 CHECK VALVES	\$4,617.88	\$4,617.88
180414	4/7/2022	113	12934632	HACH COMPANY	2 COD REACTORS	\$4,450.95	\$4,450.95
180453	4/14/2022	143	32266	BEECHER ENGINEERING	IRVINGTON PS PUMPS AND VFDS	\$1,200.00	\$4,350.00
	4/14/2022	143	32245		SWITHBOARD NO 3 & MCC NO 25 REPLACEMENT	\$3,150.00	

**UNION SANITARY DISTRICT
CHECK REGISTER
04/02/2022-04/15/2022**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
180433	4/7/2022	110	22031724	S&S TRUCKING	GRIT HAULING 03/09/2022	\$877.37	\$3,798.52
	4/7/2022	110	22030812		GRIT HAULING 03/01 & 03/04/2022	\$2,921.15	
180462	4/14/2022	170	248622	FRANK A OLSEN COMPANY	1 GATE ISOLATION VALVE	\$3,744.10	\$3,744.10
180397	4/7/2022		B057FJ	BENEFIT COORDINATORS CORP	DELTA DENTAL AND VSP STMT - MAR 2022	\$3,607.40	\$3,607.40
180398	4/7/2022		B05841	BENEFIT COORDINATORS CORP	DELTA DENTAL AND VSP STMT - APR 2022	\$3,607.40	\$3,607.40
180497	4/14/2022	121	49260	WECO INDUSTRIES LLC	CAMERA REPAIRS	\$834.66	\$3,600.72
	4/14/2022		49274		ASTD TRUCK PARTS	\$2,766.06	
180482	4/14/2022	141	1221001094	NBS	SEWER SERVICE CHARGE DATA SERV APR - JUN 2022	\$3,437.33	\$3,437.33
180487	4/14/2022	120	916004872968	REPUBLIC SERVICES #916	RECYCLE & ROLL OFF - APR 2022	\$3,423.03	\$3,423.03
180396	4/7/2022	122	25243	BAYSCAPE LANDSCAPE MANAGEMENT	LANDSCAPE MAINTENANCE SERVICES - MAR 2022	\$3,310.00	\$3,310.00
180422	4/7/2022	173	24827	LOOKINGPOINT INC	PHONE SYSTEM ESXI HOST UPGRADE	\$3,300.00	\$3,300.00
180440	4/7/2022		9902326499	VERIZON WIRELESS	WIRELESS SERV 02/21/22-03/20/22	\$3,207.22	\$3,207.22
180389	4/7/2022	170	99154802	AMOT	4 THERMOSTATIC VAVLES	\$3,113.51	\$3,113.51
180485	4/14/2022	170	101647	PRIME MECHANICAL SERVICE INC	MONTHLY MAINTENANCE - MAR 22	\$945.00	\$3,069.29
	4/14/2022	170	101603		SEMI ANNUAL MAINTENANCE - MAR 22	\$590.00	
	4/14/2022	121	101635		SERVICE CALL: BLDG 70	\$1,534.29	
180495	4/14/2022	120	2022179970	USA NORTH 811	USA CA STATE FEE	\$3,003.20	\$3,003.20
180486	4/14/2022		31589	PROLOGIS	REFUND # 45492	\$2,500.00	\$2,500.00
180428	4/7/2022	170	137389	NEW IMAGE LANDSCAPING CO	LANDSCAPE MAINTENANCE - FMC - MAR	\$2,469.17	\$2,469.17

**UNION SANITARY DISTRICT
CHECK REGISTER
04/02/2022-04/15/2022**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
180475	4/14/2022	113	2203A47	MCCAMPBELL ANALYTICAL	LAB SAMPLE ANALYSIS	\$61.00	\$2,351.00
	4/14/2022	113	2203815		LAB SAMPLE ANALYSIS	\$841.00	
	4/14/2022	113	2203644		LAB SAMPLE ANALYSIS	\$1,449.00	
180415	4/7/2022		3R2339	HARRINGTON INDUSTRIAL PLASTICS	ASTD PVC PARTS & MATERIALS	\$322.15	\$2,293.56
	4/7/2022		3R2412		ASTD PVC PARTS & MATERIALS	\$35.31	
	4/7/2022	170	3R2082		ASTD PVC PARTS & MATERIALS	\$385.50	
	4/7/2022	170	3R2305		ASTD PVC PARTS & MATERIALS	\$1,550.60	
180488	4/14/2022	170	450027	RKI INSTRUMENTS INC	ASTD PARTS & MATERIALS	\$1,943.66	\$2,267.60
	4/14/2022	170	450028		ASTD PARTS & MATERIALS	\$323.94	
180426	4/7/2022	170	2400135929	MOTION INDUSTRIES INC	ASTD PARTS & MATERIALS	\$1,786.73	\$2,234.92
	4/7/2022		2400135375		10 MESH VESTS	\$237.94	
	4/7/2022		2400135424		ASTD PARTS & MATERIALS	\$210.25	
180388	4/7/2022		20220310	AMAZON.COM LLC	03/22 - ASTD OFFICE SUPPLIES	\$2,153.09	\$2,153.09
180427	4/7/2022	170	105917	MUNIQUEP, LLC	1 PULSAR TRANSMITTER	\$2,138.75	\$2,138.75
180403	4/7/2022	170	21928487	CARBOLINE COMPANY	PAINT & RELATED PAINT SUPPLIES	\$279.54	\$1,823.68
	4/7/2022	170	21928489		PAINT & RELATED PAINT SUPPLIES	\$600.66	
	4/7/2022	170	21928015		PAINT & RELATED PAINT SUPPLIES	\$361.87	
	4/7/2022	170	21928488		PAINT & RELATED PAINT SUPPLIES	\$581.61	
180435	4/7/2022	173	17260	SYSTEMATES INC	5 PROJECTMATE ADDITIONAL LICENSES	\$1,805.00	\$1,805.00

