



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

**Monday, June 27, 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: 879 2899 4795 #

Participant ID: #

Click the Zoom link below to watch and listen:
<https://us02web.zoom.us/j/87928994795>

	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 June 13, 2022.
Information	5.	May 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.
Public Hearing	8.	Public Hearing to Consider Collection of Sewer Service Charges on the Tax Rolls for Fiscal Year 2023 and Adoption of a Resolution Electing to Collect Sewer Service Charges on the Tax Rolls <i>(to be reviewed by the Budget and Finance Committee)</i> .
Motion	9.	Consider Approving Proposed Operating and CIP Budget for Fiscal Year 2023 <i>(to be reviewed by the Budget and Finance Committee)</i> .
Motion	10.	Consider a Resolution to Accept the Construction of the FY 21 Gravity Sewer Rehabilitation/Replacement Project - Phase VII from Casey Construction Inc. <i>(to be reviewed by the Engineering and Information Technology Committee)</i> .
Motion	11.	Consider Adoption of a Resolution Authorizing the Use of Teleconference Meetings in Compliance with AB 361.
Information	12.	Legislative Update on Issues of Interest to the Board <i>(to be reviewed by the Legislative Committee)</i>
Information	13.	COVID-19 Update.
Information	14.	Check Register.
Information	15.	Committee Meeting Reports. <i>(No Board action is taken at Committee meetings):</i> <ol style="list-style-type: none"> Legislative Committee – Wednesday, June 22, 2022, at 10:30 a.m. <ul style="list-style-type: none"> Director Fernandez and Director Handley Budget & Finance Committee – Thursday, June 23, 2022, at 9:30 a.m. <ul style="list-style-type: none"> Director Fernandez and Director Kite Engineering and Information Technology Committee – Thursday, June 23, 2022, at 4:15 p.m. <ul style="list-style-type: none"> Director Handley and Director Lathi Legal/Community Affairs Committee – Friday, June 24, 2022, at 10:30 a.m. <ul style="list-style-type: none"> Director Kite and Director Lathi

e. Personnel Committee – Will not meet.

Information

-
16. General Manager's Report. *(Information on recent issues of interest to the Board).*
-
17. 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.
-
18. Adjournment – The Board will adjourn to the next Regular Board Meeting to be held virtually on Monday, July 11, 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.



LEGISLATIVE COMMITTEE MEETING
Committee Members: Director Fernandez and Director Handley

Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

AGENDA
Wednesday, June 22, 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

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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 June 27, 2022:

- Legislative Update on Issues of Interest to the Board

5. Adjournment

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

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BUDGET & FINANCE COMMITTEE MEETING
Committee Members: Director Fernandez and Director Kite

AGENDA

Thursday, June 23, 2022
9:30 A.M.

Alvarado Conference Room
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

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2. Roll Call

3. Public Comment

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4. Items to be reviewed for the Regular Board meeting of June 27, 2022:

- May 2022 Monthly Operations Report – Financial Reports
 - Public Hearing to Consider Collection of Sewer Service Charges on the Tax Rolls for Fiscal Year 2023 and Adoption of a Resolution Electing to Collect Sewer Service Charges on the Tax Rolls
 - Consider Approving Proposed Operating and CIP Budget for Fiscal Year 2023
-

5. Adjournment

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

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ENGINEERING AND INFORMATION TECHNOLOGY COMMITTEE MEETING

Committee Members: Director Handley and Director Lathi

Directors

Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

AGENDA

Thursday, June 23, 2022

~~11:30 A.M.~~ 4:15 P.M.

Alvarado Conference Room

5072 Benson Road

Union City, CA 94587

Officers

Paul R. Eldredge
*General Manager/
District Engineer*

Karen W. Murphy
Attorney

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1. Call to Order

2. Roll Call

3. Public Comment

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4. Items to be reviewed for the Regular Board meeting of June 27, 2022:

- Consider a Resolution to Accept the Construction of the FY 21 Gravity Sewer Rehabilitation/Replacement Project - Phase VII from Casey Construction Inc.
-

5. Adjournment

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

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**LEGAL/COMMUNITY AFFAIRS
COMMITTEE MEETING**

Committee Members: Director Kite and Director Lathi

Directors

Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

AGENDA

Friday, June 24, 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 June 27, 2022:

- May 2022 Monthly Operations Report – Odor and Workgroup Reports

5. Adjournment

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

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

**MINUTES OF THE MEETING OF THE
BOARD OF DIRECTORS OF
UNION SANITARY DISTRICT/UNION SANITARY DISTRICT FINANCING
AUTHORITY
June 13, 2022**

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

CALL TO ORDER

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

SALUTE TO THE FLAG

ROLL CALL

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

ABSENT: Jennifer Toy, Secretary

STAFF: Paul Eldredge, General Manager/District Engineer
Leah Castella, District Counsel
Mark Carlson, Business Services Manager/CFO
Armando Lopez, Treatment and Disposal Services Manager
Jose Rodrigues, Collection Services Manager
Raymond Chau, Interim Technical Services Manager
Curtis Bosick, Enhanced Treatment and Site Upgrade Assistant Program Manager
Scott Martin, FMC Mechanical Maintenance Coach
Gus Carrillo, Enhanced Treatment and Site Upgrade Assistant Engineer
Karoline Terrazas, Organizational Performance Manager
Michael Dunning, Environmental Compliance Coach
May Bautista, Treatment & Disposal Administrative Specialist
Trieu Nguyen, IT Administrator
Sharon Anderson, Administrative Specialist
Regina McEvoy, Executive Assistant to the General Manager/Board Clerk

APPROVE MINUTES OF THE UNION SANITARY DISTRICT SPECIAL BOARD MEETING OF MAY 16, 2022

It was moved by Director Fernandez, seconded by Director Lathi, to Approve the Minutes of the Board Meeting of May 16, 2022. Motion carried with the following vote:

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

APPROVE MINUTES OF THE UNION SANITARY DISTRICT BOARD MEETING OF MAY 23, 2022

It was moved by Director Handley, seconded by Director Kite, to Approve the Minutes of the Special Board Meeting of May 23, 2022. Motion carried with the following vote:

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

APPROVE MINUTES OF THE UNION SANITARY DISTRICT SPECIAL BOARD MEETING OF JUNE 1, 2022

It was moved by Director Kite, seconded by Director Fernandez, to Approve the Minutes of the Special Board Meeting of June 1, 2022. Motion carried with the following vote:

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

THIRD QUARTER FISCAL YEAR 2022 DISTRICT-WIDE BALANCED SCORECARD MEASURES

This item was reviewed by the Legal/Community Affairs Committee. Organizational Performance Manager Terrazas provided an overview of the Balanced Scorecard included in the Board meeting packet and responded to Board member questions.

WRITTEN COMMUNICATIONS

There were no written communications.

PUBLIC COMMENT

There was no public comment.

AWARD THE CONSTRUCTION CONTRACT FOR THE ENHANCED TREATMENT AND SITE UPGRADE PROGRAM PHASE 1A CAMPUS BUILDING PROJECT TO ZOVICH CONSTRUCTION

This item was reviewed by the Engineering and Information Technology Committee. Enhanced Treatment and Site Upgrade Assistant Program Manager Bosick stated that Phase 1A consists of the construction of a new Campus Building with related improvements and the Aeration Basin Modification Project (AB Mods Project). The AB Mods Project construction contract was bid and awarded separately from the Campus Building Project due to the timing of the projects and differing type of work required for each. The Campus Building Project was advertised for bids on March 22, 2022. Four bids were received with the apparent low bidder being Zovich Construction. Staff recommended the Board award the construction contract, including Bid Alternates 1A, 1B, and 1C, for the Enhanced Treatment and Site Upgrade Program Phase 1A Campus Building Project to Zovich Construction in the amount of \$76,375,000.00.

It was moved by Director Fernandez, seconded by Director Kite, to Award the Construction Contract for the Enhanced Treatment and Site Upgrade Program Phase 1A Campus Building Project to Zovich Construction. Motion carried with the following vote:

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

AUTHORIZE THE GENERAL MANAGER TO EXECUTE AMENDMENT NO. 2 TO TASK ORDER NO. 2 WITH ENGEO INCORPORATED FOR THE ALAMEDA CREEK-FORCE MAIN CROSSING GEOTECHNICAL INVESTIGATION PROJECT

This item was reviewed by the Engineering and Information Technology Committee. Technical Services Manager Chau stated that the purpose of Amendment No. 2 is to authorize additional geotechnical services for the Alameda Creek-Force Main Crossing Geotechnical Investigation Project for a fee not to exceed \$70,187.00. The amendment is for the additional effort needed to meet the permit unforeseen requirements, and the extra time required due to soil conditions.

It was moved by Director Handley, seconded by Director Kite, to Authorize the General Manager to Execute Amendment No. 2 to Task Order No. 2 with ENGEO Incorporated for the Alameda Creek-Force Main Crossing Geotechnical Investigation Project for an Amount not to exceed \$70,187.00. Motion carried with the following vote:

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

AUTHORIZE THE GENERAL MANAGER TO EXECUTE CONTRACT CHANGE ORDER NO. 3 WITH CLARK CONSTRUCTION GROUP - CALIFORNIA, LP FOR THE STANDBY POWER GENERATION SYSTEM UPGRADE PROJECT

This item was reviewed by the Engineering and Information Technology Committee. Technical Services Manager Chau stated that on November 10, 2020, the District and Cummins Sales and Service (Cummins) executed a Supply Agreement in the amount of \$3,122,090 for supplying the Project's standby power equipment. Cummins anticipated the Supply Agreement would be transferred from the District to Clark by March 2021. However, the Supply Agreement was not transferred until May 2022. The delay was primarily due to the additional time required for the State Water Resources Control Board's (SWRCB's) review of the District's State Revolving Fund (SRF) application and for the District to finalize the SRF loan. Cummins submitted an escalation cost request via Clark for the standby power equipment. Cummins indicated that the escalation cost was a result of raw material shortages and higher than expected inflation. Staff recommended the Board authorize the General Manager to execute Contract Change Order No. 3 with Clark Construction Group – California, LP (Clark) in the amount of \$280,193 for the Standby Power Generation System Upgrade Project (Project).

It was moved by Director Kite, seconded by Director Handley, to Authorize the General Manager to Execute Contract Change Order No. 3 with Clark Construction Group – California, LP for the Standby Power Generation System Upgrade Project in the Amount of \$280,193. Motion carried with the following vote:

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

CONSIDER A RESOLUTION TO ACCEPT THE CONSTRUCTION OF THE EMERGENCY OUTFALL IMPROVEMENTS PROJECT FROM GARNEY PACIFIC, INC.

This item was reviewed by the Engineering and Information Technology Committee. Technical Services Manager Chau stated that on May 10, 2021, the Board awarded the construction contract for the Project to Garney in the amount of \$1,399,700. Staff issued the Notice to Proceed to Garney on June 8, 2021. The 210-day project was scheduled to be completed on January 3, 2022. The Project experienced delays due to differing site conditions which resulted in the replacement of additional outfall pipeline located between the Plant and Old Alameda Creek. Garney completed the Project on January 28, 2022. Staff recommended the Board consider a resolution to accept the construction of the Emergency Outfall Improvements Project (Project) from Garney Pacific, Inc. (Garney) and authorize recordation of a Notice of Completion.

It was moved by Director Fernandez, seconded by Director Kite, to Adopt Resolution No. 2969 to Accept the Construction of the Emergency Outfall Improvements Project from Garney Pacific, Inc. and authorize recordation of a Notice of Completion. Motion carried with the following vote:

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

CONSIDER ADOPTION OF A RESOLUTION AUTHORIZING THE USE OF TELECONFERENCE MEETINGS IN COMPLIANCE WITH AB 361 AND DISCUSS RETURN TO IN-PERSON MEETINGS

District Counsel Castella 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 provided an update on the status of the COVID-19 Emergency Order. The Board directed staff that Board and Committee meetings will continue to be held via teleconference pursuant to the Board's prior direction. The Board also directed staff to revisit in-person meetings at the July 25, 2022, Board meeting. Staff recommended the Board adopt a resolution authorizing the use of teleconference meetings in compliance with AB 361.

The Board directed staff to prepare a proposal for upgrading the Boardroom to accommodate hybrid meetings to be presented at the July 25, 2022, Board Meeting.

It was moved by Director Handley, seconded by Director Fernandez, to Adopt Resolution No. 2970 Authorizing the Use of Teleconference Meetings in Compliance with AB 361. Motion carried with the following vote:

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

INFORMATION ITEMS:

Certificates of Merit to Union Sanitary District's Class I Permitted Industries

This item was reviewed by the Legal/Community Affairs Committee. Environmental Compliance Team Coach Dunning stated the Certificates of Merit presentation is an annual event held to recognize industries that have exceeded the requirements of their wastewater discharge permits during the prior calendar year. The District's advertisement honoring award recipients will be printed in the June 14, 2022, issue of Tri-City Voice and the June 17, 2022, issue of The Argus newspapers.

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

GENERAL MANAGER'S REPORT:

General Manager Eldredge stated the following:

- There are several recruitments in progress: Capital Improvements Coach, Human Resources Manager, Senior Financial Analyst, Capital Improvements Administrative Specialist, (2) Operators, and (1) Fabrication, Maintenance and Construction Mechanic. We will also soon be recruiting for Customer Service Team Coach.
- The results of the SRF Loan for the Enhanced Treatment Site Upgrade program have been pushed out to the end of June, early July.
- The Fremont and Newark State of the City events will both be held on Thursday, June 23, 2022. Newark has a virtual option available.
- The most recent population numbers for the District's service area have decreased by 3.3%, from 356,000 to 345,000.
- The Board was asked to consider establishing an Ad-hoc Committee to review the Quarterly Investment Report. The Board directed staff to present the item at a future meeting for consideration.

OTHER BUSINESS:

There was no other business.

ADJOURNMENT:

The meeting was adjourned at 5:06 p.m. to the next Regular Board Meeting to be held virtually on Monday, June 27, 2022, at 4:00 p.m.

SUBMITTED:

ATTEST:

SHARON ANDERSON
ADMINISTRATIVE SPECIALIST

JENNIFER TOY
SECRETARY

APPROVED:

ANJALI LATHI
PRESIDENT

Adopted this 27th day of June 2022



Union Sanitary District

Monthly Operations Report May 2022



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2022 MONTHLY OPERATIONS REPORT

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

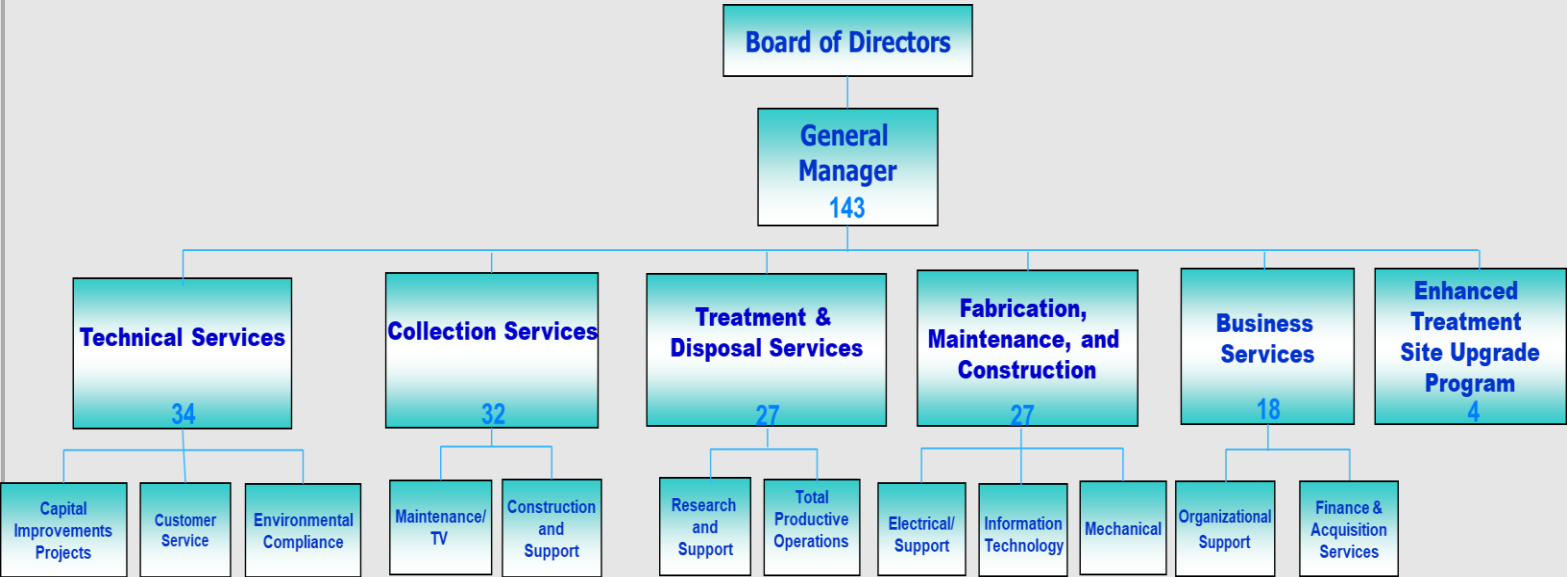
- **Organizational Overview**
- **Financial Reports**
 - Budget and Finance Report
 - Investment Portfolio
 - Portfolio Holdings by Asset Class and by Maturity Range
- **Customer Relations**
 - Odor Investigations and Response
 - Service Request and Response
 - Communication and Outreach
- **Plant Operations**
- **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 05/31/22

92% of year elapsed

Revenues

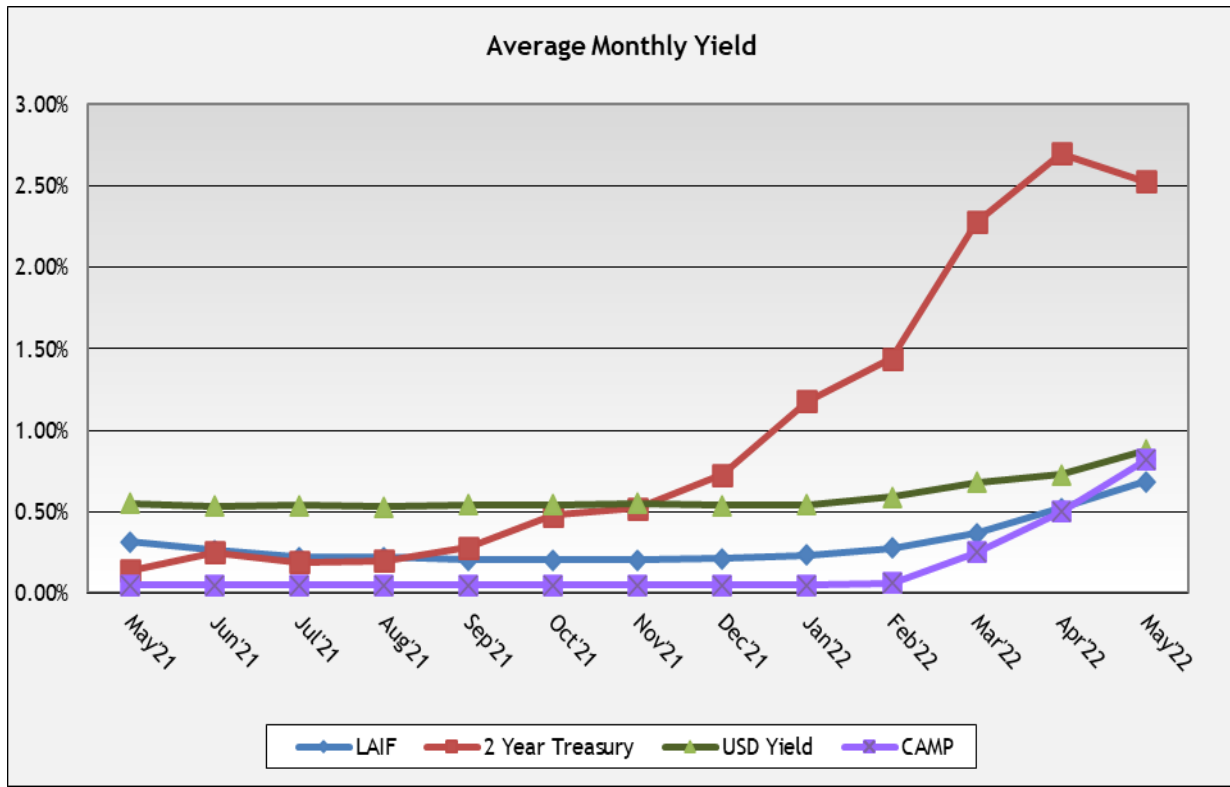
	Budget	Actual	% of Budget Rec'd	Audited Last Year Actuals 6/30/21
Capacity Fees	\$ 4,949,820	\$ 4,855,164	98%	\$ 9,358,209
Sewer Service Charges	74,716,000	70,113,684	94%	62,142,806
Operating (Includes work groups and fund 85)	1,260,900	1,106,388	88%	1,315,019
Interest	1,085,000	954,900	88%	1,438,294
Misc. (Annex fees, forfeited deposits, Heliovaas)	50,000	1,595,093	3190%	17,720
Subtotal Revenues	\$ 82,061,720	\$ 78,625,228	96%	\$ 74,272,049
Bond Proceeds	110,000,000	110,626,705	100.6%	-
Total Revenues + Bond Proceeds	\$ 192,061,720	\$ 189,251,933	99%	\$ 74,272,049