**UNION SANITARY DISTRICT
CHECK REGISTER
04/02/2022-04/15/2022**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
180390	4/7/2022	130	16237685	APPLEONE EMPLOYMENT SVCS	TEMP LABOR-DZOAN.T , WK END 03/12/22	\$1,563.79	\$1,563.79
180406	4/7/2022	143	3559837	DAILY JOURNAL CORPORATION	AD: FORCE MAIN CORROSION REPAIRS PROJECT PHASE 3	\$1,516.32	\$1,516.32
180425	4/7/2022	171	2257058	MOBILE MODULAR MANAGEMENT CORP	FMC TRAILER RENTAL - APR 2022	\$1,379.94	\$1,379.94
180449	4/14/2022	170	5265744	ALL INDUSTRIAL ELECTRIC SUPPLY	1 VIBRATION BAR GRAPH	\$1,357.48	\$1,357.48
180458	4/14/2022	170	20220324	COMMUNICATION & CONTROL INC	UTILITY FEE/ANTENNA RENTAL	\$1,181.07	\$1,181.07
180409	4/7/2022	170	113320	ENVIRONMENTAL LOGISTICS INC	HAZARDOUS WASTE HAULING	\$1,104.00	\$1,104.00
180424	4/7/2022	122	75472224	MCMASTER SUPPLY INC	ASTD PARTS & MATERIALS	\$71.10	\$1,077.41
	4/7/2022		75383281		ASTD PARTS & MATERIALS	\$64.86	
	4/7/2022		75569690		ASTD PARTS & MATERIALS	\$840.06	
	4/7/2022	170	74330416		ASTD PARTS & MATERIALS	\$101.39	
180408	4/7/2022	110	204177	ENVIROCHECK INC	OPS BLDG MOLD INSPECTION/SAMPLES	\$1,075.00	\$1,075.00
180395	4/7/2022	136	2522456448	BANK OF NEW YORK	FEB 2022 SERVICE FEES	\$1,066.66	\$1,066.66
180459	4/14/2022	114	3566373	DAILY JOURNAL CORPORATION	AD: CAMPUS BUILDINGS (ADMIN, FMC, OPS)	\$599.24	\$1,059.35
	4/14/2022	114	3566375		AD: CAMPUS BUILDINGS (ADMIN, FMC, OPS)	\$297.28	
	4/14/2022	114	3566372		AD: CAMPUS BUILDINGS (ADMIN, FMC, OPS)	\$162.83	
180477	4/14/2022	170	75895576	MCMASTER SUPPLY INC	ASTD PARTS & MATERIALS	\$339.89	\$1,046.50
	4/14/2022		76060533		ASTD PARTS & MATERIALS	\$706.61	

**UNION SANITARY DISTRICT
CHECK REGISTER
04/02/2022-04/15/2022**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
180464	4/14/2022	111	9239612964	GRAINGER INC	ASTD PARTS & MATERIALS	\$71.41	\$1,045.15
	4/14/2022	111	9235678738		ASTD PARTS & MATERIALS	\$81.74	
	4/14/2022		9229630836		ASTD PARTS & MATERIALS	\$892.00	
180393	4/7/2022		17914605	AT&T	SERV: 02/13/22 - 03/12/22	\$43.43	\$952.62
	4/7/2022		17914607		SERV: 02/13/22 - 03/12/22	\$88.70	
	4/7/2022		17914603		SERV: 02/13/22 - 03/12/22	\$753.66	
	4/7/2022		17914606		SERV: 02/13/22 - 03/12/22	\$66.83	
180402	4/7/2022		99148800	CALTROL INC	2 GAUGES	\$951.21	\$951.21
180460	4/14/2022		20220325	DALE HARDWARE INC	03/22 - ASTD PARTS & MATERIALS	\$928.22	\$928.22
180392	4/7/2022		6235098604	AT&T	SERV: 02/11/22 - 03/10/22	\$872.58	\$872.58
180442	4/7/2022	113	8807897292	VWR INTERNATIONAL LLC	LAB SUPPLIES	\$144.51	\$833.90
	4/7/2022	113	8807923936		LAB SUPPLIES	\$103.47	
	4/7/2022	113	8807660580		LAB SUPPLIES	\$27.12	
	4/7/2022		8807578623		LAB SUPPLIES	\$558.80	
180391	4/7/2022		259000102607	ARAMARK	UNIFORM LAUNDERING SERVICE	\$399.51	\$773.43
	4/7/2022	122	259000102557		ASTD DUST MOPS, WET MOPS & TERRY	\$56.06	
	4/7/2022		259000102585		UNIFORM LAUNDERING & RUGS	\$317.86	
180489	4/14/2022	110	22032319	S&S TRUCKING	GRIT HAULING 03/18/2022	\$751.91	\$751.91

**UNION SANITARY DISTRICT
CHECK REGISTER
04/02/2022-04/15/2022**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
180457	4/14/2022	173	6000118543	CANON SOLUTIONS AMERICA INC	MTHLY MAINTENANCE BASED ON USE	\$427.99	\$743.89
	4/14/2022	173	6000119494		MTHLY MAINTENANCE BASED ON USE	\$315.90	
180401	4/7/2022	113	631169	CALTEST ANALYTICAL LABORATORY	11 LAB SAMPLE ANALYSIS	\$728.75	\$728.75
180450	4/14/2022		2591002870	ARAMARK	UNIFORM LAUNDERING SERVICE	\$368.20	\$701.38
	4/14/2022		2591002852		UNIFORM LAUNDERING & RUGS	\$333.18	
180434	4/7/2022	170	15732	STATE ELECTRIC GENERATOR	SERVICE: GENERATOR	\$682.50	\$682.50
180394	4/7/2022	173	520971	AVERTIUM LLC	VULNERABILITY SCAN SUBSCRIPTION	\$645.00	\$645.00
180451	4/14/2022	173	521502	AVERTIUM LLC	VULNERABILITY SCAN SUBSCRIPTION	\$645.00	\$645.00
180481	4/14/2022		20220331	NAPA AUTO PARTS	MONTHLY AUTO PARTS STMT - MAR 2022	\$578.71	\$578.71
180417	4/7/2022		604674777	HILLYARD/SAN FRANCISCO	ASTD JANITORIAL SUPPLIES	\$574.04	\$574.04
180455	4/14/2022	120	16968150	BLAISDELL'S	ASTD OFFICE SUPPLIES	\$549.85	\$549.85
180410	4/7/2022	113	9926645	FISHER SCIENTIFIC	LAB SUPPLIES	\$543.99	\$543.99
180413	4/7/2022		30373	SUVIR GUPTA	REFUND # 45479	\$500.00	\$500.00
180431	4/7/2022		32669	AMERICAN RESIDENTIAL SVCS RESCUE ROC	REFUND # 45478	\$500.00	\$500.00
180465	4/14/2022		9239864367	GRAINGER INC	ASTD PARTS & MATERIALS	\$491.67	\$491.67
180490	4/14/2022		2080060002	SAN LEANDRO ELECTRIC SUPPLY	ASTD ELECTRICAL SUPPLIES	\$424.34	\$482.73
	4/14/2022		2076218001		ASTD ELECTRICAL SUPPLIES	\$58.39	

**UNION SANITARY DISTRICT
CHECK REGISTER
04/02/2022-04/15/2022**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
180412	4/7/2022	122	9225104455	GRAINGER INC	ASTD PARTS & MATERIALS	\$65.98	\$465.00
	4/7/2022	111	9227464006		ASTD PARTS & MATERIALS	\$15.46	
	4/7/2022	111	9231362691		ASTD PARTS & MATERIALS	\$58.64	
	4/7/2022		9229022422		ASTD PARTS & MATERIALS	\$179.42	
	4/7/2022	111	9230336761		ASTD PARTS & MATERIALS	\$53.63	
	4/7/2022	170	9219741197		ASTD PARTS & MATERIALS	\$91.87	
180441	4/7/2022		9902326498	VERIZON WIRELESS	WIRELESS SERV 02/21/22-03/20/22	\$406.42	\$406.42
180432	4/7/2022	120	20220331	JOSE RODRIGUES JR	EXP REIMB: RE-OFFICING RECOGNITION BBQ	\$315.96	\$315.96
180493	4/14/2022		26055261	TRI DIM FILTER CORPORATION	100 FILTERS	\$312.49	\$312.49
180420	4/7/2022		28167	LENNAR HOMES - BAY AREA	REFUND # 45481	\$300.00	\$300.00
180444	4/7/2022	110	20220331	WEF-WATER ENVIRONMENT FED	WEF MEMBERSHIP A LOPEZ	\$267.00	\$267.00
180399	4/7/2022	120	16948880	BLAISDELL'S	ASTD OFFICE SUPPLIES	\$200.19	\$266.63
	4/7/2022	141	16961520		ASTD OFFICE SUPPLIES	\$75.27	
	4/7/2022	120	16849320C		CREDIT: ASTD OFFICE SUPPLIES	\$-32.08	
	4/7/2022	170	16870260		ASTD OFFICE SUPPLIES	\$23.25	
180452	4/14/2022		30037	BAY AREA BARRICADE SERVICE INC	4 MARKING PAINT	\$260.48	\$260.48
180463	4/14/2022	120	1841096525	GOODYEAR COMM TIRE & SERV CTRS	DISPOSAL OF 19 TIRES	\$255.00	\$255.00
180400	4/7/2022	130	12594820220404	STATE OF CALIFORNIA	CPA RENEWAL - CARLSON	\$250.00	\$250.00
180470	4/14/2022	173	6059567	INTRADO LIFE & SAFETY INC	E911 CLOUD SERVICE	\$250.00	\$250.00