Expenses

	Budget	Actual	% of Budget Used	Last Year Actuals
Capital Improvement Program:				
Capacity Proj.	\$ 14,949,000	\$ 8,937,462	60%	\$ 21,520,168
Renewal & Repl. Proj.	28,240,200	9,835,094	35%	11,598,759
Operating (includes fund 85)	46,905,403	39,476,853	84%	45,515,755
Special Projects	3,960,104	567,679	14%	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	279,998	30%	502,358
Plant & Pump Stat. R&R	400,000	224,697	56%	162,400
Emerg. Fund	-	-	0%	
Cty Fee for SSC Admin.	115,000	111,726	97%	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	\$ 71,217,733	64%	\$ 84,790,419
Total Revenue & Proceeds less Expenses	\$ 79,986,520	\$ 118,034,200		(10,518,370)

Investment Portfolio

Performance Measures for the USD Investment Portfolio



	Jan'22	Feb'22	Mar'22	Apr'22	May'22
LAIF	0.23%	0.28%	0.37%	0.52%	0.68%
2 Year Treasury	1.18%	1.44%	2.28%	2.70%	2.53%
USD Yield	0.54%	0.59%	0.68%	0.73%	0.88%
CAMP	0.05%	0.06%	0.25%	0.50%	0.82%

LAIF: Local Agency Investment Fund Yield

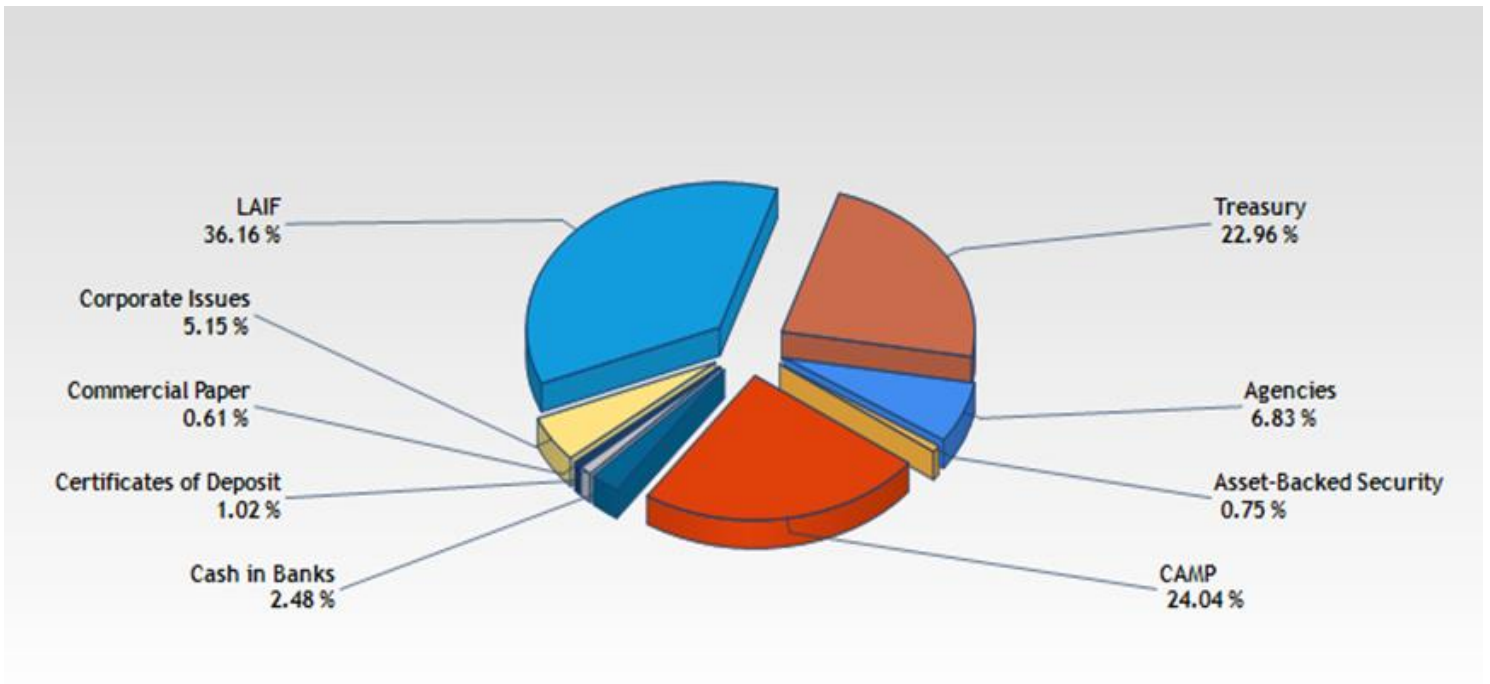
2 Year Treasury: Yield for investing in 2-Year U.S. Treasury security

USD Yield: Summarizes USD portfolio's yield

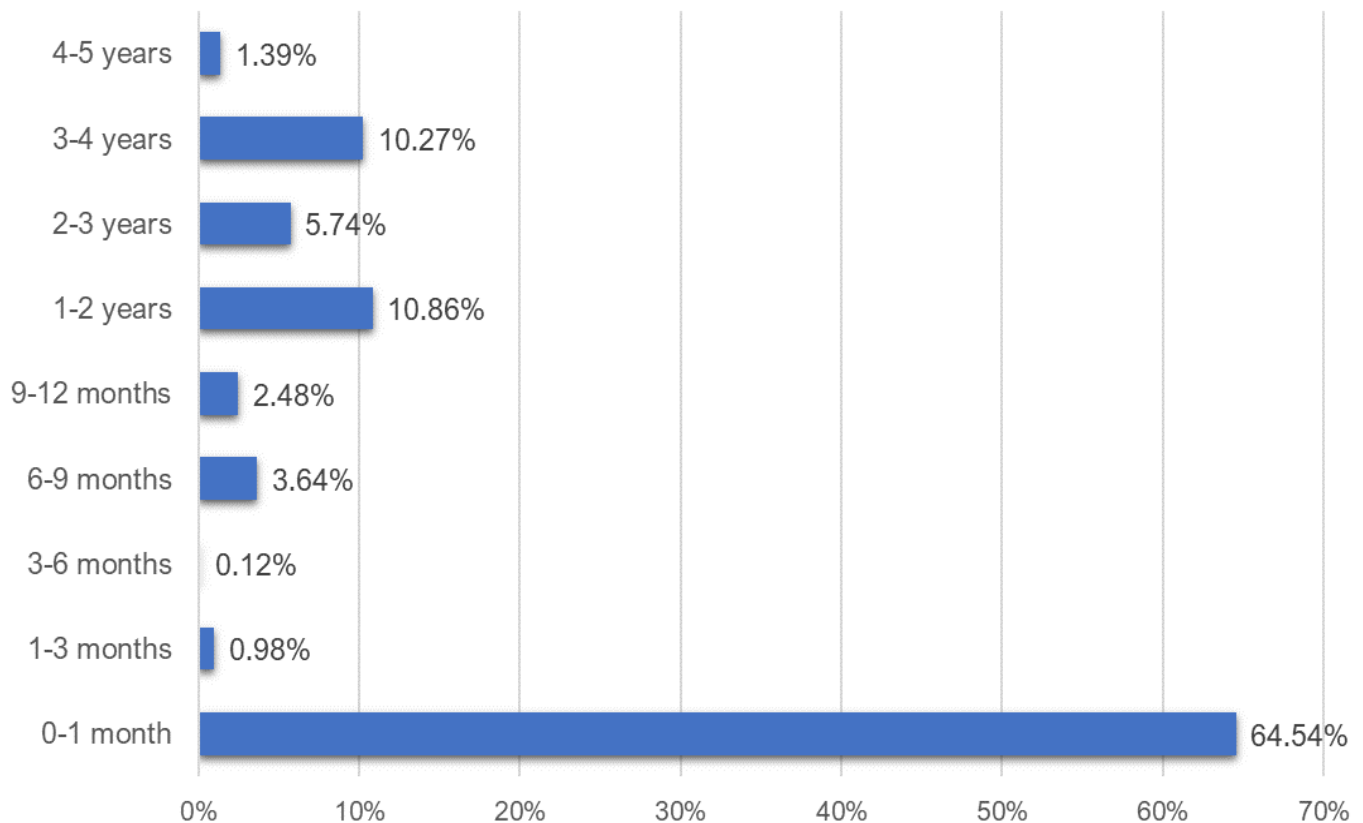
CAMP: California Asset Management Program Yield

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 May 1, 2022, through May 31, 2022, there was 1 odor related service request(s) received by the District.

City	Fremont		
District Related:	No	Date/Time:	5/31/2022 7:50PM
Location:	MACKINAW ST	Reported by:	Sam Dua
Weather/Temp:	Clear / 62°F	Wind:	West / 13.4 mph
Response and Follow-up: Caller reported an intermittent odor throughout the day, believed to be a sewer-like smell. An on-site investigation was conducted. No odor was detected at the treatment plant. The odor control system was working properly. At the time of the initial odor report, the tide level was low. No odor was found.			

Union Sanitary District Odor Map and Report

Union Sanitary District-
Alvarado
Treatment Plant



1 No Odor found

Union City

Newark

Fremont

Legend

Odor Complaints: May 2022

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

Odor Complaints: Jun. 2021 to Apr. 2022

- ★ Odor found, USD resolved (2)
- Odor found, not related to USD (4)
- ▲ No odor found (12)

Location of Odor Reports June 2021 to May 2022

0 0.5 1 2 3 4 5 Miles





Customer Relations

2022 MONTHLY OPERATIONS REPORT

Customer Service Response

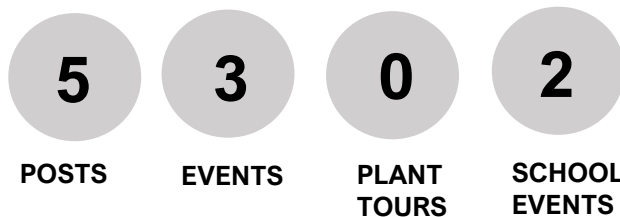
Front Desk Trouble Calls

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
May-22	10	1	1	12
Apr-22	11	0	0	11
Mar-22	10	1	1	12
Feb-22	9	7	3	19
Jan-22	8	5	3	16
Dec-21	11	2	2	15
6 Month Total				85
May-21	12	2	1	15

Communication and Outreach

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



Social Media Posts:

- Homeowners Fair (3 posts)
- Don't flush these items
- Memorial Day Holiday closure

Events:

- 2 School Presentations
- Presentation at Alameda County Assessor's Office Homeowner Fair - Fremont

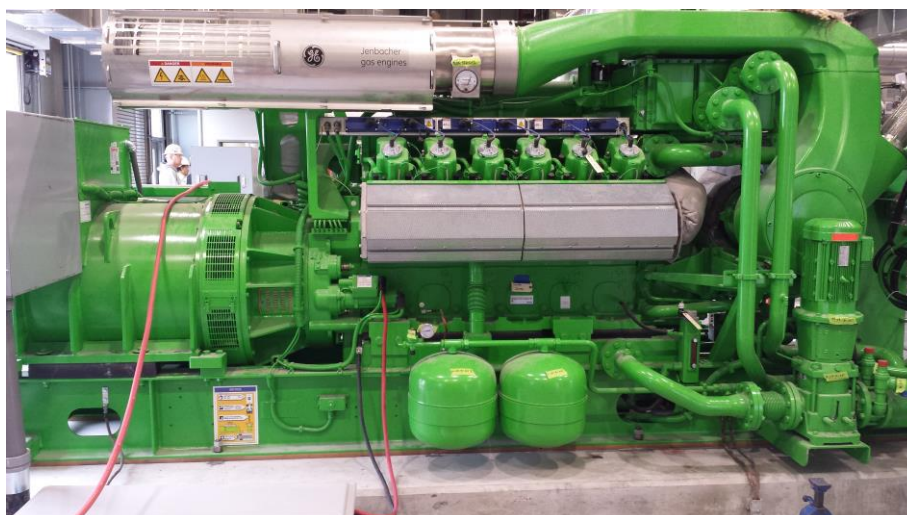
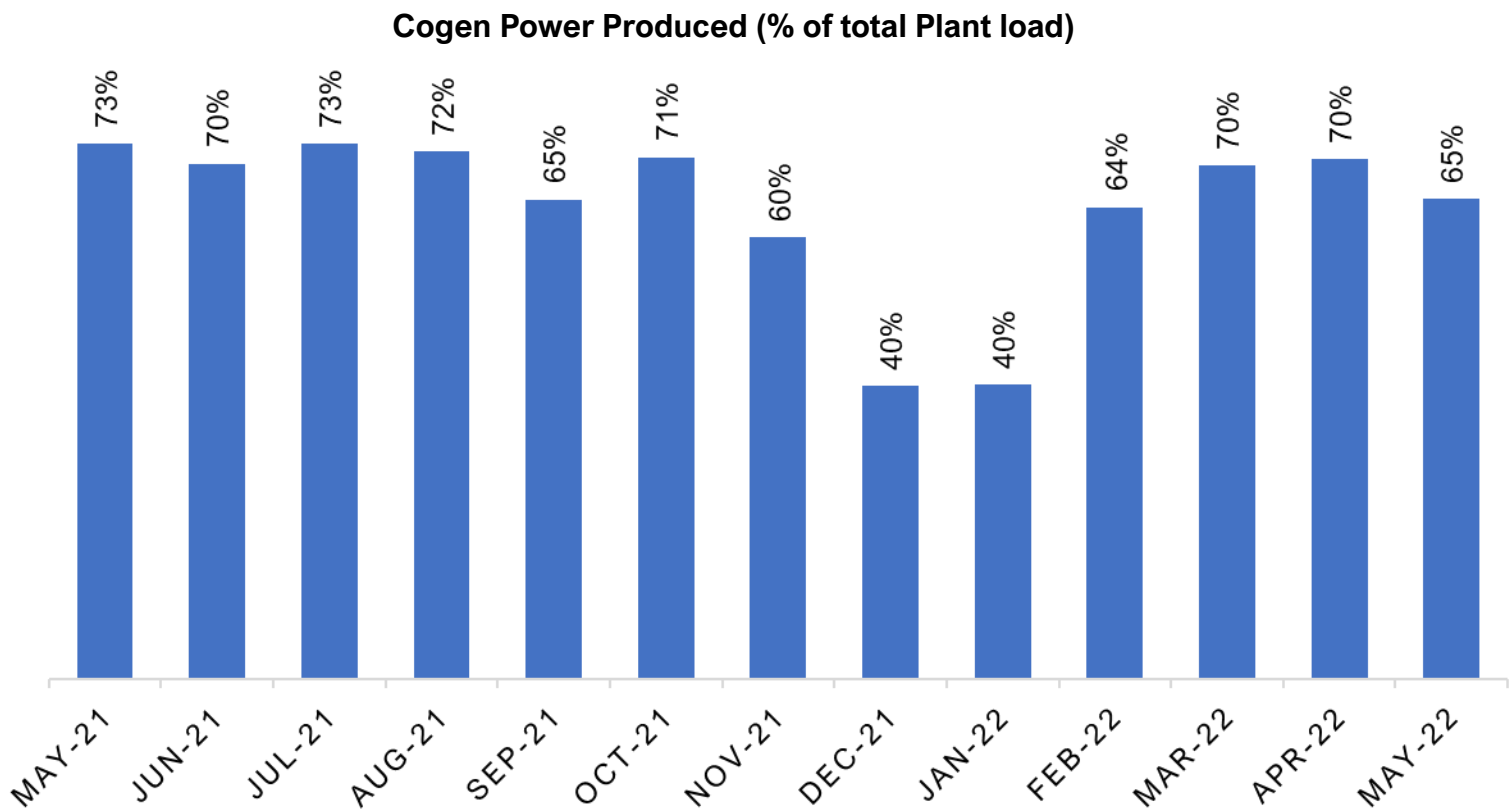
Other Activities:

- Niles Rotary presentation
- Alameda Co. Science Fair Excellence in Water Research Award winners' recognition (virtual)



Cogeneration Engines at USD's Wastewater Treatment Plant

The chart below shows the percentage of Plant power usage generated by the District's cogeneration (cogen) engines monthly. The engines use biogas produced by the wastewater treatment process to generate power for the District's treatment plant and lower energy costs.