**UNION SANITARY DISTRICT
CHECK REGISTER
04/02/2022-04/15/2022**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
180439	4/7/2022	136	98XW53112	UPS - UNITED PARCEL SERVICE	SHIPPING CHARGES W/E 03/12/22	\$204.17	\$204.17
180478	4/14/2022	150	20220412	JOSEPH MENDOZA	EXP REIMB: DONUTS FOR ALL DISTRICT EMPLOYEES	\$203.40	\$203.40
180468	4/14/2022	113	20220413	ALEXANDRO HERNANDEZ	EXP REIMB: CWEA MEMBERSHIP	\$192.00	\$192.00
180494	4/14/2022	136	98XW53122	UPS - UNITED PARCEL SERVICE	SHIPPING CHARGES W/E 03/19/22	\$153.45	\$153.45
180469	4/14/2022		604683230	HILLYARD/SAN FRANCISCO	ASTD JANITORIAL SUPPLIES	\$126.03	\$126.03
180471	4/14/2022	110	20220413	DANIEL JACKSON	EXP REIMB: CWEA CONF EXPENSES	\$112.30	\$112.30
180423	4/7/2022	120	20220406	MATTHEW LUBINA	EXP REIMB: CS PLANNER SCHEDULER INTERVIEWS LUNCH	\$92.40	\$92.40
180447	4/14/2022	121	9124004943	AIRGAS NCN	ASTD PARTS & MATERIALS	\$85.32	\$85.32
180461	4/14/2022	173	557726	DLT SOLUTIONS, LLC	AWS CLOUD STORAGE - FEB 2022	\$83.03	\$83.03
180491	4/14/2022	170	2203131	SGS NORTH AMERICA INC	4 ANALYSIS	\$80.00	\$80.00
180466	4/14/2022	110	2374324	HAYWARD WATER SYSTEM	WATER SERV 01/10/22 - 03/14/22	\$75.07	\$75.07
180438	4/7/2022	141	432921	ULTRAEX LLC	COURIER SVCS: 1 BOARDMEMBER DELIVERY - 03/09/22	\$48.94	\$48.94
180445	4/7/2022	122	2714984001	WHCI PLUMBING SUPPLY CO	ASTD PARTS & MATERIALS	\$43.83	\$43.83
180476	4/14/2022	150	20220412	REGINA MCEVOY	EXP REIMB: COFFEE AND CREAMER FOR ALL DISTRICT EMPLOYEES	\$37.36	\$37.36
180496	4/14/2022		9903043692	VERIZON WIRELESS	WIRELESS SERV 03/02/22-04/01/22	\$21.16	\$21.16

**UNION SANITARY DISTRICT
CHECK REGISTER
04/02/2022-04/15/2022**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
Invoices:					Checks:		
Credit Memos :				2			
				-7,325.68			
\$0 - \$1,000 :				102	\$0 - \$1,000 :	47	19,338.82
\$1,000 - \$10,000 :				54	\$1,000 - \$10,000 :	47	158,295.50
\$10,000 - \$100,000 :				15	\$10,000 - \$100,000 :	14	368,632.55
Over \$100,000 :				5	Over \$100,000 :	4	895,466.51
Total:				178	Total:	112	1,441,733.38
				1,441,733.38			

Wastewater monitoring for Covid-19 is picking up steam across the US

By Deidre McPhillips, CNN

Updated 1:58 PM ET, Mon April 4, 2022

(CNN) Interest in using wastewater surveillance to monitor Covid-19 continues to grow in the United States, as the values of the early detection tool come into clearer focus.

In September 2020, the US Centers for Disease Control and Prevention launched the National Wastewater Surveillance System, investing millions of dollars in an effort to coordinate and build upon programs that track coronavirus in samples collected in sewage systems.

Participation in the program has risen steadily since launch. But what's driving interest now -- and has led to the biggest bump yet -- is the change in clinical testing strategies across the US, said Amy Kirby, a microbiologist who leads the CDC's wastewater program.

With the growing prevalence of at-home Covid-19 tests and the public's waning interest in testing in general, less case data is being officially reported. Local health departments are "recognizing that clinical surveillance isn't going to have as much information about what's going on in the community," she said.