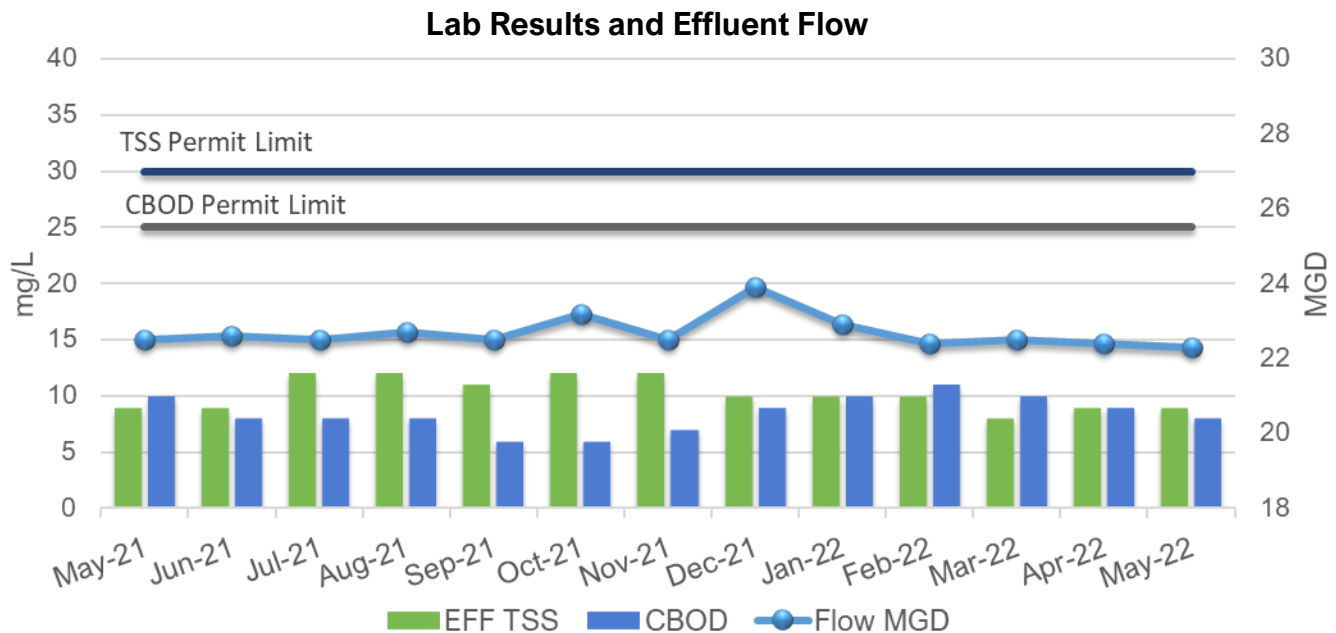


Plant Operations

2022 MONTHLY OPERATIONS REPORT

Lab Monitoring Results

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



EFF SS: Effluent Suspended Solids

CBOD: Carbonaceous Biochemical Oxygen Demand

MGD: Million Gallons per Day

USD's Final Effluent Monthly Monitoring Results

Parameter	Permit Limit	Mar-22	Apr-22	May-22
Copper, µg/l	78	5.5	3.7	4.9
Mercury, µg/l	0.066	N/A	N/A	0.0026
Cyanide, µg/l	42	ND 0.9	E 1.3	ND 0.9
Ammonia- N, mg/L (Range)	130	42.9 - 56.1	37.3 - 45	41.6 - 45.1
Fecal Coliform, MPN/100ml (Range)				
• 5-Day Geometric Mean	500	26 - 40	13 - 21	23 - 34
• 11-Sample 90th Percentile	1100	60 - 75	7 - 138	138 - 138
Enterococci				
• Monthly Geometric Mean	240	29.8	10	22.4

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



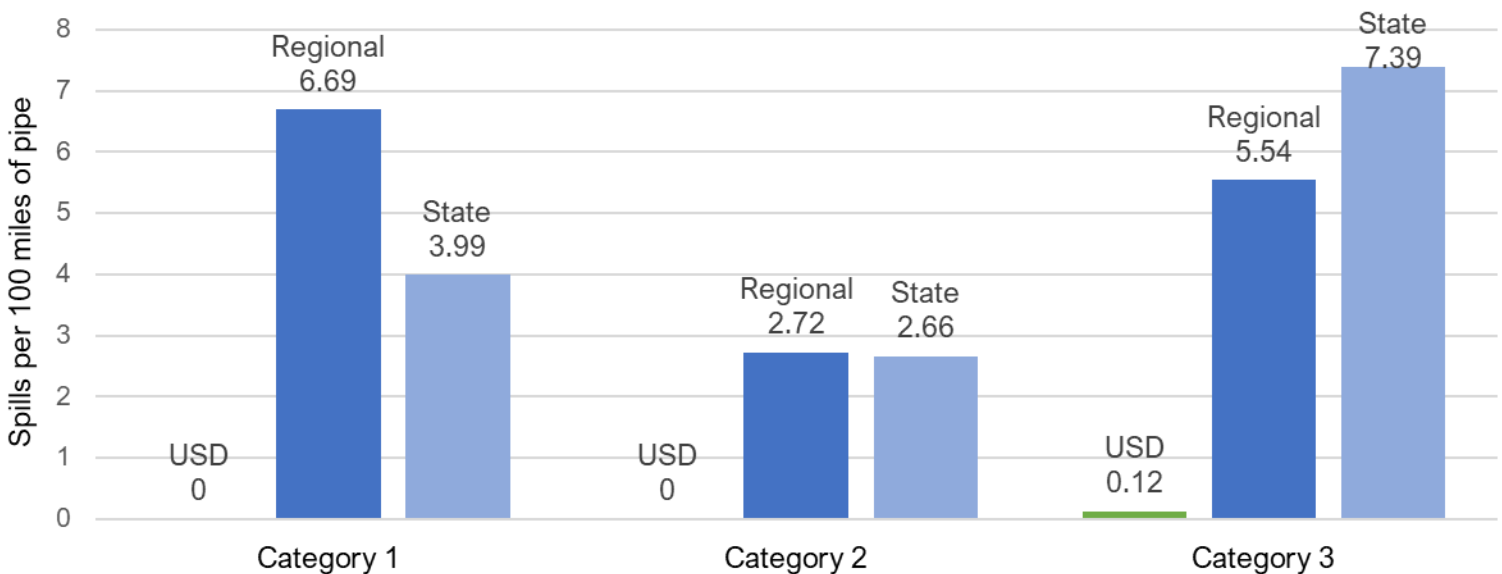
Maintenance Report

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.

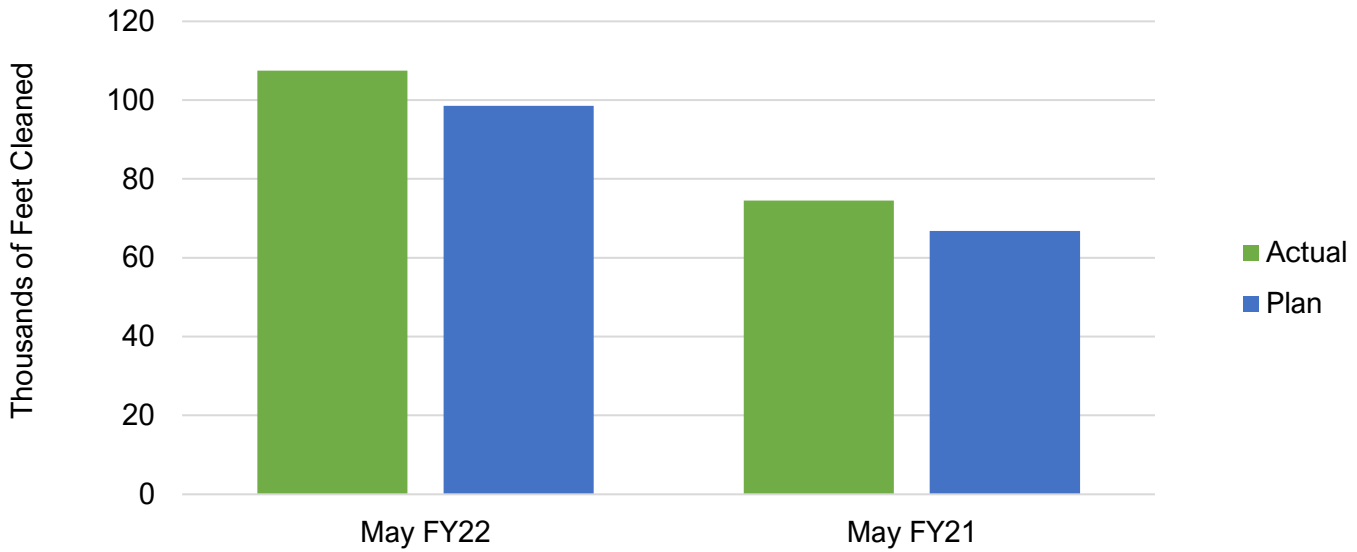
	This Month	Fiscal Year to Date	Historical Monthly Average
Sewer Line Repairs- # of Open Trench	0	9	2
Sewer Line Repairs- # of Trenchless	17	204	14
Work Orders Completed on Vehicles and Buildings	171	2112	171



Maintenance Report

2022 MONTHLY OPERATIONS REPORT

Sewer Line Cleaning



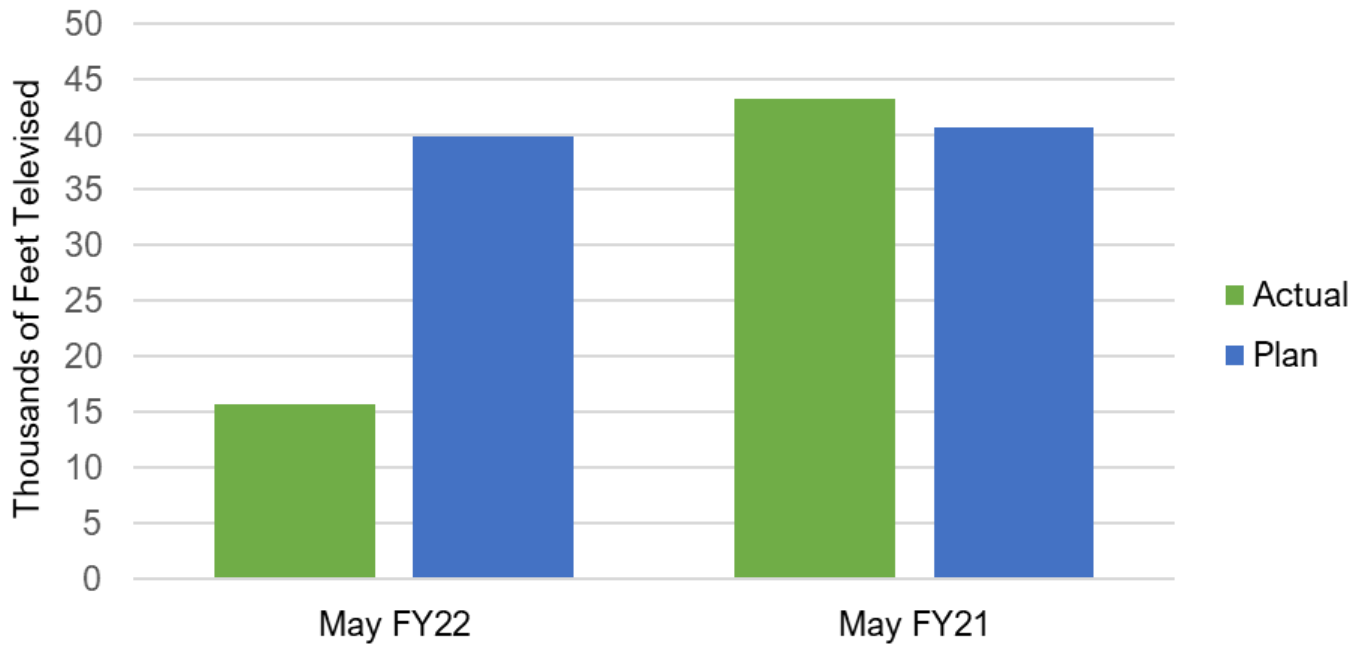
Cleaning Cost per Foot=\$1.04									
Description	FY22 Qtr 1 Footage	FY22 Qtr 2 Footage2	FY22 Qtr 3 Footage	Apr-22 Footage2	May-22 Footage3	FY22 Footage	Historical FY21 Footage	FY22 Goal	% Completed to Plan
84 Month Hydro-Jet Clean	145,468	114,122	191,274	77,434	78,336	606,634	537,616	634,499	95.6%
Selective Line Cleaning	49,758	60,399	45,349	8,750	11,481	175,737	200,764	193,168	91.0%
Special Condition Clean (not in total)	3,108	5,616	14,551	3,435	3,278	29,988	23,622	24,124	124.3%
Root Control/Chemical Clean	58,217	129,393	75,831	28,928	17,695	310,064	338,555	354,820	87.4%
Totals	253,443	303,914	312,454	115,112	107,512	1,092,435	1,081,602	1,182,487	92.4%



Maintenance Report

2022 MONTHLY OPERATIONS REPORT

Sewer Line Inspection and Televising



Televising Cost per Footage=\$1.61									
Description	FY22 Qtr 1 Footage	FY22 Qtr 2 Footage	FY22 Qtr 3 Footage	Apr-22 Footage	May-22 Footage	FY22 Footage/ Count	Historical FY21 Footage/ Count	FY22 Goal	% Completed to Plan
84 Month TV Inspection	119,296	96,938	123,587	26,874	15,706	382,401	481,639	423,311	90.3%
84 Month Manhole Inspection Count	442	608	1,060	123	151	2,384	1,163	2,351	101.4%
Visual/Condition, Pre/Post Cnst TV (not in total)	182	3,515	-	744	373	4,814	1,793	17,347	27.8%
Visual Manhole Inspection Count (not in total)	138	163	57	1	57	416	329	-	-
New Development, CIP, Misc (not in total)	5,241	3,863	7,394	5,209	3,467	25,174	33,140	39,736	63.4%
QA/QC Line Condition	-	18,196	898	-	-	19,094	19,201	19,317	98.8%
QA/QC Root Control	27,309	8,268	-	-	-	35,577	22,270	35,482	100.3%
Totals	146,605	123,402	124,485	26,874	15,706	437,072	523,110	478,110	91.4%

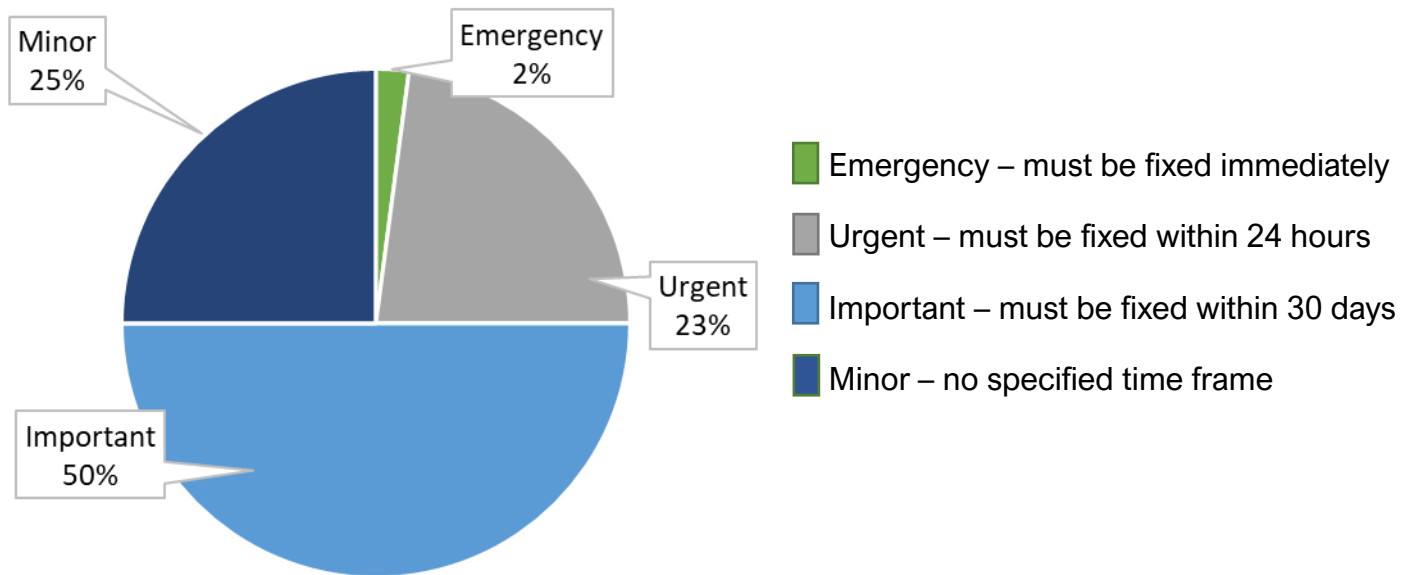


Maintenance Report

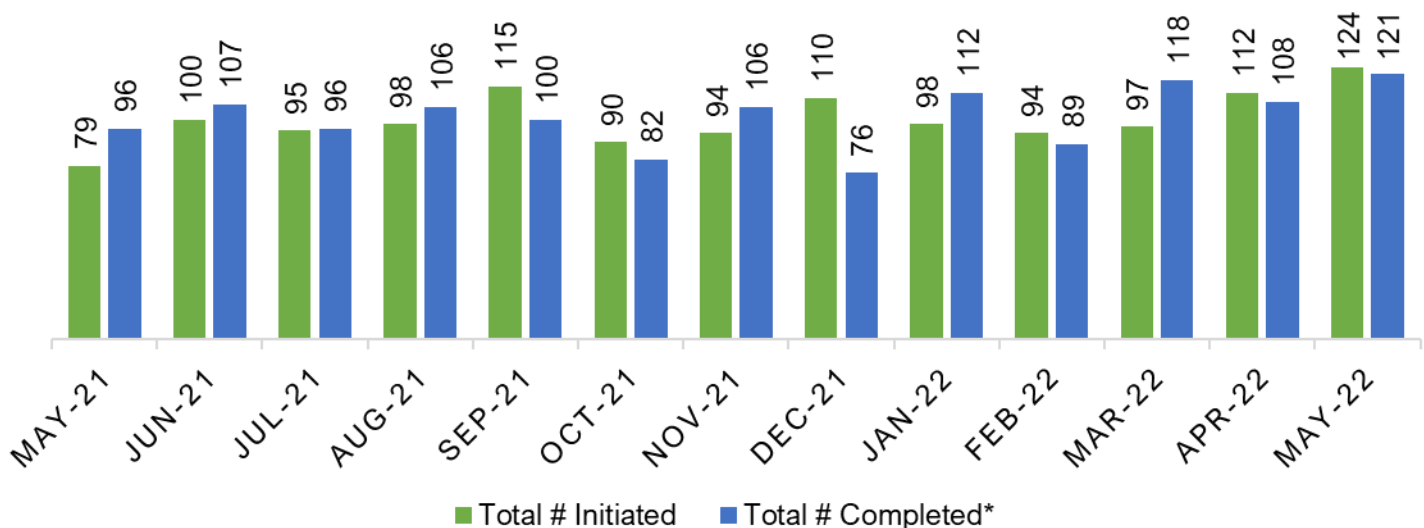
2022 MONTHLY OPERATIONS REPORT

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 99.4% of preventative maintenance activities for the month in addition to the following shown below.



Work Orders Initiated and Completed



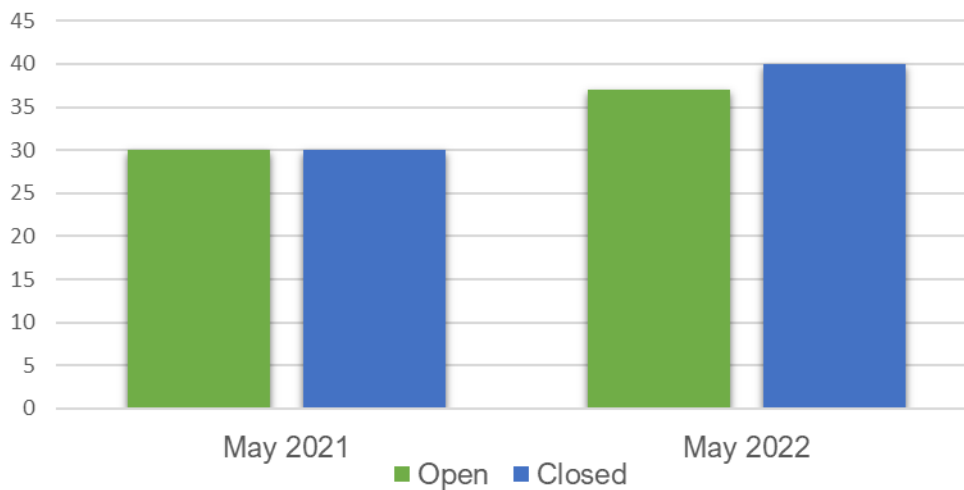
*The number of work orders completed in a month is dependent upon several factors including the availability of necessary parts and the amount of time required by staff to accomplish a given task.



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	
Email Server	Hosted	99.95%
Newark Pump Station	USD Managed	
Boyce Pump Station	USD Managed	
Irvington Pump Station	USD Managed	
SCADA	USD Managed	100%
Total Average of All USD Servers	USD Managed	

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	\$1,427	12/21	90%
2 – Alvarado Influent Pump Station Improvements Project	\$8,986	\$7,470	11/21	87%
3 – Cathodic Protection System Improvements Project	\$483	\$360	1/22	90%
4 – Centrifuge Building Improvements Project	\$688	\$559	10/21	99%
5 – Emergency Outfall Improvements Project	\$1,399	\$1,324	1/22	100%
6 – Force Main Corrosion Repairs Project – Phase 3	\$1,064	\$0	10/22	0%
7 – FY21 Cast Iron/Pipe Lining Project	\$307	\$220	5/21	100%
8 – FY21 Gravity Sewer Rehabilitation/ Replacement Project – Phase VII	\$595	\$595	10/21	100%
9- Irvington Basin Reinforced Concrete Pipe Rehabilitation Project	\$5,291	\$0	12/22	0%
10 – Primary Digester No. 7 Project	\$23,783	\$22,901	5/22	99%
11 – Standby Power Generation System Upgrade Project	\$21,135	\$0	4/24	0%
12 – Wet Weather Flow Management – Calcium Thiosulfate Chemical Feed System	\$624	\$624	2/22	100%



Digester #7 Project



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 – Plant Miscellaneous Improvements Project	\$185	\$175	3/22	85%
3 – Pump Stations Chemical System Improvements Project	\$738	\$634	10/21	95%
4 – Sodium Hypochlorite Loop Improvements Project	\$280	\$143	5/22	75%
5 – Switchboard No. 3 and MCC No. 25 Replacement Project	\$95	\$22	7/22	40%
6 – 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	\$76	7/22	65%
2 – Energy Resiliency Study	\$256	\$0	12/22	10%
3 – Force Main Condition Assessment	\$121	\$32	10/22	60%
4 – Headworks Degritting Study	\$200	\$79	10/22	40%
5 – Odor Control Alternatives Study	\$493	\$465	12/20	99%
6 – Primary Digester No. 8 Feasibility Study	\$111	\$30	9/22	20%
7 – Pump Stations Condition Assessment Study	\$250	\$111	8/22	40%
8 – Sea Level Rise Study	\$162	\$20	11/22	30%
9 – Thermal Dryer Feasibility Study	\$128	\$63	7/22	60%



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
May-22	21	0	12	5	0	3	41
Apr-22	14	0	91	6	0	2	113
Mar-22	21	0	41	1	0	4	67

*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
98	875	6	0	5	6	2	0	19

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
57	480	7	5	0	0	0	0	12

Permitted Industrial Businesses

City	Industrial Permits
Fremont	63
Newark	18
Union City	12

Examples of Permitted Industrial Businesses:

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



Staffing and Personnel

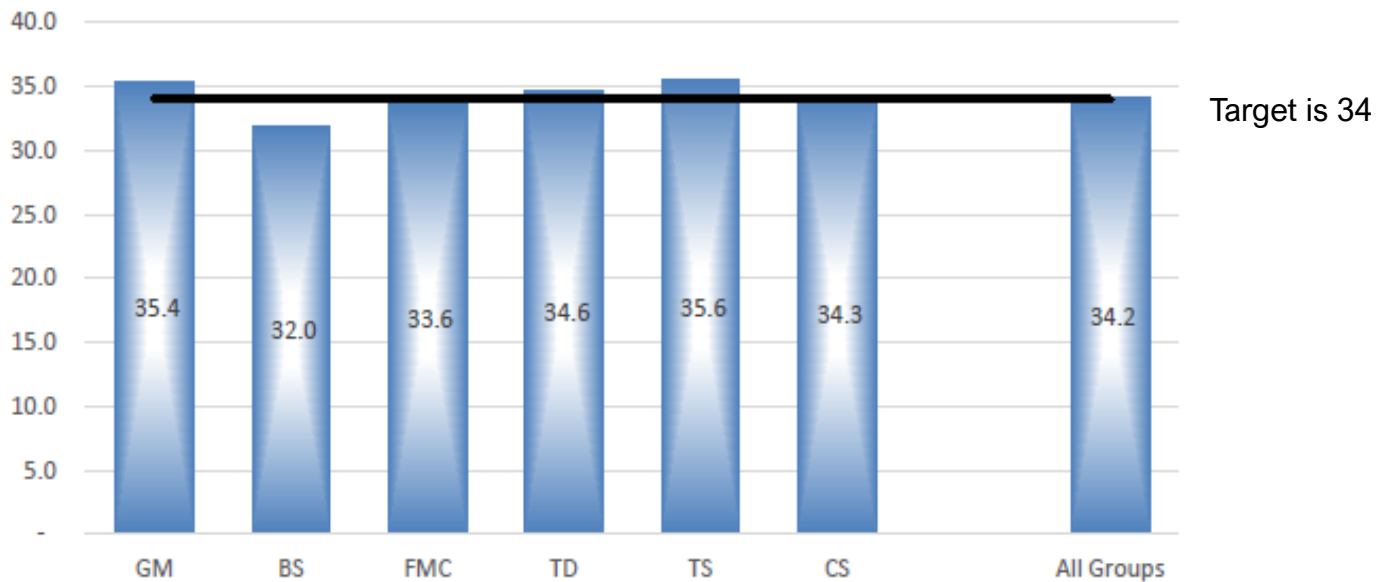
2022 MONTHLY OPERATIONS REPORT

Hours Worked and Leave Time by Work Group

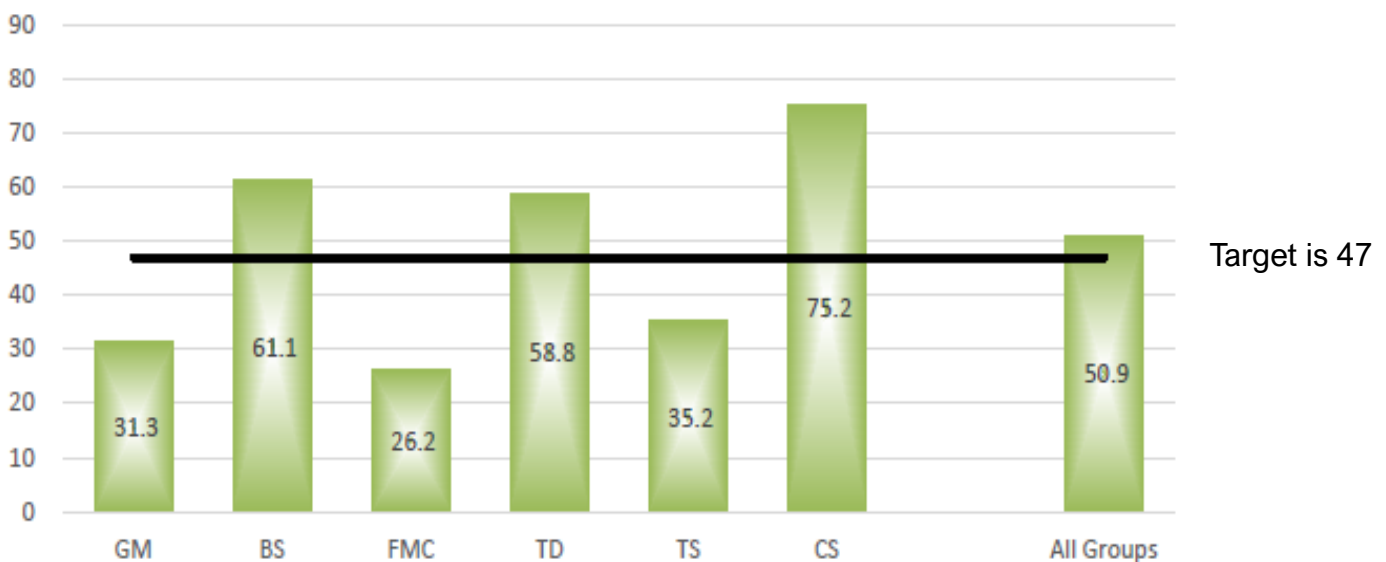
June 24, 2021 through May 25, 2022

Weeks to Date 48 out of 52 (92.3%)

At-Work Hours Per Employee Per Week



Average Annual Sick Leave Used Per Employee to Date



Recruitments

Position	Position Posted	Status
Instrument Technician/Electrician	1/5/2022	Justin Coleman, DOH 5/3/2022.
Assistant Storekeeper	2/23/2022	Kelly Pean, DOH 7/5/2022.
Administrative Specialist – Treatment & Disposal Services	3/30/2022	May Bautista, Internal transfer 5/7/2022.
Coach, Capital Improvement Projects	4/2/2022	Finalist Interviews 6/13/22.
Human Resources Manager	4/20/2022	QAI 6/15/2022.

**Directors**

Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

Officers

Paul R. Eldredge
*General Manager/
District Engineer*

Karen W. Murphy
Attorney

**JUNE 27, 2022
BOARD OF DIRECTORS MEETING
AGENDA ITEM # 8**

TITLE: **Public Hearing to Consider Collection of Sewer Service Charges on the Tax Rolls for Fiscal Year 2023 and Adoption of a Resolution Electing to Collect Sewer Service Charges on the Tax Rolls (*This is a Motion Item*)**

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

Recommendation

Conduct a public hearing and receive oral or written protests to the proposal to collect sewer service charges on the tax rolls, and if a majority protest is not received, adopt a Resolution Electing to Collect Sewer Service Charges on the Tax Rolls for FY 2023.

Discussion

The District has collected sewer service charges on the general Alameda County tax rolls for many years; however, the Board must hold a public hearing annually to consider and authorize collection of the sewer service charges on the tax rolls. The procedures required for the collection of sewer service charges on the tax rolls are set forth in California Health and Safety Code sections 5473 et seq. Pursuant to these procedures, the District may authorize the collection of sewer service charges for fiscal year 2023 to be collected on the tax rolls, consistent with past practices, by:

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

Staff prepared the report setting forth the sewer service charges to be assessed on each parcel in the District for fiscal year 2023. The report is available for public inspection at the Districts offices, and staff published notice of the report and the public hearing to consider the report in the Argus newspaper on June 17, 2022, and June 24, 2022, and in the Tri-City Voice on June 14, 2022 and June 21, 2022. Once available, a Proof of Publication from both newspapers will be filed with the Board Clerk. After considering any objection and protests to the report, the Board has the option of revising, changing, or modifying any charge specified in the report or overruling any objections and adopting the report. As of the publishing of this staff report, the District has not received any protests.

Staff recommends the Board take the following actions:

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

Background

On May 23, 2022, the Board directed staff to schedule a public hearing on June 27, 2022 regarding collection of sewer service charges on the tax rolls and to publish the required public notices.

Previous Board Action

May 23, 2022 Board Meeting - Scheduling Public Hearing to Consider Collection of Sewer Service Charges on the Tax Roll for Fiscal Year 2023

Attachments

Attachment 1 – Copy of Public Notice

Attachment 2 - Resolution

UNION SANITARY DISTRICT

NOTICE OF FILING REPORT AND PUBLIC HEARING IN CONNECTION WITH THE COLLECTION OF FISCAL YEAR 2023 SEWER SERVICE CHARGES ON THE PROPERTY TAX ROLL

NOTICE IS HEREBY GIVEN that pursuant to Sections 5471 and 5473, et seq. of the Health and Safety Code of the State of California and Union Sanitary District Ordinance No. 31, the Board of Directors of Union Sanitary District will consider whether to collect its charges for sewer services for fiscal year 2023 on the tax roll, in the same manner as general taxes, consistent with past practices.

The District has filed a written report with the Secretary of the Board of Directors describing each parcel of real property subject to the charges and the amount of the charges against that parcel for fiscal year 2023. The District's report is on file and available for public inspection at the District Offices.

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

NOTICE IS FURTHER GIVEN that on Monday, the 27th day of June 2022, at the hour of 4:00 p.m. or as soon thereafter as the matter may be heard, during the Board meeting to be held in said District as set forth below, the Board will hold a hearing to consider the report and whether to collect the sewer service charges for fiscal year 2023 on the property tax roll. At the hearing, the Board of Directors will hear and consider all objections or protests, if any, to the District's report. Any questions regarding the charges may be directed to Mark Carlson, CFO, Business Services Work Group Manager at markc@unionsanitary.ca.gov.

In light of the COVID-19 emergency and consistent with AB 361 and District resolution, the Board meeting may not be physically open to the public and Board Members may be teleconferencing into the meeting to maximize public safety while still maintaining transparency and public access. Please see the Board meeting agenda, which will be posted at least 72 hours in advance of the meeting at www.unionsanitary.ca.gov, regarding how to attend the meeting. Public comment may also be provided by sending comments to the Board Clerk by email at assistanttogm@unionsanitary.ca.gov or via voicemail by calling 510-477-7599 before 3:00 p.m. on the date of the meeting.

Publish dates: June 14, 2022 – Tri-City Voice
June 21, 2022 – Tri-City Voice
June 17, 2022 – Argus
June 24, 2022 – Argus

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

RESOLUTION NO. _____

**RESOLUTION OF THE UNION SANITARY DISTRICT BOARD OF DIRECTORS ELECTING TO
COLLECT SEWER SERVICE CHARGES ON TAX ROLLS FOR FISCAL YEAR 2023**

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

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

WHEREAS, the District Board of Directors directed the preparation of a written report on Sewer Service Charges for Collection on Tax Rolls for Fiscal Year 2023 (the “Report”); and

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

WHEREAS, the District Board of Directors, at its regular meeting of June 27, 2022, held a hearing, where the Board heard and considered all objections or protests, and protests from a majority of owners of separate parcels was not received.

NOW, THEREFORE, IT IS RESOLVED AS FOLLOWS:

1. All recitals above are true and incorporated by reference herein.
2. The Board finds that objections to and protests against the Report were not made by the owners of a majority of the separate parcels of property within the District against which sewer service charges for the services and facilities provided by the District were fixed.
3. The Board further finds that all objections to and protests have been heard by this Board and that any objections and protests are hereby overruled.
4. The Report is hereby adopted, and sewer service charges based upon these rates and the sewer service charges for fiscal year 2023 shall be collected on the tax roll of the County of Alameda in the manner provided by law.
5. The Board Clerk is hereby directed to file with the County Auditor of Alameda County, a certified copy of the Report and this Resolution stating that the Report has been adopted by the District Board of Directors.
6. The Auditor Controller of the County of Alameda shall, upon receipt of a copy of the Report showing the amounts of the charges based upon adopted rates, enter the amounts of the charges against the respective lots or parcels as they appear on the current assessment roll for fiscal year 2023.

I hereby certify that the foregoing Resolution was duly and regularly adopted and passed by at least a two-thirds vote of the Board of Directors of the UNION SANITARY DISTRICT, Alameda County, California, at a meeting thereof held on the 27th day of June, 2022.

AYES:

NOES:

ABSENT:

ABSTAIN:

Anjali Lathi, President
Board of Directors Union Sanitary District

ATTEST:

Jennifer Toy, Secretary
Board of Directors 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

**JUNE 27, 2022
BOARD OF DIRECTORS MEETING
AGENDA ITEM # 9**

TITLE: **Consider Approving Proposed Operating and CIP Budget for Fiscal Year 2023**
(This is a Motion Item)

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

Recommendation

Review and consider adoption of the Proposed Operating and CIP Budget for Fiscal Year 2023.

Discussion

Attached is the proposed Operating and CIP Budget for FY 2023. This budget reflects the Board's input and revisions made after the Budget Workshop on May 10, 2022, and the Draft Budget presented to the Board at the meeting on May 23, 2022. There are five proposed changes to the budget document since the draft was presented at the May 23, 2022 Board meeting:

- \$158,340 in additional funds have been added to the General Managers consulting budget to support an interim contract Customer Services Coach. These funds will provide for up to 5 months of coverage. This item has also been added to the Over \$100,000 list.
- \$313,860 has been added to the chemical costs due to recent increases in the both the transportation and production of polymer (coagulant used in dewatering operations). The revised prices reflect the current market conditions for petroleum based products..
- A reduction of \$38,080 in personnel costs to reflect personnel changes approved by the Board on May 23, 2022. The changes replace the Business Services Coach with a Sr. AFA and also relocates the management of the warehouse to Collection Services.
- \$70,000 was added to Special Projects for the Solids Building Potable Water Conversion project. This project will provide for the advanced treatment of the plant's secondary effluent which will be filtered and treated to higher levels to replace potable water for the biosolids dewatering.

- CIP budget changes:

ETSU Phase 1A – Campus Building (Administrative Facilities)

	FY 23	FY 24	FY 25
Previous Draft	\$36,600,000	\$52,608,000	\$0
Final	\$17,000,000	\$52,671,000	\$19,600,000

ETSU Phase 1A – Site Drainage Improvements (Treatment Plant)

	FY 23	FY 24	FY 25
Previous Draft	\$4,200,000	\$4,658,000	\$0
Final	\$1,000,000	\$4,658,000	\$3,200,000

Newark and Irvington PS Chemical System Improvements (Transport System)

	FY 23	FY 24	FY 25
Previous Draft	\$2,700,000	\$5,400,000	\$900,000
Final	\$1,500,000	\$5,000,000	\$2,500,000

The revisions to the CIP Budget are due to:

- The estimated construction contract start dates and the beginning of actual on-site construction activities.
- The larger contractor expenditures are not anticipated to occur until closer to the middle or end of Fiscal Year 2023.

Background

The Board met in a budget workshop on May 10, 2022, to discuss the proposed FY 2023 budget. Feedback from that meeting was then incorporated into a budget presentation at the May 23, 2022 Board meeting to which there was no further budget modifications recommended by the Board.

Previous Board Action

- May 10, 2022 – Board Budget Workshop
- May 23, 2022 – Budgeted presented to Board

Attachments

Attachment 1 – Budget Document



Union Sanitary District

Union City, California

Draft Operating and CIP Budget
FY 2023



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INTRODUCTION



Gas Lance Mixing Header – Digester 7

Cover Picture: Emergency Outfall Structure at the Old Alameda Creek

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Board of Directors



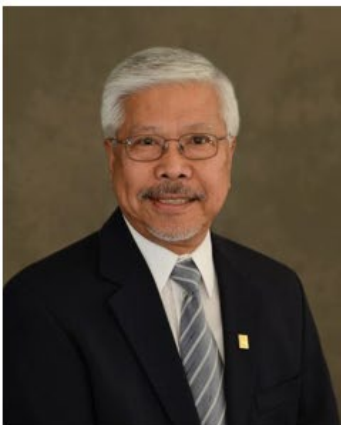
Tom Handley



Pat Kite



Anjali Lathi



Manny Fernandez



Jennifer Toy



Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

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

Karen W. Murphy
Attorney

MEMO TO: Board of Directors - Union Sanitary District

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

SUBJECT: Fiscal Year 2022/2023 Proposed Operating and CIP Budget

Union Sanitary District (USD) staff is pleased to present the proposed annual budget for Fiscal Year (FY) 2023 to the Board of Directors. This budget, covering the period from July 1, 2022 through June 30, 2023, was developed based on direction provided by the Board of Directors.

District Highlights

The District continues to focus on the operation and maintenance of its infrastructure and assets, capital project construction, planning, and effective use of technology. The District reports the following notable items that will be part of the budget for FY 2023:

Enhanced Treatment & Site Upgrade Project – The District is embarking on the ETSU Phase 1 Group of Projects as part of an overall Program to support the next 20 to 40 years of operation. The key drivers for ETSU Phase 1 projects include addressing aging infrastructure, improving water quality in the San Francisco Bay through nutrient removal upgrades, and hardening of infrastructure to support resiliency efforts to manage wet weather events and continuing to provide USD's critical services without interruption. The first group of projects is underway. These include improvements to the aeration basins and relocation of operations, maintenance, and administrative facilities. Design of Phases 1B and 1C are ongoing. It is currently anticipated that construction will continue through 2028 for the various phases.

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

2021. The District is currently waiting to hear if it will be successful in its application to the State for SRF financing to cover the balance of the ETSU Phase I project.

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

Financial State of the District

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

Revenue - Sewer Service Charges (SSC) are expected to increase by \$2.2 million in FY 2023 to \$77.0 million. FY 2022 SSC revenues included \$4.1 million of deferred revenue from FY 2021. Capacity fees are expected to increase by \$2.5 million or 50.9% over FY 2022.

Expenditures - Total District expenditures for the coming fiscal year are projected to increase by \$25.8 million or 23.0%. Operating expenses are anticipated to increase by \$3.6 million or 7.7%. Within the operating category, Salaries and Benefits are expected to increase \$1.6 million or 5.0%. Increases are primarily due to negotiated increases to salaries and the addition of a Limited Duration Planner Scheduler in the Facilities and Maintenance Department to assist with the impacts of the ETSU project on plant operations. Continued increases in pension and health insurance rates are also factors.

For FY 2023 the District is seeing increases in chemicals, insurance costs, utilities, contractor services, software maintenance and District wide parts and materials. The District continues to find ways to reduce costs through planning and wise stewardship.

The Capital Improvement Program is budgeted to increase \$25.6 million or 59.4% over FY 2022. This is the third year of higher capital costs as the District enters into a ten year \$847 million capital program. Capital project spending will continue to focus on rehabilitation and replacement of key elements of the wastewater treatment plant, transport and collections system.

In keeping with the District's continued efforts toward prudent fiscal planning, the creation of a 115 Pension Trust was adopted by the Board in FY 2022 with a budgeted contribution of \$3 million. The proposed budget for FY 2023 plans for an additional \$3 million contribution in FY 2023. It is currently

estimated that this long term fiscal planning tool will save the District over \$30 million in interest costs over the next 25 years.