"Wastewater is a non-intrusive way to still have that early and reliable information of what's going on in your community," Kirby said.

The CDC launched a national public dashboard tracking Covid-19 wastewater data in February, and the number of participating sites has risen from about 400 to nearly 700 sites in the two months since.

In that same time, the daily average of reported Covid-19 tests dropped by two-thirds, according to data from the US Department of Health and Human Services.

The CDC's wastewater program has enough money to sufficiently cover programs for all 50 states and 14 additional jurisdictions, with funding guaranteed through 2025.

There are 33 states currently funded through the agency's epidemiology and laboratory capacity cooperative agreement -- and another 14 that have a commercial testing contract -- but the CDC hopes that all 50 states will be represented in the network by next year. Grant applications are now in process for 2023 funding.

Wastewater surveillance is not a new public health tool, but it was far from mainstream before Covid-19.

Local health departments are still figuring out how to best make use of this tool. They have questions about how to partner with utility companies to collect samples in the first

place, as well as the best way to analyze and interpret the resulting data and more, said Deise Galan, lead analyst for the National Association of County and City Health Officials' public health preparedness program.

Enough questions from members have poured in that NACCHO recently launched a mentorship program that has so far matched one local jurisdiction with lots of experience in wastewater surveillance to a couple of others that are just getting started.

About a dozen local health departments applied to be part of this mentorship program, and it has sparked the interest of many more that have reached out to learn more.

"It's become something that has not only caught the desire of the local health officials, but also their elected officials as something that they can really implement and use not only for SARS-CoV-2, but for other pathogens as well," Galan said.

Wastewater is a hyper-local surveillance tool, which only provides information about the specific community that is served by the participating wastewater treatment plant. But experts say there is clear value in bringing as many sites on board as possible.

"It's both a strength that we get really good information about that community, but also a weakness because we need to get as many wastewater systems as we can doing this testing so that we get a more complete picture," Kirby said.

It took the CDC about a year and a half -- from the launch of the program in September 2020 until February 2022 -- to work through how to best standardize and present the data they'd been collecting into a national dashboard.

Right now, data on the dashboard is limited. A map shows the relative change in coronavirus detection levels over a single 15-day period, with earlier trends in percent change only available through downloading a large data set.

But in the coming weeks, the CDC plans to update their national wastewater dashboard with more information about not just how levels change week-to-week, but how the absolute level of coronavirus detected in a sewershed compares to other points in the pandemic. They also plan to include an option to visualize trends over time for each site.

"Our focus is on using this system as an early warning of increases in the community. And we want that early warning system to be as early and as sensitive as it can be," Kirby said.

This high-sensitivity can create "noise" in the system, she said. But with variants such as BA.2 picking in the US and others potentially looming over the horizon, they'd rather play it extra safe.

"We are working closely with our state and local public health officials to make sure that they are interpreting the data correctly to answer their questions. We're monitoring those increases until we are either convinced they are just noise or see that they are real increases and we need to move on them."

More participants bring more opportunities to share knowledge about a public health tool that many are just starting to become familiar with, too.

"Why are we going to reinvent the wheel, if there are other places that have been able to successfully implement this program?" Galan said. "At the local level, we can have that peer-to-peer-sharing and collection of best practice."

Putting it all on a national dashboard allows local health departments to explore what's happening in similar places, said Chelsea Gridley-Smith, director of environmental health at NACCHO.

"Local health departments know who they see as peers. So, a rural county may look to Chicago for guidance, but not for similarities. But if they can compare themselves to another rural county, they might be able to find more and more programs like themselves," she said.

"Those are the places where having everything compiled in a CDC location allows us to explore the possibility for expanding partnership outside of just one state with the similarities around county size and jurisdiction size and population type and infrastructure set-up."

WHATS HAPPENINGS TRI CITY VOICE

This space for filing stamp only

39737 PASEO PADRE PKWY, FREMONT, CA 94538
Telephone (510) 494-1999 / Fax (510) 796-2462

DIANA PINO
UNION SANITARY DISTRICT/ENVIRON COMPLIAN
5072 BENSON ROAD
UNION CITY, CA - 94587

CNS#: 3566038

Public Notice
FOR IMMEDIATE RELEASE: UNION SANITARY
DISTRICT 5072 BENSON ROAD
UNION CITY, CA 94587
CONTACT: RAYMOND CHAU
(510) 477-7606