Special Projects Fund expenditures will decrease by \$722,104 from FY 2022. Some of the more significant special projects are the continued set aside of \$1.5 million for property acquisitions as opportunities become available, \$350,000 for a Digester Efficiency Evaluation, and \$205,000 for an Energy Resilience Study.

Balanced Budget, Reserves and Rates

USD has long operated with a balanced budget and FY 2023 is no exception. District reserves continue to be stable. Although funds will be taken from both the Sewer Service Fund and Capacity Fund reserves in FY 2023, these are planned capital activities and are part of the long term capital investment strategy of the District.

Conclusion

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

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

Respectfully Submitted,

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

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FINANCIAL SECTION



Emergency Outfall Structure at the Old Alameda Creek

Budget Summary – All Funds

	Actual *	Actual *	Budget	Projected	Proposed	Variance to	%
	FY 19/20	FY 20/21	FY 21/22	FY 21/22	Budget	21/22 Budget	Change

Revenues							
Sewer Service Charge	\$ 60,216,148	\$ 62,142,806	\$ 74,716,000	\$ 74,110,922	\$ 76,965,000	\$ 2,249,000	3.0%
Capacity Fees	14,179,464	9,358,209	4,949,820	7,213,586	7,467,000	2,517,180	50.9%
Work Group Revenues	1,285,438	1,315,019	1,260,900	1,227,700	1,234,500	(26,400)	-2.1%
Interest	3,115,507	1,263,164	1,512,000	1,185,000	1,531,000	19,000	1.3%
Other Revenues	174,673	17,720	50,000	1,608,406	-	(50,000)	-100.0%
Net Loan Proceeds	37,000,000	-	110,000,000	110,000,000	-	(110,000,000)	-100.0%
Total Revenues	115,971,230	74,096,918	192,488,720	195,345,614	87,197,500	(105,291,220)	-54.7%

Expenditures by Type							
Operating	41,518,799	42,762,626	47,020,403	46,114,594	50,622,850	3,602,447	7.7%
Internal Service	2,091,781	2,010,132	5,886,401	5,694,238	6,178,500	292,099	5.0%
Debt Service	3,584,921	4,387,915	12,019,092	6,876,136	9,017,480	(3,001,612)	-25.0%
Special Projects	1,288,761	714,462	3,960,104	2,207,081	3,238,000	(722,104)	-18.2%
Capital Projects	12,695,833	33,118,927	43,189,200	32,776,347	68,830,200	25,641,000	59.4%
Total Expenditures	61,180,095	82,994,062	112,075,200	93,668,396	137,887,030	25,811,830	23.0%

Revenues Over (under) Expenditures	\$ 54,791,135	\$ (8,897,144)	\$ 80,413,520	\$ 101,677,218	\$ (50,689,530)	\$ (131,103,050)	-163.0%
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EXPENDITURES BY OPERATING GROUP							
Board of Directors	\$ 141,278	\$ 141,163	\$ 187,043	\$ 171,793	\$ 189,942	\$ 2,899	1.5%
General Manager	919,583	991,836	1,194,988	1,352,101	1,522,281	\$ 327,293	27.4%
Business Services***	9,910,103	10,163,040	21,905,486	16,697,003	18,662,225	\$ (3,243,261)	-14.8%
Collection Services	7,233,990	7,643,479	7,835,953	8,013,733	8,910,580	\$ 1,074,627	13.7%
Technical Services	6,577,565	6,771,336	7,208,954	7,206,590	7,361,274	\$ 152,320	2.1%
Treatment & Disposal Services	13,020,113	13,937,436	15,921,122	15,263,508	17,837,232	\$ 1,916,110	12.0%
Fabrication, Maint & Construction	9,392,869	9,512,383	10,672,350	9,980,240	11,335,296	\$ 662,946	6.2%
Capital Projects **	12,695,833	33,118,927	43,189,200	32,776,347	68,830,200	\$ 25,641,000	59.4%
Special Projects **	1,288,761	714,462	3,960,104	2,207,081	3,238,000	\$ (722,104)	-18.2%
Total by Operating Group	\$ 61,180,095	\$ 82,994,062	\$ 112,075,200	\$ 93,668,396	\$ 137,887,030	\$ 25,811,830	23.0%

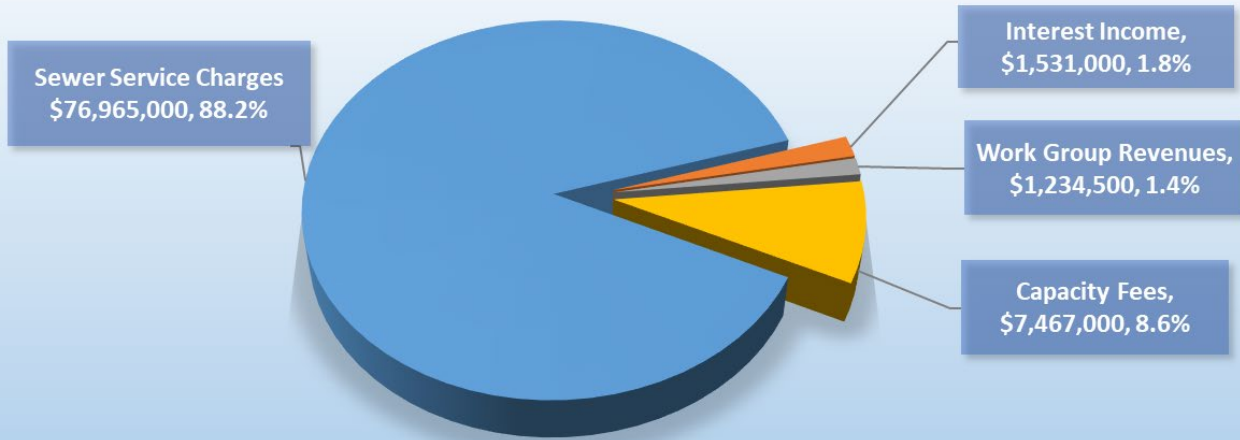
* Actual numbers based on modified accrual basis to reflect budget accounting.

** Capital Projects and Special Projects are managed by multiple departments on a collaborative basis.

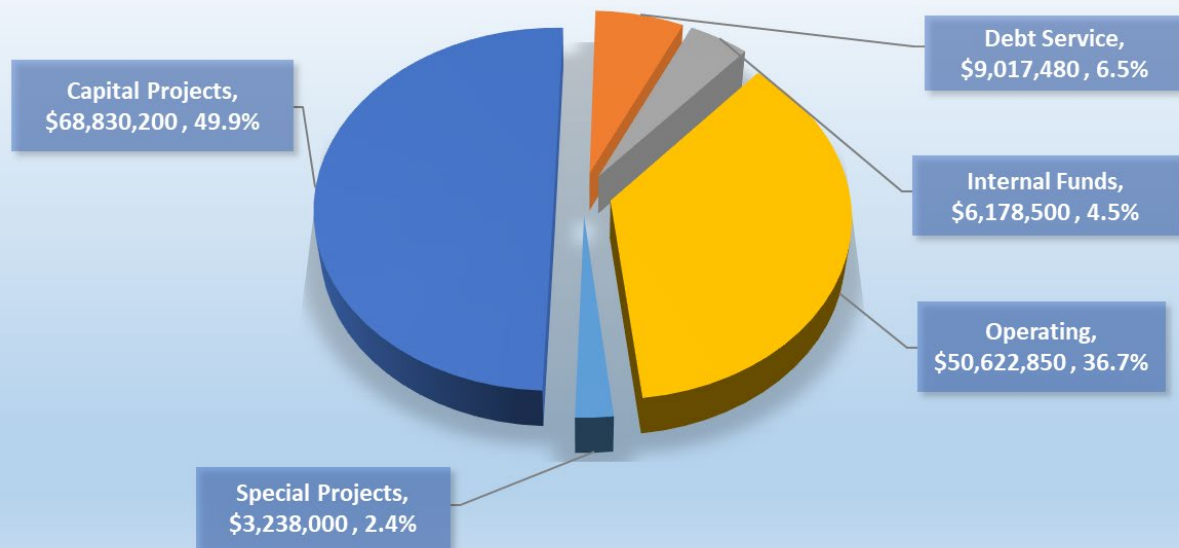
*** Business Services handles debt payments and pension management.

District Wide Revenue & Expenditures

Total Revenues \$87,197,500



Total Expenditures \$137,887,030



Combined Budget by Fund Sewer Service & Capacity Funds

	Sewer Service Fund	Capacity Fund	Total
Revenues			
Sewer Service Charge	\$ 76,965,000	\$ -	\$ 76,965,000
Capacity Fees	-	7,467,000	7,467,000
Work Group Revenues	1,234,500	-	1,234,500
Interest	564,000	967,000	1,531,000
Other Revenues	-	-	-
Net Loan Proceeds	-	-	-
Total Revenues	78,763,500	8,434,000	87,197,500
Expenditures			
Operating	50,622,850	-	50,622,850
Internal Funds	6,178,500	-	6,178,500
Debt Service	4,871,790	4,145,690	9,017,480
Special Projects	3,238,000	-	3,238,000
Capital Projects	53,206,200	15,624,000	68,830,200
Total Expenditures	118,117,340	19,769,690	137,887,030
Revenues Over (less than) Expenditures	\$ (39,353,840)	\$ (11,335,690)	\$ (50,689,530)
EXPENDITURES BY OPERATING GROUP			
Board of Directors	\$ 189,942	\$ -	\$ 189,942
General Manager	1,522,281	-	1,522,281
Business Services**	14,516,535	4,145,690	18,662,225
Collection Services	8,910,580	-	8,910,580
Technical Services	7,361,274	-	7,361,274
Treatment & Disposal Services	17,837,232	-	17,837,232
Fabrication, Maint & Construction	11,335,296	-	11,335,296
Capital Projects *	53,206,200	15,624,000	68,830,200
Special Projects *	3,238,000	-	3,238,000
Total by Operating Group	\$ 118,117,340	\$ 19,769,690	\$ 137,887,030

* Capital Projects and Special Projects are managed by multiple departments on a collaborative basis.

** Business Services manages all debt payments for the District.

REVENUES

	Actual *	Actual *	Budget	Projected	Proposed	Variance to	%
	FY 19/20	FY 20/21	FY 21/22	FY 21/22	Budget	21/22 Budget	Change
Revenues							
Sewer Service Charge	\$ 60,216,148	\$ 62,142,806	\$ 74,716,000	\$ 74,110,922	\$ 76,965,000	\$ 2,249,000	3.0%
Capacity Fees	14,179,464	9,358,209	4,949,820	7,213,586	7,467,000	2,517,180	50.9%
Work Group Revenues	1,285,438	1,315,019	1,260,900	1,227,700	1,234,500	(26,400)	-2.1%
Interest	3,115,507	1,263,164	1,512,000	1,185,000	1,531,000	19,000	1.3%
Other Revenues	174,673	17,720	50,000	1,608,406	-	(50,000)	-100.0%
Net Loan Proceeds	37,000,000	-	110,000,000	110,000,000	-	(110,000,000)	-100.0%
Total Revenues	\$ 115,971,230	\$ 74,096,918	\$ 192,488,720	\$ 195,345,614	\$ 87,197,500	\$ (105,291,220)	-54.7%

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

Sewer Service Charges - The principal revenue source for the Sewer Service Fund is the annual Sewer Service Charges (SSC), which are projected to increase over the prior year budget by \$2,249,000 or 3.0%. FY 2022, SSC revenues included \$4.1 million of deferred revenue from FY 2021. Absent the deferred revenue, the increase year over year would be \$6,329,283 or 8.9%. Single Family Dwelling (SFD) rates will increase from \$490.93 in FY 2022 to \$530.21 in FY 2023. Similarly, the annual Multi-family Dwelling rate will increase from \$432.63 in FY 2022 to \$467.24 in FY 2023. Residential rates account for approximately 77% of total sewer service charge revenues. For non-residential customers, rates are calculated annually using flow based on water usage and sewage strength.

The District collects 97% of the sewer service charge revenue on the Teeter plan through the Alameda County property tax bill. As a result, there has been no substantive impact to revenue collection for the District due to Covid-19.

Capacity Fees - The revenue source for the Capacity Fund is Capacity Fees, which are expected to increase by \$2,517,180 or 50.9% from the prior year budget. These revenues vary depending on development in the service area. These fees are collected in accordance with the provisions of California Assembly Bill (AB) 1600 and are intended to mitigate the impacts of new development. In the case of the District, these fees are collected from new developments as a requirement of connecting to the sewer system. As such, they can only be used for capital projects that preserve or increase the system's capacity.

Work Group Revenues - These revenues consist of field inspection fees, plan check fees, permits, external work orders, and services provided to the City of Fremont's Urban Runoff program. Because these items tend to vary based on external demands, anticipated revenues are typically estimated in a conservative manner. For FY 2023 these revenues are expected to have a small decrease of \$26,400 or 2.1% compared to the prior year budget.

Interest Revenues – Investment earnings are expected to increase by \$19,000 or 1.3% to the prior year budget. This slight increase reflects the ongoing sluggish investment environment.

EXPENDITURES

ALL FUNDS SUMMARY							
	Actual * FY 19/20	Actual * FY 20/21	Budget FY 21/22	Projected FY 21/22	Proposed Budget FY 22/23	Variance to 21/22 Budget	% Change
Expenditures by Type							
Operating	\$ 41,518,799	\$ 42,762,626	\$ 47,020,403	\$ 46,114,594	\$ 50,622,850	\$ 3,602,447	7.7%
Internal Service	2,091,781	2,010,132	5,886,401	5,694,238	6,178,500	292,099	5.0%
Debt Service	3,584,921	4,387,915	12,019,092	6,876,136	9,017,480	(3,001,612)	-25.0%
Special Projects	1,288,761	714,462	3,960,104	2,207,081	3,238,000	(722,104)	-18.2%
Capital Projects	12,695,833	33,118,927	43,189,200	32,776,347	68,830,200	25,641,000	59.4%
Total Expenditures	61,180,095	82,994,062	112,075,200	93,668,396	137,887,030	25,811,830	23.0%

EXPENDITURES BY OPERATING GROUP							
Board of Directors	\$ 141,278	\$ 141,163	\$ 187,043	\$ 171,793	\$ 189,942	\$ 2,899	1.5%
General Manager	919,583	991,836	1,194,988	1,352,101	1,522,281	\$ 327,293	27.4%
Business Services***	9,910,103	10,163,040	21,905,486	16,697,003	18,662,225	\$ (3,243,261)	-14.8%
Collection Services	7,233,990	7,643,479	7,835,953	8,013,733	8,910,580	\$ 1,074,627	13.7%
Technical Services	6,577,565	6,771,336	7,208,954	7,206,590	7,361,274	\$ 152,320	2.1%
Treatment & Disposal Services	13,020,113	13,937,436	15,921,122	15,263,508	17,837,232	\$ 1,916,110	12.0%
Fabrication, Maint & Construction	9,392,869	9,512,383	10,672,350	9,980,240	11,335,296	\$ 662,946	6.2%
Capital Projects **	12,695,833	33,118,927	43,189,200	32,776,347	68,830,200	\$ 25,641,000	59.4%
Special Projects **	1,288,761	714,462	3,960,104	2,207,081	3,238,000	\$ (722,104)	-18.2%
Total by Operating Group	\$ 61,180,095	\$ 82,994,062	\$ 112,075,200	\$ 93,668,396	\$ 137,887,030	\$ 25,811,830	23.0%

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

** Capital Projects and Special Projects are managed by multiple departments on a collaborative basis.

*** Business Services handles debt payments and pension management.

Overall, District expenditures are expected to increase by \$25.8 million or 23.0%. The following pages discuss the significant change in expenditures for FY 2023, primarily due to increases in capital spending.

Operating Expenses							
	Actual FY 19/20	Actual FY 20/21	Budget FY 21/22	Projected FY 21/22	Proposed Budget FY 22/23	Variance to 21/22 Budget	% Change
Salaries & Benefits							
Salaries	\$ 19,019,548	\$ 20,223,882	\$ 20,024,866	\$ 20,235,857	\$ 20,895,024	\$ 870,158	4.3%
Pension	5,025,687	5,679,202	6,973,738	6,980,521	7,477,754	504,016	7.2%
Health Care Benefits	2,969,243	3,127,675	3,919,896	3,919,896	4,091,352	171,456	4.4%
Workers Compensation	395,340	377,256	360,417	360,417	417,708	57,291	15.9%
Training	174,798	64,292	340,450	132,200	317,350	(23,100)	-6.8%
Other	488,684	494,385	599,962	572,210	637,384	37,422	6.2%
Subtotal Salaries and Benefits	\$ 28,073,300	\$ 29,966,692	\$ 32,219,329	\$ 32,201,101	\$ 33,836,572	\$ 1,617,243	5.0%
Utilities	2,138,842	2,515,024	2,486,050	2,380,150	2,656,950	170,900	6.9%
Biosolids	910,169	1,055,800	1,496,000	1,305,000	1,450,000	(46,000)	-3.1%
Supplies	2,256,859	1,710,078	2,206,940	2,003,020	2,314,610	107,670	4.9%
Chemicals	2,582,245	2,483,194	2,795,252	2,706,504	4,011,360	1,216,108	43.5%
Repair & Maintenance	3,397,476	3,490,397	3,689,612	3,591,998	3,830,498	140,886	3.8%
Other	2,159,908	1,541,441	2,127,220	1,926,821	2,522,860	395,640	18.6%
Subtotal Other Operating	13,445,499	12,795,934	14,801,074	13,913,493	16,786,278	1,985,204	13.4%
Total Operating Expenditures	\$ 41,518,799	\$ 42,762,626	\$ 47,020,403	\$ 46,114,594	\$ 50,622,850	\$ 3,602,447	7.7%

Salaries and Benefits

District wide, personnel expenses are budgeted to increase \$1,617,243 or 5.0% over the prior year budget. The major items are discussed below:

- Salaries are budgeted to increase \$870,158 or 4.3%. The increase results from, prior year wage agreements, classified scheduled step increases, and one full time limited term position to support ongoing impacts from the ETSU project.
- Pension expenses are budgeted to increase of \$504,016 or 7.2% to the prior year budget based upon rates provided by CalPERS. The District prepays the annual Unfunded Liability Payment in July of each year, rather than paying in 12 monthly installments, generating a cost savings of \$160,000.
- Health Care Benefit costs will increase by \$171,456 or 4.4% over the prior year budget based on premium information provided by the District's health care provider.
- Workers Compensation costs will increase \$57,291 or 15.9%. The Districts experience modification (x-mod) factor increased from .82 to .83. Significant efforts have been undertaken by the District to not only maintain, but to improve safety awareness. This increase is reflective of the current state of the insurance markets.
- Training will decrease by \$23,100 or 6.8% largely due to the lingering impacts of Covid-19 on travel and as well as an emphasis on remote access learning.

- Other salary and benefits costs will increase by \$37,422 or 6.2% to the prior year budget. Other salary and benefit costs consist of Medicare and unemployment taxes, membership fees and certain safety program expenditures.

Other Operating Expenditures

Other Operating expenses are budgeted, in total, to increase \$1,985,204 to the prior year budget. The major items are discussed below:

- Utilities are increasing \$170,900 or 6.9%. PG&E's recent revisions to their rate structure, specifically time of use, is anticipated to have a negative effect on the Districts energy costs.
- Biosolids disposal is decreasing \$46,000 or 3.1%. In 2021, the District conducted an RFP for biosolids hauling resulting in an 18 month contract with 3 one year extensions.
- Supplies are increasing \$107,670 or 4.9%. Costs of supplies and operating parts have been impacted by recent inflationary pressures, resulting in increases in most categories across the District.
- Chemicals are budgeted to increase \$1,216,108 or 43.5%. The main increases are for Hydrogen Peroxide, Hypochlorite and Polymers. These chemicals are used in the treatment of plant flows and for odor controls. The shutdown of one of the two regional manufactures of Hypochlorite has had a significant impact on product costs.
- Repair and Maintenance costs are increasing by \$140,886 or 3.8% to FY 2022. This account varies year over year depending on the anticipated need of plant and equipment maintenance .
- Other expenditures, which consists of rents, professional fees, permits, insurance costs and small asset purchases are budgeted to increase \$395,640 or 18.6% in the aggregate. A detailed analysis shows increases in insurance, contractor services and software maintenance with reductions in certain professional fees and consulting costs.

INTERNAL FUNDS							
Fund Description	Actual FY 19/20	Actual FY 20/21	Budget FY 21/22	Projected FY 21/22	Proposed Budget FY 22/23	Variance to 21/22 Budget	% Change
Other Post Employment Benefits - Fund 40	\$ 1,392,371	\$ 1,201,193	\$ 1,421,401	\$ 1,421,401	1,400,000	\$ (21,401)	-1.5%
115 Pension Trust - Fund 45	-	-	3,000,000	3,000,000	3,000,000	-	0.0%
Information Systems Replacement - Fund 60	412,483	502,358	940,000	802,000	1,207,500	267,500	28.5%
Vehicles & Equip Replacement - Fund 50	42,258	144,181	125,000	160,684	171,000	46,000	36.8%
Plant and Pump Station Replacement - Fund 70	244,669	162,400	400,000	310,153	400,000	-	0.0%
Total	\$ 2,091,781	\$ 2,010,132	\$ 5,886,401	\$ 5,694,238	\$ 6,178,500	\$ 292,099	5.0%

Other Post Employment Benefits (OPEB) and Pension 115 Expenditures	
115 Pension Trust Contribution	\$ 3,000,000
115 OPEB Retiree Medical Trust Contribution	900,000
Retiree Reimbursement	500,000
Total	\$ 4,400,000

OPEB expenditures for the District are decreasing \$21,401 or 1.5% to the prior year. The total expenditure consists of two parts. The first is \$500,000 towards the Districts annual ongoing normal costs. The second is a planned \$900,000 contribution to the Districts 115 OPEB Trust. In 2021 the District adopted Pension and OPEB Policy 2095, which in part, sets a goal of maintaining the funding percentage of the plan between 90% and 100%. These additional funds will work toward achieving that policy goal.

Fund 45, 115 Pension Trust, was established in FY 2022 to facilitate the policy discussed in the paragraph above. Similar to OPEB, the long term goal is to increase the funding percentage of the District pension plan. Annually, the Board determines an amount to contribute into a qualified 115 Trust. This Trust accumulates funds, along with the related investment income, to be used for paying future qualified pension expenses. The current budget anticipates a contribution of \$3 million to the Trust in FY 2023. This strategy is anticipated to save the District \$30 million dollars over the next 25 years in pension interest costs.

Renewal & Replacement - Vehicles and Equipment	
Vehicles	
(2) Pool Vehicles - Pick-up Trucks	\$ 146,000
Utility Cart for TPO	25,000
Equipment	
No equipment in FY23	-
Total Vehicles and Equipment	\$ 171,000

For FY 2023 the District is planning on purchasing two pickup trucks for \$146,000 that will be used within the service area. In addition, this budget line item includes \$25,000 for the purchase of an electric utility cart to be used on the plant property.

Renewal & Replacement - Information Systems	
Project/System	Amount
Small Equipment	\$ 398,500
GIS Improvements 1A - 4	166,000
Handheld Radios (Replacement of existing Radios, Qty. 70)	120,000
HMI Upgrades (SCADA Screen Upgrades)	100,000
NIST Project	100,000
Permit Tracking System Replacement	100,000
Performance Management Software	47,500
Agenda Management Software	40,000
Records Management	37,500
Environmental Compliance Management System/ERM	33,000
Control Login	20,000
SCADA Master Plan Standards	20,000
NeoGov Expansion	15,000
Single Source Login	10,000
Total	\$ 1,207,500

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

Renewal & Replacement - Plant and Pump Station	
New Assets (Cogeneration Engine No. 2 heat recovery boiler, Pump Station rebuild kits for pumps, new grinders)	\$ 250,000
Unplanned Maintenance/EBDA Pump Station	150,000
Total	\$ 400,000

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

Debt	Status	FY Issued	Maturity	Payments FY Start	FY 22/23 Principal & Interest		
					Payment Operating	Payment Capacity	Total Payment
2020A Revenue Bonds	Issued	19/20	2050	19/20	\$ 1,933,586	\$ 2,563,580	\$ 4,497,166
2021A Revenue Bonds	Issued	21/22	2051	21/22	2,938,204	1,582,110	4,520,314
					\$ 4,871,790	\$ 4,145,690	\$ 9,017,480

Water Infrastructure Finance and Innovation Act (WIFIA) Loan – In the fall of 2021 the District closed on a \$249 million dollar WIFIA loan to fund a portion of the ETSU project. The District will have eight

years to fully draw down the loan at which time the principal and any capitalized interest will begin repayment.

State Revolving Fund (SRF) Loan – During FY 2022 the District was approved for an SRF loan in the amount of \$33.5 million to fund the Standby Power Generation System Upgrade Project. Construction is anticipated to begin in late FY 2022 with repayment beginning upon completion in FY 2025.

SPECIAL PROJECT EXPENDITURES					
DESCRIPTION	Adopted Budget FY22	Estimated Actual FY22	Estimated Carryover	New \$ (Provision)	Proposed Budget FY23
<i>Administrative & Regulatory</i>					
Anticipated Biosolids Coalition Membership Dues	\$ 25,000	\$ 25,000	\$ -	\$ 17,000	\$ 17,000
Anticipated Election Costs	940,104	940,104	-	-	-
GIS JPA	30,000	30,000	-	30,000	30,000
Property Acquisition	1,500,000	-	1,500,000	-	1,500,000
Public Information Program	65,000	65,000	-	65,000	65,000
Public Outreach Programs	125,000	75,000	50,000	75,000	125,000
Regional Purified Water Pilot Program Outreach	-	-	-	20,000	20,000
<i>Subtotal Administrative & Regulatory</i>	\$ 2,685,104	\$ 1,135,104	\$ 1,550,000	\$ 207,000	\$ 1,757,000
<i>Studies & Other</i>					
Alvarado Basin Capacity and Condition Assessment	\$ -	\$ -	\$ -	\$ 55,000	\$ 55,000
Alvarado Sub-Surface Investigation (Plant Groundwater Monitoring)	10,000	9,208	792	9,208	10,000
CIP Front End Specs Update	5,000	-	-	-	-
Cogen Replacement and Ventilation Study	125,000	87,000	15,000	-	15,000
Control Box No. 1 Grit Removal Evaluation	-	-	-	150,000	150,000
Digester 8 Feasibility Study	100,000	52,750	47,250	17,750	65,000
Digester Efficiency Evaluation (Heat Loop and Gas Lance)	-	-	-	350,000	350,000
Energy Resiliency Study	100,000	80,000	20,000	185,000	205,000
Fiscal Model Update (Moved to BS Ops Budget)	30,000	15,000	-	-	-
Forcemain Condition Assessment	5,000	35,000	-	10,000	10,000
Forcemain Geotech Investigation at Alameda Creek	30,000	174,294	-	30,000	30,000
Headworks Degritting	200,000	107,000	90,000	-	90,000
Irvington Basin MP Update	80,000	106,725	-	-	-
Local Limits Study	70,000	55,000	15,000	50,000	65,000
Odor Control Alternatives Study	-	-	-	10,000	10,000
Odor Control Pilot Study	20,000	20,000	-	-	-
Project Cost Estimate Evaluation	-	-	-	150,000	150,000
Pump Stations Asset Condition Assessment	250,000	175,000	75,000	-	75,000
Sea Level Rise Study Update	150,000	65,000	85,000	15,000	100,000
Solids Building Potable Water Conversion	-	-	-	-	70,000
Thermal Dryer Feasibility Study	100,000	90,000	10,000	21,000	31,000
<i>Subtotal Studies & Other</i>	\$ 1,275,000	\$ 1,071,977	\$ 358,042	\$ 1,052,958	\$ 1,481,000
Total Special Projects	\$ 3,960,104	\$ 2,207,081	\$ 1,908,042	\$ 1,259,958	\$ 3,238,000

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

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

Control Box No. 1 Grit Removal Evaluation - This study will evaluate technologies and modifications for Control Box No. 1 to facilitate a more efficient way to remove grit that is deposited inside the control box as the wastewater flows from the headworks process to the primary clarifiers.

Digester Efficiency Evaluation (Heat Loop and Gas Lance) - This study will assess the existing primary digester heat loop system and evaluate improvements to the system to increase its reliability in providing heat to the primary digestion process. The study will also evaluate the implementation of a gas lance sludge mixing system, incorporated in Primary Digester No. 7, at Primary Digester Nos. 4, 5, and 6, and prepare cost estimates to modify the structural, mechanical, electrical, and instrumentation systems.

Energy Resiliency Study - This study will evaluate the feasibility of different energy technologies (solar, batteries, and wind turbines) at the Plant, pump stations, lift stations, and other District parcels located in the service area.

Project Cost Estimate Evaluation – This study will update budgets for the projects identified in the 20-year Capital Improvement Program.

Sea Level Study Update - This study will evaluate the current sea level rise projections and the effect the projections will have on the District's facilities. The study will recommend measures for the District to mitigate the impact.

Annual Contract Purchases of Supplies, Services and Projects Renewal/Replacement Over \$100,000 for Fiscal Year 22/23	
	Estimated Expenditure
Supplies:	
Sodium Hypochlorite, 1-Year	\$ 1,487,000
Polymer, Emulsion, 2-Year Contract with 3 Optional 1-Year Renewals	730,000
Hydrogen Peroxide, 1-Year	685,000
Ferrous Chloride, 1-Year	580,000
Polymer, Mannich, 2-Year Contract with 3 Optional 1-Year Renewals	142,860
Total Supplies	\$ 3,624,860
Services:	
CalPERS Retirement	\$ 7,407,754
Series 2021A - Annual Debt Service on Bonds	4,520,314
Series 2020A - Annual Debt Service on Bonds	4,497,166
CalPERS Medical	4,112,430
115 Pension Trust Contribution	3,000,000
PG&E - Alvarado Site (\$1,890,000), Newark P.S. (\$255,000) and Irvington P.S. (\$100,000)	2,245,000
EBDA	1,721,062
Biosolids Contract	1,450,000
115 OPEB Retiree Medical Trust Contribution	900,000
Insurance (Property & Contents, Fleet, General Liability, Bonding)	536,000
Primary Digester Cleaning	250,000
Gas Media, 2-Year Contract with 3 Optional 1-Year Renewals	180,000
DGS Natural Gas Service, PG&E Billed Through DGS	170,000
Interim Customer Service Coach (Hazen & Sawyer)	158,340
Total Services	\$ 31,148,066
Information Systems:	
Handheld Radios	\$ 120,000
HMI Upgrades (SCADA Screen Upgrades)	100,000
NIST Projects	100,000
Permit Tracking System (PTS) Replacement	100,000
Total Information Systems	\$ 420,000

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FUND BALANCE



Pumps and Piping for Digester 7

Reserve/Allocation Balances		
Operating Cash Flow	\$	25,311,425
Structural Renewal & Replacement		60,924,000
Emergency		8,000,000
Short Term Liquidity		5,000,000
Parity Debt		2,887,200
Risk Management		1,000,000
Industrial Customer Stabilization		1,400,000
Unspent Debt Issuance		31,124,704
Total Restricted/Allocated Balances	\$	135,647,329

Anticipated reserves balances at 06/30/23 listed above are discussed below:

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

Structural Renewal & Replacement – To maintain the ability to renew and replace infrastructure, this reserve is funded at the average annual renewal/replacement capital costs based on the 10-year CIP. This is a conservative approach.

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

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

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

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

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

Unspent Debt Issuance – These funds represent the unspent Series 2020A and 2021A bond issuance. They are maintained in a separate investment account and are being drawn down for specifically identified projects as they progress.

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CAPITAL IMPROVEMENT PLAN



Digester 7

Capital Improvement Plan

Capital improvements are construction or renovation activities that add value to the Districts fixed assets (pipelines, buildings, facilities, and equipment) or significantly extend their useful life. Each year, the District reviews its 20 year Capital Improvement Program (CIP) based on factors such as growth, regulatory requirements, planning documents, and existing asset management needs. The rehabilitation, replacement, improvement, and expansion of the District's facilities continue to be the key drivers for the proposed Fiscal Year 2023 CIP. The District funds an extensive CIP plan that is designed to preserve, maintain, and enhance assets, meet regulatory requirements, accommodate the community's needs, and protect public health and the environment.

In the next 12 to 24 months the District expects to have over 45 individual capital projects underway totaling in excess of \$570 million dollars. The following pages provide a description of those projects followed by a breakout summary of the CIP projects for the next five years. The appendix contains a detailed summary of the entire 20 year CIP budget.

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

- WAS Thickeners
- Field Operations Building (Space Needs Assessment)
- ETSU Phase 1B and 1C
- Switchboard 3 and Motor Control Center 25
- Sodium Hypochlorite Loop Improvements
- Digester 6 Condition Assessment

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

- ETSU Phase 1A – Aeration Basins
- ETSU Phase 1A - Campus
- Newark and Irvington PS Chemical Improvements
- Alvarado Influent PS Project
- Irvington Basin RCP Sewer Rehab
- Standby Power Generation System Upgrade
- Digester 7
- Digester 6 Cleaning

The balance of this section of the budget provides a summary of the 20 year CIP budget. Documents include the 20 year forecast summary of CIP projects followed by a brief description of each project.

UNION SANITARY DISTRICT CIP FISCAL YEAR 23 to FY 42 - 20 YEAR FORECAST SUMMARY (in millions)														
Project Name	% Fund 80	% Fund 90	Rank	Total Project Cost	Spent in Prior Years	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28 to FY 32	FY 33 to FY 37	FY 38 to FY 42	Total
Admin Facilities														
Additional CS (Vehicle) Storage	100%	0%	3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250	\$ -	\$ -	\$ 250
Cathodic Protection Improvements	100%	0%	2	760	738	22	500	-	300	-	1,027	804	1,420	4,073
ETSU - 1A - Campus Building	100%	0%	1	94,061	4,790	17,000	52,671	19,600	-	-	-	-	-	89,271
Field Ops Bldg. Sesmic Upgrade and Leak Repairs	100%	0%	1	5,550	-	300	340	3,437	1,473	-	-	-	-	5,550
FMC Storage	100%	0%	3	-	-	-	300	-	-	-	-	-	-	300
Plant Paving	100%	0%	3	-	-	-	-	-	-	-	1,150	400	600	2,150
Radio Repeater Antenna Replacement	100%	0%	2	-	-	-	-	-	-	-	150	-	-	150
Solar Panels/Inverters Replacement at Alvarado	50%	50%	3	-	-	-	-	-	-	-	-	370	-	370
Solar Panels/Inverters Replacement at Carport	50%	50%	2	100	-	-	-	100	-	-	670	-	278	1,048
Solar Panels/Inverters Replacement at Irvington	50%	50%	2	300	-	300	-	-	-	-	1,832	-	-	2,132
				100,771	5,528	17,622	53,811	23,137	1,773	-	5,079	1,574	2,298	105,294
Collection System														
Cast Iron/Pipe Lining	100%	0%	2	-	-	-	-	570	-	607	1,340	2,367	1,854	6,738
Central Avenue Sanitary Sewer Relocation	100%	0%	1	1,400	-	100	1,300	-	-	-	-	-	-	1,400
FY 21 Cast Iron/Piping Lining	100%	0%	2	335	318	17	-	-	-	-	-	-	-	17
FY 23 Cast Iron/Piping Lining	100%	0%	2	530	-	530	-	-	-	-	-	-	-	530
Gravity Sewer Rehab/Replacement	100%	0%	2	796	766	30	1,708	-	1,823	-	6,235	4,885	8,626	23,307
RCP Sewer Rehab (Alvarado Basin)	100%	0%	1	-	-	-	-	200	2,200	2,500	-	-	-	4,900
RCP Sewer Rehab (Irvington Basin)	100%	0%	1	6,025	825	5,200	-	-	-	-	5,000	-	-	10,200
RCP Sewer Rehab (Newark Basin)	100%	0%	1	-	-	-	-	-	-	250	4,750	-	-	5,000
				9,086	1,909	5,877	3,008	770	4,023	3,357	17,325	7,252	10,480	52,092
Transport System														
Alameda Creek Crossing Lift Station	50%	50%	2	-	-	-	-	-	-	-	-	-	21,866	21,866
Cherry St. PS	0%	100%	1	543	105	320	118	-	-	-	-	-	-	438
Equalization Storage @ Newark	0%	100%	2	-	-	-	-	-	-	-	-	12,473	21,951	34,424
Forcemain Corrosion Repairs - Phase 3	100%	0%	1	1,344	144	1,200	-	-	-	-	-	-	-	1,200
Forcemain Corrosion Repairs - Phase 4	100%	0%	1	1,400	-	100	1,400	-	-	-	-	-	-	1,500
Forcemain Rehabilitation	100%	0%	3	-	-	-	-	-	-	-	-	-	50,000	50,000
Irvington PS Pumps and VFDs	50%	50%	2	112	12	100	-	-	2,294	12,316	5,278	-	-	19,988
Newark and Irvington PS Chemical System Improve	45%	55%	2	9,738	738	1,500	5,000	2,500	-	-	-	-	-	9,000
Newark PS Pumps and VFDs	50%	50%	2	-	-	-	-	-	-	-	25,152	-	-	25,152
Pump Station Asset Condition Assessment R&R	100%	0%	3	-	-	-	-	3,849	929	211	4,549	11,258	765	21,561
Sanctuary West Pump Station	0%	100%	2	-	-	-	-	-	1,500	1,500	-	-	-	3,000
Transport System Misc. Projects	100%	0%	3	-	-	-	-	-	250	250	1,250	1,250	1,250	4,250
				13,137	999	3,220	6,518	6,349	4,973	14,277	36,229	24,981	95,832	192,379
Treatment Plant														
Aeration Blower 11 and East Blower Bldg Improve	0%	100%	2	2,270	2,155	115	-	-	-	-	-	-	-	115
Alvarado Influent PS Improvements	50%	50%	2	11,265	10,786	480	-	-	-	-	-	-	-	480
Alvarado Influent Valve Box Gate Valves 1-2	100%	0%	2	-	-	-	50	500	-	-	-	-	-	550
Centrifuge Building Improvements	50%	50%	2	1,626	1,606	20	-	-	-	-	-	-	-	20
Centrifuge Replacement	50%	50%	2	-	-	-	-	-	1,166	2,650	15,512	-	-	19,328
Centrifuge System Equipment Replacement	100%	0%	2	-	-	-	-	-	927	1,263	12,138	-	-	14,328
Cogen Engine No. 1 60K Block Replacement	50%	50%	1	-	-	-	-	1,050	-	-	-	1,250	1,500	3,800
Cogen Engine No. 2 60K Block Replacement	50%	50%	1	-	-	-	1,000	-	-	-	1,150	-	1,450	3,600
Cogen Retrofit	50%	50%	2	-	-	-	-	-	-	-	3,002	-	-	3,002
Control Box No. 1 Improvements	100%	0%	2	-	-	-	-	-	-	622	6,321	-	-	6,943
Degritter Building Roof (Seismic) Replacement	100%	0%	2	-	-	-	-	-	-	-	5,443	-	-	5,443