NOTICE OF SIGNIFICANT VIOLATOR

Notice is hereby given that, pursuant to the requirements of 40 CFR Section 403.8 (f) (2)(viii) of the General Pretreatment Regulations for New and Existing Sources, the Union Sanitary District (USD) is required to publish the names of all dischargers to the District's wastewater treatment plant that were in Significant Non-Compliance (SNC) with EPA Pretreatment Regulations and/or the District's Sewer Ordinance No. 36.04 requirements at any time during the 2021 calendar year. The following discharger to Union Sanitary District's treatment plant had significant violations during 2021: Allogene Therapeutics, Inc. 46401 Landing Parkway, Fremont, CA. Routine compliance sampling of Allogene Therapeutics, Inc. detected a Copper concentration of 2.71 mg/L, which is in excess of the allowable USD local limit of 2.0 mg/L. Allogene was issued Notice of Violation N21-009, which required it to determine the cause of the violation, take immediate action to prevent a reoccurrence and to perform self-monitoring to confirm its compliance status. Allogene was issued an Administrative Penalty, which has been paid. Allogene was classified as Significant Non-Compliance (SNC) for exceeding the Technical Review Criteria (TRC) Local Limit for Copper during the April - September Evaluation Period of 2021, in accordance with 40 CFR 403.8(f)(2)(viii)(B), defined as those in which 33 percent or more of all of the measurements taken for the same pollutant parameter during a 6-month period equal or exceed the product of the numeric Pretreatment Standard or Requirement including instantaneous limits, as defined by 40 CFR 403.3(i) multiplied by the applicable TRC (TRC=1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH).

3/29/22

CNS-3566038#

PROOF OF PUBLICATION

(2015.5 C.C.P.)

State of California)
County of ALAMEDA) ss

Notice Type: GPN - GOVT PUBLIC NOTICE

Ad Description:
SNC Public Notice for 2021

I am a citizen of the United States and a resident of the State of California; I am over the age of eighteen years, and not a party to or interested in the above entitled matter. I am the principal clerk of the printer and publisher of the WHATS HAPPENINGS TRI CITY VOICE, a newspaper of general circulation in the city of Fremont, county of Alameda as defined by the laws of the State of California by the Superior Court of the County of Alameda, State of California under date 05/08/2015, case no. HG14716669. That the notice, of which the annexed is a printed copy, has been published in each regular and entire issue of said newspaper and not in any supplement thereof on the following dates, to-wit:

03/29/2022

Executed on: 03/30/2022
At Los Angeles, California

I certify (or declare) under penalty of perjury that the foregoing is true and correct.



Signature



Email

Argus

c/o Bay Area News Group-East Bay
41424 Christy St.
Fremont, CA 94538
510-403-4483

2003193

CALIF. NEWSPAPER SVC.
BILLING DEPT.
PO BOX 60460
LOS ANGELES, CA 90060

PROOF OF PUBLICATION

FILE NO. 3566037

In the matter of

Argus

The Argus

I am a citizen of the United States. I am over the age of eighteen years and not a party to or interested in the above-entitled matter. I am the Legal Advertising Clerk of the printer and publisher of The Argus, a newspaper published in the English language in the City of Fremont, County of Alameda, State of California.

I declare that the Argus is a newspaper of general circulation as defined by the laws of the State of California as determined by this court's order dated July 28, 2008 in the action entitled In the Matter of the Ascertainment and Establishment of the Standing of The Argus as a Newspaper of General Circulation, Case Number HG08-390724. Said order states "The Argus" has been established, printed and published in the City of Fremont, County of Alameda, State of California; That it is a newspaper published daily for the dissemination of local and telegraphic news and intelligence of general character and has a bona fide subscription list of paying subscribers; and...THEREFORE, IT IS ORDERED, ADJUDGED AND DECREED:...That "The Argus" is a newspaper of general circulation for the City of Fremont, County of Alameda, California. Said order has not been revoked.

I declare that this notice, of which the annexed is a printed copy, has been published in each regular and entire issue of said newspaper and not in any supplement thereof on the following dates, to wit:

04/01/2022

I certify (or declare) under the penalty of perjury that the foregoing is true and correct.

Executed at Richmond, California.
On this 1st day of April, 2022.

Arathi Lloyd

Public Notice Advertising Clerk

Legal No.

0006655679

Public Notice
FOR IMMEDIATE
RELEASE: UNION
SANITARY DISTRICT
5072 BENSON ROAD
UNION CITY, CA 94587

CONTACT:
RAYMOND CHAU
(510) 477-7606
NOTICE OF SIGNIFI-
CANT VIOLATOR

Notice is hereby given that, pursuant to the requirements of 40 CFR Section 403.8 (f) (2)(viii) of the General Pretreatment Regulations for New and Existing Sources, the Union Sanitary District (USD) is required to publish the names of all dischargers to the District's wastewater treatment plant that were in Significant Non-Compliance (SNC) with EPA Pretreatment Regulations and/or the District's Sewer Ordinance No. 36.04 requirements at any time during the 2021 calendar year. The following discharger to Union Sanitary District's treatment plant had significant violations during 2021: Allogene Therapeutics, Inc. 46401 Landing Parkway, Fremont, CA. Routine compliance sampling of Allogene Therapeutics, Inc. detected a Copper concentration of 2.71 mg/L, which is in excess of the allowable USD local limit of 2.0 mg/L. Allogene was issued Notice of Violation N21-009, which required it to determine the cause of the violation, take immediate action to prevent a reoccurrence and to perform self-monitoring to confirm its compliance status. Allogene was issued an Administrative Penalty, which has been paid. Allogene was classified as Significant Non-Compliance (SNC) for exceeding the Technical Review Criteria (TRC) Local Limit for Copper during the April - September Evaluation Period of 2021, in accordance with 40 CFR 403.8(f)(2)(viii)(B), defined as those in which 33 percent or more of all of the measurements taken for the same pollutant parameter during a 6-month period equal or exceed the product of the numeric Pretreatment Standard or Requirement including instantaneous limits, as defined by 40 CFR 403.3(l) multiplied by the applicable TRC (TRC=1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH).