UNION SANITARY DISTRICT CIP FISCAL YEAR 23 to FY 42 - 20 YEAR FORECAST SUMMARY (in millions)														
Project Name	% Fund 80	% Fund 90	Rank	Total Project Cost	Spent in Prior Years	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28 to FY 32	FY 33 to FY 37	FY 38 to FY 42	Total
Degritting at Headworks and Improvements	50%	50%	2	-	-	-	-	-	-	1,896	15,512	-	-	17,408
Diffuser Replacement	100%	0%	3	-	-	-	-	-	-	-	-	2,092	-	2,092
Digester Additional Capacity	0%	0%	3	-	-	-	-	-	-	-	-	-	-	-
Digester No. 1 Insp & Rehab	100%	0%	2	-	-	-	-	-	358	1,998	1,332	-	6,724	10,412
Digester No. 2 Insp & Rehab	100%	0%	1	-	-	-	-	-	-	-	-	6,106	-	6,106
Digester No. 3 Insp & Rehab	100%	0%	3	-	-	-	-	-	-	-	522	5,017	-	5,539
Digester No. 4 Insp & Rehab	100%	0%	3	-	-	-	-	-	430	2,398	1,599	-	7,852	12,279
Digester No. 5 Insp & Rehab	100%	0%	3	-	-	-	-	-	-	-	5,025	-	3,739	8,764
Digester No. 6 Insp & Rehab	100%	0%	3	7,050	-	479	2,278	4,571	-	-	1,005	8,218	-	16,551
Digester No. 7	0%	100%	1	28,643	28,443	200	-	-	-	-	-	-	-	200
Digester No. 7 Insp & Rehab	100%	0%	3	-	-	-	-	-	-	-	-	14,232	-	14,232
Emergency Outfall Outlet Improvements	50%	50%	1	2,511	2,452	60	-	-	-	-	-	-	-	60
ETSU - 1A - Aeration Basin Modifications	60%	40%	1	77,402	11,608	9,300	18,600	19,100	18,794	-	-	-	-	65,794
ETSU - 1A - Aeration Basin No. 8	40%	60%	1	26,683	1,823	9,200	12,200	3,460	-	-	-	-	-	24,860
ETSU - 1A - Aeration Internal Lift Pumps	60%	40%	1	9,819	447	3,700	3,200	2,472	-	-	-	-	-	9,372
ETSU - 1A - Blower 7-10 Replacement	60%	40%	1	20,068	1,376	7,100	6,368	4,100	1,124	-	-	-	-	18,692
ETSU - 1A - Plant 12kV Switchgear (SWGR-SE)	100%	0%	1	5,458	470	3,100	1,888	-	-	-	-	-	-	4,988
ETSU - 1A - Site Drainage Improvements	50%	50%	1	8,858	-	1,000	4,658	3,200	-	-	-	-	-	8,858
ETSU - 1B - Effluent Facilities	60%	40%	1	48,239	1,115	1,000	4,800	14,200	16,100	9,862	1,162	-	-	47,124
ETSU - 1B - Secondary Clarifiers	60%	40%	1	149,795	2,080	2,000	12,500	44,800	51,000	32,577	4,838	-	-	147,715
ETSU - 1B - Switchboard 4 Replacement	60%	40%	1	1,990	-	150	450	1,390	-	-	-	-	-	1,990
ETSU - 1C - Plant Equalization Storage	25%	75%	1	39,618	-	-	-	-	1,200	1,800	36,618	-	-	39,618
ETSU - 2 - Nutrient Removal (Level 2 Year-round)	50%	50%	3	-	-	-	-	-	-	-	-	-	270,668	270,668
Flares Replacement	100%	0%	2	-	-	-	706	4,083	1,750	-	-	-	-	6,539
Headworks Gates	100%	0%	2	-	-	-	-	-	-	-	4,202	-	-	4,202
MCC Replacement	100%	0%	2	-	-	-	-	-	-	-	541	-	-	541
Miscellaneous Improvements	100%	0%	2	1,900	170	650	1,080	-	-	-	-	-	-	1,730
Odor Scrubber System Improvements	100%	0%	2	-	-	-	-	631	1,295	5,686	10,875	26,326	7,125	51,938
Plant 1 and 2 Water System Improvements	100%	0%	2	-	-	-	-	-	105	1,069	-	-	-	1,174
Plant 12kV Switchgear	100%	0%	2	-	-	-	-	1,068	4,722	4,722	-	-	-	10,512
Plant 5kV Switchgear	100%	0%	2	-	-	-	379	2,713	1,163	-	-	-	-	4,255
Plant Additional Power Source	50%	50%	3	-	-	-	-	-	-	-	-	500	9,500	10,000
Plant Asset Condition Assessment R&R	100%	0%	2	-	-	-	157	4,934	497	-	16,893	4,431	30,379	57,291
Plant Fiber Optic Network	50%	50%	2	1,400	-	200	1,200	-	-	-	2,200	1,400	-	5,000
Plant Mechanical and Electrical Projects	100%	0%	2	-	-	-	500	500	500	500	2,500	2,500	2,500	9,500
PLC Replacement	100%	0%	2	250	-	250	-	300	-	-	350	850	500	2,250
Primary Clarifier (1 - 4) Seismic Upgrade	100%	0%	1	-	-	-	-	753	4,315	1,849	-	-	-	6,917
Primary Clarifier Rehab (5-6)	75%	25%	2	-	-	-	-	1,695	8,005	8,229	5,144	-	-	23,073
Reclaimed Water	0%	0%	3	-	-	-	-	-	-	-	-	-	-	-
Reclaimed Water														-
Secondary Digester No. 1 Insp & Rehab	100%	0%	3	1,170	-	115	500	555	-	-	-	5,231	-	6,401
Secondary Digester No. 2 Insp & Rehab	100%	0%	3	-	-	-	-	-	367	3,413	-	542	5,039	9,361
Seismic Retrofit of Conc. Structures	100%	0%	2	-	-	-	300	-	300	-	900	600	900	3,000
Sodium Hypochlorite Loop Improvements	100%	0%	2	1,170	170	500	500	-	-	-	-	-	-	1,000
Standby Power Generation System Upgrade	100%	0%	1	27,754	3,381	8,490	14,883	1,000	-	-	-	-	-	24,373
Standby Power Generator No. 4	0%	100%	3	-	-	-	-	-	-	-	-	16,737	7,234	23,971
Switchboard 3 and MCC 25 Replacement	100%	0%	2	2,690	50	1,400	1,240	-	-	-	-	-	-	2,640
Thickeners 1 and 2 Rehabilitation	100%	0%	2	-	-	-	214	1,726	740	-	-	-	-	2,680

UNION SANITARY DISTRICT CIP FISCAL YEAR 23 to FY 42 - 20 YEAR FORECAST SUMMARY (in millions)														
Project Name	% Fund 80	% Fund 90	Rank	Total Project Cost	Spent in Prior Years	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28 to FY 32	FY 33 to FY 37	FY 38 to FY 42	Total
Thickeners 3 and 4 Rehabilitation	100%	0%	3	-	-	-	-	-	-	-	-	3,708	-	3,708
WAS Thickeners	100%	0%	1	22,442	1,312	250	250	8,250	8,250	4,130	-	-	-	21,130
Waste Recycling and Alternative Energy	0%	100%	3	-	-	-	-	-	-	-	10,500	-	-	10,500
				\$ 500,071	\$ 69,444	\$ 49,759	\$ 89,901	\$ 127,051	\$ 123,108	\$ 84,664	\$ 165,284	\$ 99,740	\$ 355,110	\$ 1,094,617
Total Administrative				\$ 100,771	\$ 5,528	\$ 17,622	\$ 53,811	\$ 23,137	\$ 1,773	\$ -	\$ 5,079	\$ 1,574	\$ 2,298	\$ 105,294
Total Collection System				9,086	1,909	5,877	3,008	770	4,023	3,357	17,325	7,252	10,480	52,092
Total Transport				13,137	999	3,220	6,518	6,349	4,973	14,277	36,229	24,981	95,832	192,379
Total Treatment Plant				500,071	69,444	49,759	89,901	127,051	123,108	84,664	165,284	99,740	355,110	1,094,617
Grand Total				\$ 623,065	\$ 77,880	\$ 76,478	\$ 153,238	\$ 157,307	\$ 133,877	\$ 102,298	\$ 223,917	\$ 133,547	\$ 463,720	\$ 1,444,382
Repair & Replacement (Fund 800) Total				\$ 404,518	\$ 31,599	\$ 59,118	\$ 121,254	\$ 116,832	\$ 92,938	\$ 71,984	\$ 147,114	\$ 102,577	\$ 281,904	\$ 993,721
Capacity (Fund 900) Totals				218,547	46,281	17,360	31,984	40,475	40,939	30,314	76,803	30,970	181,816	450,661
				\$ 623,065	\$ 77,880	\$ 76,478	\$ 153,238	\$ 157,307	\$ 133,877	\$ 102,298	\$ 223,917	\$ 133,547	\$ 463,720	\$ 1,444,382
Repair & Replacement (Fund 800) Total - 90% to FY 23 Budget						\$ 53,206								
Capacity (Fund 900) Totals - 90% to FY 23 Budget						15,624								
Total Balance to Budget						\$ 68,830								
Priority 1 Administrative				\$ 99,611	\$ 4,790	\$ 17,300	\$ 53,011	\$ 23,037	\$ 1,473	\$ -	\$ -	\$ -	\$ -	\$ 94,821
Priority 1 Collection System				7,425	825	5,300	1,300	200	2,200	2,750	9,750	-	-	21,500
Priority 1 Transport				3,287	249	1,620	1,518	-	-	-	-	-	-	3,138
Priority 1 Treatment & Disposal				469,280	54,507	45,550	80,797	103,775	100,783	50,218	43,768	7,356	2,950	435,197
Total Priority 1				579,603	60,371	69,770	136,626	127,012	104,456	52,968	53,518	7,356	2,950	554,656
Priority 2 Administrative				1,160	738	322	500	100	300	-	3,679	804	1,698	7,403
Priority 2 Collection System				1,661	1,084	577	1,708	570	1,823	607	7,575	7,252	10,480	30,592
Priority 2 Transport				9,850	750	1,600	5,000	2,500	3,794	13,816	30,430	12,473	43,817	113,430
Priority 2 Treatment & Disposal				22,571	14,937	3,615	6,326	18,150	21,528	28,635	102,865	36,107	48,128	265,354
Total Priority 2				35,242	17,509	6,114	13,534	21,320	27,445	43,058	144,549	56,636	104,123	416,779
Priority 3 Administrative				-	-	-	300	-	-	-	1,400	770	600	3,070
Priority 3 Collection System				-	-	-	-	-	-	-	-	-	-	-
Priority 3 Transport				-	-	-	-	3,849	1,179	461	5,799	12,508	52,015	75,811
Priority 3 Treatment & Disposal				8,220	-	594	2,778	5,126	797	5,811	18,651	56,277	304,032	394,066
Total Priority 3				8,220	-	594	3,078	8,975	1,976	6,272	25,850	69,555	356,647	472,947
Grand Total				\$ 623,065	\$ 77,880	\$ 76,478	\$ 153,238	\$ 157,307	\$ 133,877	\$ 102,298	\$ 223,917	\$ 133,547	\$ 463,720	\$ 1,444,382

CIP Projects Description

Project Name	Project Description
Additional CS (Vehicle) Storage	This project will provide additional vehicle storage for the Collection Services Work Group.
Cathodic Protection Improvements	The Cathodic Protection Improvements project will replace the existing cathodic protection systems at the Plant, pump stations, and force mains. The purpose of the cathodic protection systems is to prevent the corrosion of buried steel, ductile iron, and cast iron pipelines, fittings, and other structures. District staff surveys and tests all of the cathodic protection systems annually and will hire a consultant to determine if any of the systems need to be replaced.
ETSU - 1A - Campus Building	This project will replace the Operating & Administration, Control, and Facilities maintenance buildings with one combined campus building.
Field Ops Bldg. Seismic Upgrade and Leak Repairs	This project will include seismic retrofits and leak repairs to the Field Operations Building.
FMC Storage	This project will provide equipment and materials storage for the FMC Work Group.
Plant Paving	The Plant Paving project will repair and/or replace the asphalt pavement at the Plant. This project will be based on the condition of the existing asphalt pavement and in coordination with other construction projects. District staff can hire a consultant to conduct a condition assessment of the existing asphalt pavement every 5 to 10 years to determine the remaining useful life and recommend a repair/replacement schedule.
Radio Repeater Antenna Replacement	This project will replace the District's radio repeater antenna located on Mt. Allison in Fremont, CA.
Solar Panels/Inverters Replacement at Alvarado	This project will replace the solar panels and/or power inverters for the future photovoltaic system(s) (other than those at the Carport) that are yet to be constructed at the Plant. The schedule of replacement is based on a 20-year useful life for the solar panels and a 10-year useful life for the power inverters.
Solar Panels/Inverters Replacement at Carport	This project will replace the solar panels and/or power inverters of the Solar Carport System located at the Plant. The schedule of replacement is based on a 20-year useful life for the solar panels and a 10-year useful life for the power inverters.
Solar Panels/Inverters Replacement at Irvington	This project will replace the solar panels and power inverters for the photovoltaic system located at the Irvington Pump Station. The schedule of replacement is based on a 20-year useful life for the solar panels and a 10-year useful life for the power inverters.
Cast Iron/Pipe Lining	This project will install cured-in-place pipe (CIPP) inside existing aged cast iron sewer mains without trenching. District staff will review the CCTV inspection of the sewer mains and identify the mains that are candidates for CIPP rehabilitation. This includes budgets for multiple phases of work.
Central Avenue Sanitary Sewer Relocation	This project will relocate an existing sewer main on Central Avenue in the City of Newark to accommodate the City's plans to construct an overpass above the railroad crossing.
FY 21 Cast Iron/Piping Lining	This construction of the FY 21 Cast Iron/Piping Lining Project began in 2021. The contractor has completed the project's original scope. District staff issued a contract change order to the contractor to repair a sewer main that was not part of the project's original scope. Staff anticipates this work will be complete by summer 2022.

FY 23 Cast Iron/Piping Lining	The FY 23 Cast Iron/Piping Lining Project is the next project that will install cured-in-place pipe (CIPP) inside existing aged cast iron sewer mains. District staff will design the project in 2022 with construction anticipated to begin by early 2023.
Gravity Sewer Rehab/Replacement	This project will rehabilitate and/or replace existing deteriorated sewer mains by open cut trenching. District staff will review the CCTV inspection of the sewer mains and identify the mains that are candidates for rehabilitation/replacement by the open cut trenching method. This includes budgets for multiple phases of work. The FY 21 Gravity Sewer Rehabilitation/Replacement Project began in 2021. The contractor has completed the project's original scope. District staff anticipates closing out the project in late FY 22 and release retention in FY 23.
RCP Sewer Rehab (Alvarado Basin)	This project will rehabilitate aged sewer trunk mains located in the Alvarado Basin that are primarily reinforced concrete pipe (RCP) by the CIPP method. The project timing will correspond with the completion of the condition assessment phase of the drainage basin's master plan update.
RCP Sewer Rehab (Irvington Basin)	This project will rehabilitate aged sewer trunk mains located in the Irvington Basin that are primarily reinforced concrete pipe (RCP) by the CIPP method. District staff awarded the construction contract for the Irvington Basin Reinforced Concrete Pipe Rehabilitation Project in February 2022 with construction scheduled to be complete by early 2023.
RCP Sewer Rehab (Newark Basin)	This project will rehabilitate aged sewer trunk mains located in the Newark Basin that are primarily reinforced concrete pipe (RCP) by the CIPP method. The project timing will correspond with the completion of the condition assessment phase of the drainage basin's master plan update.
Alameda Creek Crossing Lift Station	This project will construct a new lift station south of the Alameda Creek (near Paseo Padre Parkway and Ardenwood Boulevard) to transport wastewater from south to north over the Alameda Creek crossing on Paseo Padre Parkway. The existing gravity sewer main is located under the creek bed. If further erosion exposes the main, USD may need to remove the main from the creek.
Cherry St PS	This project will include electrical and mechanical improvements to the Cherry Street Pump Station.
Equalization @ Newark	This project will construct equalization storage at the Newark Pump Station.
Forcemain Corrosion Repairs - Phase 3	The Force Main Corrosion Repairs Project - Phase 3 will repair or replace corroded steel fittings, pipes, and valves in the manholes along the west force main between Irvington Pump Station and Newark Pump Station.
Forcemain Corrosion Repairs - Phase 4	This is the fourth of four phases to repair or replace corroded steel fittings, pipes, and valves in the manholes along the east force main between Irvington Pump Station and Newark Pump Station.
Forcemain Rehabilitation	This project will install liners in the force mains when the reinforced concrete pipes show signs of corrosion and deterioration.
Irvington PS Pumps and VFDs	This project will replace the wastewater pumps, variable frequency drives, piping, backup generator, and other equipment at the Irvington Pump Station.
Newark and Irvington PS Chemical System Improvements	This project will replace the odor control systems, chemical storage and pumping systems, and other miscellaneous work at Newark Pump Station and Irvington Pump Station.
Newark PS Pumps and VFDs	This project will replace the wastewater pumps, variable frequency drives, piping, backup generator, and other equipment at the Newark Pump Station.

Pump Station Asset Condition Assessment R&R	These are budget placeholders for replacing equipment at the pump and lift stations based on recommendations from the 2015 Pump Station Master Plan (which will now be called Pump Station Asset Condition Assessment Study) and any subsequent updates.
Sanctuary West Pump Station	This is a budget placeholder for the replacement of the Cherry Street Pump Station when the Sanctuary West housing development is constructed.
Transport System Misc. Projects	These are budget placeholders for transport system needs.
Aeration Blower 11 and East Blower Bldg Improvements	This project will install a second high speed aeration blower, upgrade the building ventilation system, and make structural repairs in the East Blower Building.
Alvarado Influent PS Improvements	This project will replace the wastewater pumps, variable frequency drives, piping, valves, electrical switchboard, and other miscellaneous improvements to the Alvarado Influent Pump Station.
Alvarado Influent Valve Box Gate Valves 1-2	This project will replace the force main knife gate valves at the Alvarado Influent Valve Box and the Headworks Valve Box.
Centrifuge Building Improvements	This project will replace the horizontal and inclined conveyors in the Centrifuge Building.
Centrifuge Replacement	This project will replace the centrifuges in the Centrifuge Building.
Centrifuge System Equipment Replacement	This project will replace pumps, conveyors, piping, and electrical equipment in the Centrifuge Building.
Cogen Engine No. 1 60K Block Replacement	This project will replace the engine block after the current engine block on Cogen No. 1 has operated for 60,000 hours.
Cogen Engine No. 2 60K Block Replacement	This project will replace the engine block after the current engine block on Cogen No. 2 has operated for 60,000 hours.
Cogen Retrofit	This project will install the Selective Catalytic Reduction emissions control system for the cogen units when the Bay Area Air Quality Management District's permit reduces the nitrogen oxide emissions limit.
Control Box No. 1 Improvements	This project will rehabilitate or replace structural and mechanical components at Control Box No. 1, Headworks Valve Box, Maintenance Shop Building chemical storage area, and Odor Control Building chemical storage area.
Degritter Building Roof (Seismic) Replacement	This project will replace the precast concrete roof panels of the Degritter Building to address seismic deficiencies identified in the 2016 Seismic Study.
Degritting at Headworks and Improvements	This project will construct new degritting equipment to remove grit from the influent wastewater at the Headworks Building.
Diffuser Replacement	This is a budget placeholder to replace the aeration diffusers in the aeration basins.
Digester Additional Capacity	This is a budget placeholder for a project to construct additional primary digesters before the plant's solids process capacity is exceeded.
Digester No. 1 Insp & Rehab	This project will conduct a condition assessment and rehabilitate Primary Digester No. 1 and its associated equipment, piping, and valves.