4/1/22
CNS-3566037#
THE ARGUS
AR 6655679
April 1, 2022



California Newspaper Service Bureau

Public Notice Advertising Since 1934

Tel 1-800-788-7840 Fax 1-800-474-9444

Local Offices and Representatives in:

Los Angeles, Santa Ana, San Diego, Riverside/San Bernardino,
San Francisco, Oakland, San Jose, Sacramento

Special Services Available in Phoenix

DECLARATION

I am a resident of Los Angeles County, over the age of eighteen years and not a party to or interested in the matter noticed.

The notice, of which the annexed is a printed copy appeared in the:

WHATS HAPPENINGS TRI CITY VOICE - UNION CITY

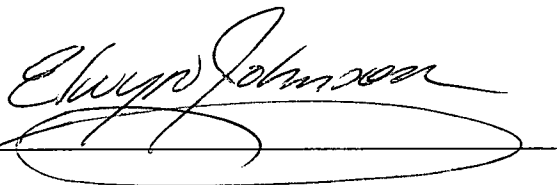
On the following dates:

04/12/2022

I certify (or declare) under penalty of perjury that the foregoing is true and correct.

Dated at Los Angeles, California, this

19th day of April 2022



Elwyn Johnson

Signature

3573159

*"The only Public Notice which is justifiable
from the standpoint of true economy and the public interest,
is that which reaches those who are affected by it"*



* A 0 0 0 0 0 5 9 9 6 6 4 7 *



John Juarez, REALTOR®
510-673-0686



Top Floor Unit in Copper Ridge

- 1 Bedroom, 1 Bath
- 778 Sq. Ft. Living Area
- 1-Car Garage
- Granite Counter Tops in Kitchen
- In Unit Laundry
- All Appliances Included
- Pool, Tennis Courts, Gym
- Gated Entry to Neighborhood

415 PINE RIDGE Dr., SAN RAMON

List Price: \$495,000

Keller Williams Benchmark Realty
john@medfordteam.com • 510-673-0686 • www.MedfordTeam.com • CalBRE# 01223788



Protect Your Bay On Earth Day



Visit Union Sanitary District's Booth At Fremont's Earth Day Celebration

Saturday, April 23, 2022 - 11 a.m. to 3 p.m.
Downtown Event Center & Plaza
3500 Capitol Avenue

StopFOG With A FREE Grease Scraper!

Learn how to prevent expensive repairs and protect the environment by keeping Fats, Oil and Grease (FOG) out of your sewer.

FREE Thermometer Exchange

USD will trade your mercury thermometer for a non-hazardous version at no charge. We will also recycle other mercury-containing devices for you.

For more information, call USD at (510) 477-7636
or visit www.unionsanitary.ca.gov

Protecting The Tri-Cities and San Francisco Bay

CASB #2073158

Pesach at Chabad of Fremont

COMMUNITY PASSOVER

2022 *Seder* 5782



FIRST SEDER: FRIDAY, APRIL 15 AT 7:00 PM

SUBMITTED BY CHABAD OF FREMONT

The eight-day Jewish holiday of Passover is celebrated in the early spring, from the 15th through the 22nd of the Hebrew month of Nissan, or April 15 - 23, 2022. Passover (Pesach) commemorates the emancipation of the Israelites from slavery in ancient Egypt. Pesach is observed by avoiding leaven, and highlighted by the Seder meals that include four cups of wine, eating matzah and bitter herbs, and retelling the story of the Exodus. In Hebrew it is known as Pesach (which means "to pass over"), because G-d passed over the Jewish homes when killing the Egyptian firstborn on the very first Passover eve.

Passover is divided into two parts:

The first and last two days (the latter commemorating the splitting of the Red Sea) are full-fledged holidays. Holiday candles are lit at night, and Kiddush and sumptuous holiday meals are enjoyed on both nights and days. We don't go to work, drive, write, or switch on or off electric devices. We are permitted to cook and to carry outdoors. The middle four days are called Chol Hamoed, semi-festive "intermediate days," when most forms of work are permitted.

The first Seder will be on Friday, April 15 after nightfall, and the second Seder will be on Saturday, April 16 after nightfall. For the duration of the eight days of Passover, chametz (leaven) is strictly avoided.

The highlight of Passover is the Seder, observed on each of the first two nights of the holiday. The Seder is a fifteen-step family-oriented tradition and ritual-packed feast.

The focal points of the Seder are:

- Eating matzah.
- Eating bitter herbs—to commemorate the bitter slavery endured by the Israelites.
- Drinking four cups of wine or grape juice—a royal drink to celebrate our newfound freedom.
- The recitation of the Haggadah, a liturgy that describes in detail the story of the Exodus from Egypt. The Haggadah is the fulfillment of the biblical obligation to recount to our children the story of the Exodus on the night of Passover. It begins with a child asking the traditional "Four Questions."

Chabad of Fremont will hold a community First Seder on Friday, April 15 starting at 7 p.m. at the Jewish Center in Fremont. Discover the Seder's relevance to today's modern Jew. Limited space is available, so make reservations ahead of time at www.chabadfremont.com/seder or email Chaya Fuss at Chaya@chabadfremont.com.

First Seder at Chabad of
Fremont
Friday, Apr 15
7 p.m.

Chabad of Fremont
Jewish Center
4251 Peralta Blvd., 94536
(510) 300-4090

www.chabadfremont.com/seder

Been In An Accident? Paint Fading? Have Dents, or Scratches On Your Car? Come By For A Free Written Estimate!



CALL NOW!
510-737-5724



44201 S. Grimmer, Blvd.
Fremont, CA 94538



@dgaautobodyandpaint

SPRING SALE!

@dgaautobodyandpaint

Overall Paint Services Starting at \$999.00

\$200.00 Off Customer Pay Collision Work - On Estimates Over \$1000.00

www.DGAutoBodyPaint.com

Not valid with other promotions. Trucks, vans, SUVs and commercial vehicles subject to additional charges. Valid for retail customers only. Valid at this location only. Void where prohibited.

Parts, body work, prep, rust repair and stripping of old paint at an additional charge. Limited time only. Offer not valid on work in progress. Additional exclusions may apply. Valid through April 15th, 2022

Argus

c/o Bay Area News Group-East Bay
41424 Christy St.
Fremont, CA 94538
510-403-4483
2003193

CALIF. NEWSPAPER SVC.
BILLING DEPT.
PO BOX 60460
LOS ANGELES, CA 90060

Legal No.

0006659255

PROOF OF PUBLICATION**FILE NO. 3573160**

In the matter of

Argus

The Argus

I am a citizen of the United States. I am over the age of eighteen years and not a party to or interested in the above-entitled matter. I am the Legal Advertising Clerk of the printer and publisher of The Argus, a newspaper published in the English language in the City of Fremont, County of Alameda, State of California.

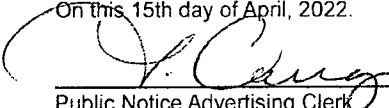
I declare that the Argus is a newspaper of general circulation as defined by the laws of the State of California as determined by this court's order dated July 28, 2008 in the action entitled In the Matter of the Ascertainment and Establishment of the Standing of The Argus as a Newspaper of General Circulation, Case Number HG08-390724. Said order states "The Argus" has been established, printed and published in the City of Fremont, County of Alameda, State of California; That it is a newspaper published daily for the dissemination of local and telegraphic news and intelligence of general character and has a bona fide subscription list of paying subscribers; and...THEREFORE, IT IS ORDERED, ADJUDGED AND DECREED....That "The Argus" is a newspaper of general circulation for the City of Fremont, County of Alameda, California. Said order has not been revoked.

I declare that this notice, of which the annexed is a printed copy, has been published in each regular and entire issue of said newspaper and not in any supplement thereof on the following dates, to wit:

04/15/2022

I certify (or declare) under the penalty of perjury that the foregoing is true and correct.

Executed at Richmond, California.
On this 15th day of April, 2022.

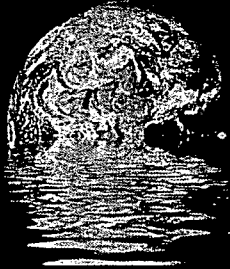

Public Notice Advertising Clerk

FRIDAY, APRIL 15, 2022

511 BAY AREA NEWS GROUP 7



Protect Your Bay On Earth Day



Visit Union Sanitary District's Booth At Fremont's Earth Day Celebration

Saturday, April 23, 2022 - 11 a.m. to 3 p.m.
Downtown Event Center & Plaza
3500 Capitol Avenue

StopFOG With A FREE Grease Scraper!

Learn how to prevent expensive repairs and protect the environment by keeping Fats, Oil and Grease (FOG) out of your sewer.

FREE Thermometer Exchange

USD will trade your mercury thermometer for a non-hazardous version at no charge. We will also recycle other mercury-containing devices for you.

For more information, call USD at (510) 477-7636
or visit www.unionsanitary.ca.gov

Protecting The Tri-Cities and San Francisco Bay

CNSB #3573160



Try it. Love it.

BayArea
NewsGroup

Working from home just got more comfortable.

New electric heat pumps.
Heat, cool and save.



THE SWITCH IS ON



SWITCHISON.ORG