Digester No. 2 Insp & Rehab	This project will conduct a condition assessment and rehabilitate Primary Digester No. 2 and its associated equipment, piping, and valves.
Digester No. 3 Insp & Rehab	This project will conduct a condition assessment and rehabilitate Primary Digester No. 3 and its associated equipment, piping, and valves.
Digester No. 4 Insp & Rehab	This project will conduct a condition assessment and rehabilitate Primary Digester No. 4 and its associated equipment, piping, and valves.
Digester No. 5 Insp & Rehab	This project will conduct a condition assessment and rehabilitate Primary Digester No. 5 and its associated equipment, piping, and valves.
Digester No. 6 Insp & Rehab	This project will conduct a condition assessment and rehabilitate Primary Digester No. 6 and its associated equipment, piping, and valves.
Digester No. 7	This project will construct new Primary Digester No. 7, hot water boiler, and iron salt chemical storage and feed system.
Digester No. 7 Insp & Rehab	This project will conduct a condition assessment and rehabilitate Primary Digester No. 7 and its associated equipment, piping, and valves.
Emergency Outfall Outlet Improvements	This project will replace a portion of the final effluent discharge piping system at the Old Alameda Creek and construct a redundant pipeline and a new concrete apron around the final effluent discharge opening at the Creek.
ETSU - 1A - Aeration Basin Modifications	This project will modify Aeration Basins 1 through 7 to improve the plant's activated sludge system.
ETSU - 1A - Aeration Basin No. 8	This project will construct new Aeration Basin 8 to increase the plant's activated sludge system's capacity.
ETSU - 1A - Aeration Internal Lift Pumps	This project will replace the three carbon steel lift pumps at Lift Station 2.
ETSU - 1A - Blower 7-10 Replacement	This project will replace Blowers 7 through 10 with high speed aeration blowers.
ETSU - 1A - Plant 12kV Switchgear	This project will construct a new 12,000-volt utility switchgear located near the Veasy Street entrance.
ETSU - 1B - Effluent Facilities	This project will replace the chlorine contact tank, final effluent pump station, and reclaimed water pump station.
ETSU - 1B - Secondary Clarifiers	This project will construct four new secondary clarifiers.
ETSU - 1B - Switchboard 4 Replacement	This project will replace 480-volt Switchboard 4.
ETSU - 1C - Plant Equalization Storage	This project will construct primary effluent equalization storage at the existing Secondary Clarifiers 1 through 4 structures.
ETSU - 2 - Nutrient Removal (Level 2 Year-round)	This project will construct the Phase 2 of the Enhanced Treatment and Site Upgrade Program's projects to provide nutrient removal that meets BACWA Level 2 limits year-round.
Flares Replacement	This project will replace the digester gas flare system when the Bay Area Air Quality Management District requires the flares shall meet the latest emissions limits.
Headworks Gates	This project will replace the gates and actuators in the Headworks Building.
Headworks Screens Replacement	This project will replace the two mechanical screens and one manual bar rack with three new mechanical screens.
MCC Replacement	This project will replace electrical motor control centers that have reached the end of their useful life.

Miscellaneous Improvements	This project will rehabilitate or replace miscellaneous structural and electrical improvements at various facilities at the plant.
Odor Scrubber System Improvements	This project will replace the odor control systems at the Headworks Building, Primary Clarifiers 1 through 4 Building, Alvarado Influent Pump Station, Centrifuge Building, WAS Thickening Building, Gravity Thickeners, and Degritter Building.
Plant 1 and 2 Water System Improvements	This project will construct a booster pump station to improve the capacity and pressure of the plant's 1 and 2 water systems.
Plant 12kV Switchgear	This project will replace the plant's existing 12,000-Volt utility switchgear located in the Main Electrical Building.
Plant 5kV Switchgear	This project will replace the plant's 4,160-volt switchgear located in the Main Electrical Building.
Plant Additional Power Source	This is a budget placeholder for a project to install a secondary electrical feed from PG&E to accommodate higher power demand at the plant.
Plant Asset Condition Assessment R&R	These are budget placeholders for replacing equipment at the plant based on recommendations from the 2018 Plant Asset Condition Assessment Study, and any subsequent updates.
Plant Fiber Optic Network	These are budget placeholders for construction of underground communication duct banks to provide a route for the plant's fiber optic communication infrastructure.
Plant Mechanical and Electrical Projects	These are budget placeholders for the mechanical and electrical assets at the plant.
PLC Replacement	These are budget placeholders to replace the processor modules in the plant's programmable logic controllers located at all process areas.
Primary Clarifier (1 - 4) Seismic Upgrade	This project will upgrade the Primary Clarifiers 1 through 4 Building's structure to address seismic deficiencies identified in the 2016 Seismic Study.
Primary Clarifier Rehab (5-6)	This project will replace the clarifier mechanisms, modify the ventilation system, and rehabilitate the structural components of the Primary Clarifiers 5 and 6 Building, including Sludge Pump Room 3.
Reclaimed Water	This budget placeholder is for the construction of a reclaimed water fill station and other reclaimed water projects that could be developed in the future.
Secondary Digester No. 1 Insp & Rehab	This project will conduct a condition assessment and rehabilitate Secondary Digester No. 1 and its associated equipment, piping, and valves.
Secondary Digester No. 2 Insp & Rehab	This project will conduct a condition assessment and rehabilitate Secondary Digester No. 2 and its associated equipment, piping, and valves.
Seismic Retrofit of Conc. Structures	These are budget placeholders for the seismic retrofit of concrete structures at the plant.
Sodium Hypochlorite Loop Improvements	This project will replace portions of the sodium hypochlorite piping system for the odor control system and the process disinfection process.
Standby Power Generation System Upgrade	This project will replace the plant's standby generators, Substation 2, and the Odor Control Building's switchgear.
Standby Power Generator No. 4	This project will install a fourth standby generator in the new Standby Power Building if the plant's power demand increases.

Switchboard 3 and MCC 25 Replacement	This project will replace Switchboard 3 and Motor Control Center (MCC) 25 located in the Main Electrical Building.
Thickeners 1 and 2 Rehabilitation	This project will replace the thickener mechanism and rehabilitate the concrete at Thickeners 1 and 2.
Thickeners 3 and 4 Rehabilitation	This project will replace the thickener mechanism and rehabilitate the concrete at Thickeners 3 and 4.
WAS Thickeners	This project will replace the gravity belt thickeners, pumps, motor control center, and programmable logic controller in the WAS Thickener Building.
Waste Recycling and Alternative Energy	This budget placeholder is a project to construct a waste recycling project and/or alternative energy project.

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ABOUT USD



Easterly Aeration Basins (looking north)

About USD

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

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

Today, USD's service area covers over 60 square miles (about 38,400 acres) and serves over 355,000 residents in the cities of Fremont, Newark, and Union City, with over 113,000 residential, commercial, and industrial connections. Total flow to our Alvarado Treatment Plant in Union City was over 8.3 billion gallons in 2021, and averages between 22 and 24 million gallons every day with a permitted capacity of up to 33 million gallons per day.

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

The Communities We Serve

The District provides wastewater collection, treatment and disposal services to the residents and businesses of the cities of Fremont, Newark, and Union City, commonly referred to as the Tri-City Area, with a combined population of over 355,000. Information obtained from each city is presented below.

The City of Fremont

Located on the southeast side of the San Francisco Bay, Fremont is a city of over 234,000 people and 76,000 households, with an area of 92-square miles. Fremont remains the fourth most populous city in the Bay Area and California's 16th largest city. With its moderate climate and its proximity to major universities, shopping areas, recreation and cultural activities, employment centers, major airports, and the Bay Area Rapid Transit system, Fremont captures metropolitan living at its best.

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

and the Port of Oakland. Fremont is home to a broad variety of innovative firms including over 1,200 high tech, life science, and clean technology firms. The city has a broad range of quality, affordable business locations; a superior workforce; and a wide variety of tax benefits and incentive programs for businesses.

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

The City of Newark

Newark has an area of 14 square miles, a population of over 48,000. Newark was incorporated in 1955 and is located 35 miles south of San Francisco and next to many high-tech hubs, including easy access to highways 880, 580, 680, and the Dumbarton Corridor. This makes Newark an ideal location to live or do business. Newark has evolved throughout the years from its days enriched in agriculture, manufacturing, and railroad to today's expansion of high-tech, biotech, and the health sciences.

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

The City of Union City

Union City is 18 square miles in area, boasting a diverse and unified people, excellent educational institutions, unsurpassed quality of life, strong economy, and world-renowned location in The San Francisco Bay Area. Incorporated in 1959, the city proudly maintains a small-town feel despite being in the center of the Bay Area, with San Francisco and Silicon Valley just minutes away. Union City has grown into an ethnically diverse community of over 73,000 residents, and the highly regarded New Haven Unified School District serves about 13,000 K-12 students. The community offers a variety of housing, with affordable and upscale homes available in many charming neighborhoods throughout the city. The transit-oriented Station District, located around the Union City BART station, boasts housing and business development opportunities with easy, convenient access to major public transit running throughout the Bay Area. Union City also offers 33 wonderful parks, sports fields, community centers, and a variety of recreation programs and social services for residents of all ages. Region-wide, the Tri-City area is experiencing significant impacts as a result of Covid-19.

SERVICE AREA MAP



BUDGET DOCUMENT & PROCESS



Air Piping System for Aeration Basins 5 Through 7

BUDGET PROCESS

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

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

The budget is prepared in accordance with fiscal policies/guidelines and objectives as established by the Board in Policy #2015. The time frames provided in the budget calendar reflect early involvement of District staff and the Board in review and discussion of policy direction, goals and objectives concurrent with development of financial projections and service level requirements. With this approach, the necessary components that guide the process are incorporated into the proposed budget prior to formal submission to the Board. Readers may be interested to know that all appropriations, excluding Capital Projects, lapse at year-end. This means that this budget only contains new appropriations for the Fiscal Year.

Key budget dates are shown below:

Date	Process
Early January 2022	Budget discussions begin with all departments including FY 21/22 midyear and year end projections
March 7, 2022	Midyear presentation to Board with discussions on FY 22/23 budget drivers
May 10, 2022	Budget workshop held with Board
May 23, 2022	Presentation of the FY 22/23 proposed budget to the Board
June 27, 2022	Adoption of the FY 22/23 budget by the Board

BUDGET REPORTING

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

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

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

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

FINANCIAL STATEMENT REPORTING

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

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OTHER INFORMATION



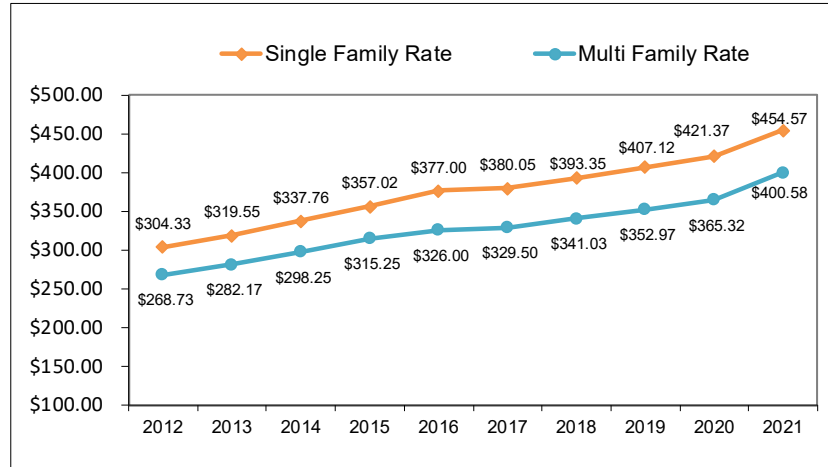
Secondary Clarifiers

UNION SANITARY DISTRICT

Current and Historical Fees As of June 30, 2021 Last Ten Years

Sewer Service Charge Rates

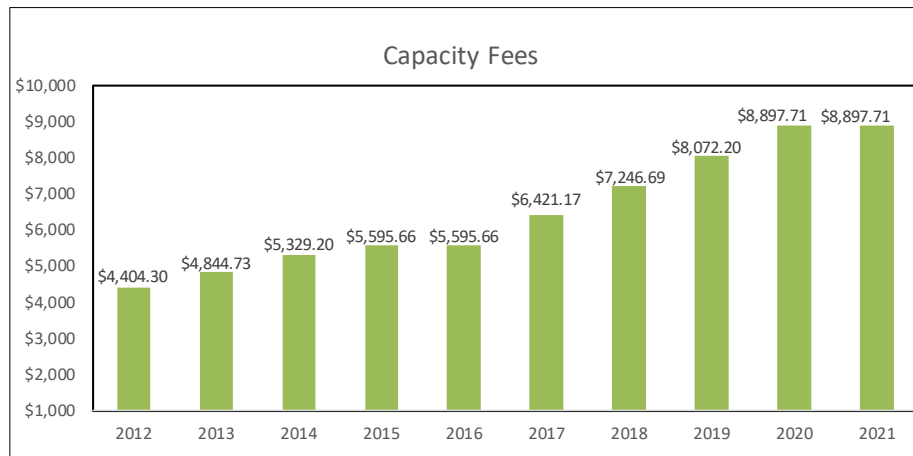
	Single Family Rate	Multi - Family Rate	Single Family Rate Percentage Change
2021	\$454.57	\$400.58	7.9%
2020	\$421.37	\$365.32	3.5%
2019	\$407.12	\$352.97	3.5%
2018	\$393.35	\$341.03	3.5%
2017	\$380.05	\$329.50	1.0%
2016	\$377.00	\$326.00	5.6%
2015	\$357.02	\$315.25	5.7%
2014	\$337.76	\$298.25	5.7%
2013	\$319.55	\$282.17	5.0%
2012	\$304.33	\$268.73	5.0%



The fees above are for residential units. A property with multiple housing units such as an apartment complex is charged \$400.58 for each dwelling unit on the property. Fees for commercial and industrial customers are based on the volume and strength of the wastewater being treated.

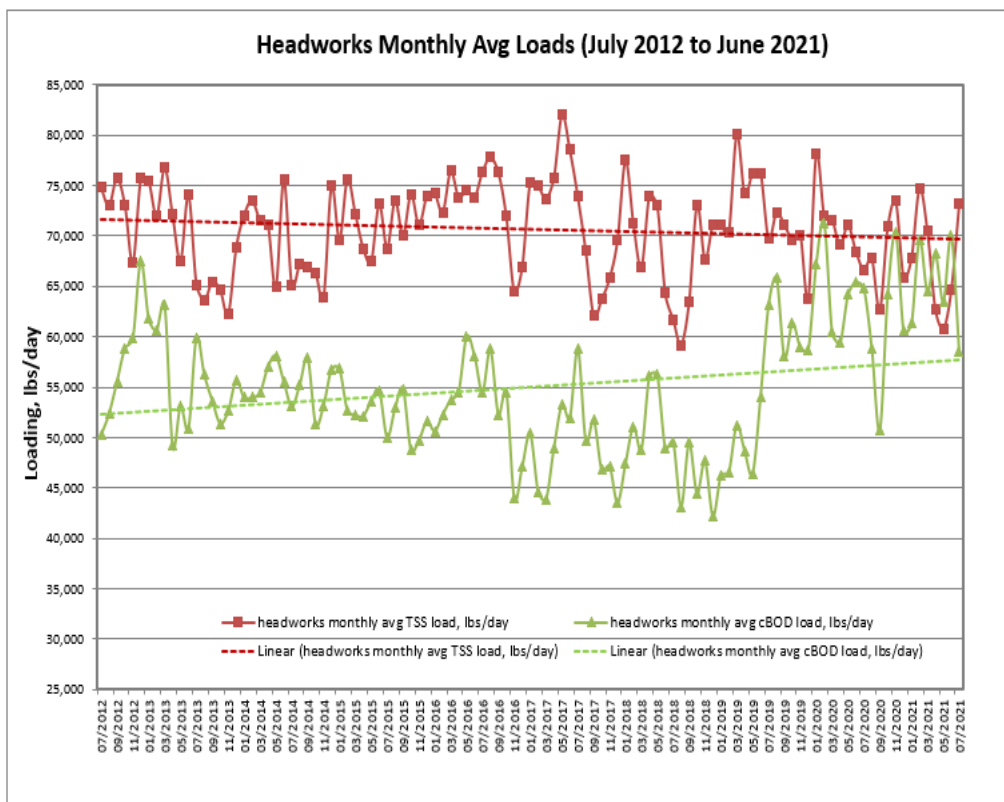
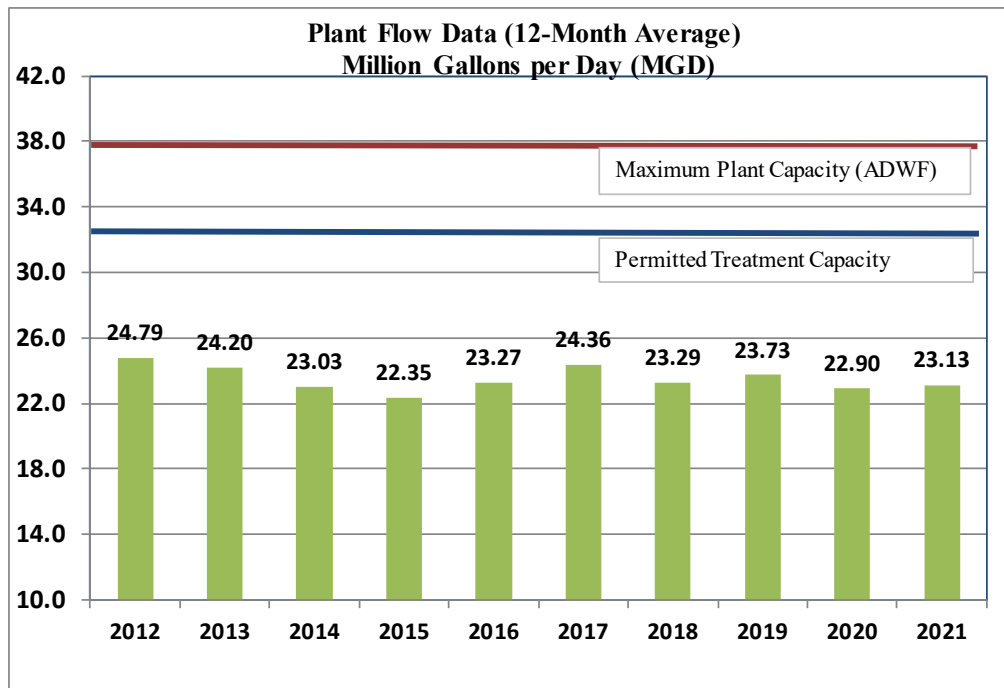
Capacity Fee Rates

		Percentage Change
2021	\$8,897.71	0.0%
2020	8,897.71	10.2%
2019	8,072.20	11.4%
2018	7,246.69	12.9%
2017	6,421.17	14.8%
2016	5,595.66	0.0%
2015	5,595.66	5.0%
2014	5,329.20	10.0%
2013	4,844.73	10.0%
2012	4,404.30	10.0%



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

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



Source: USD Treatment and Disposal Work Group

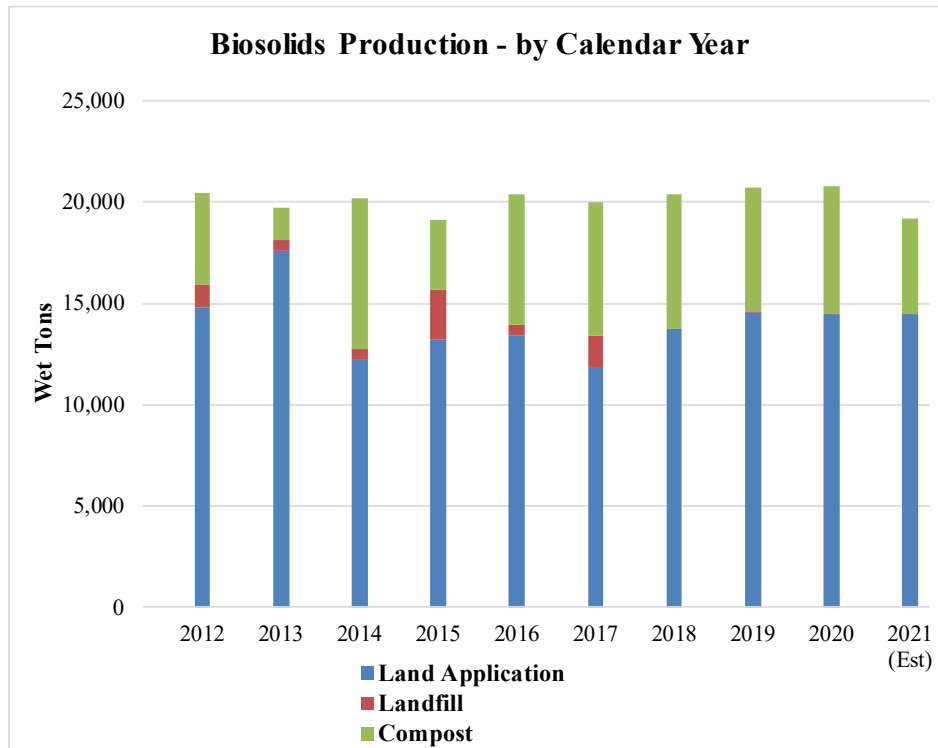
UNION SANITARY DISTRICT

Operating Indicators - Biosolids Last Ten Calendar Years

Function/Program

Biosolids

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021 (Est)
Land Application	14,770	17,597	12,212	13,212	13,395	11,784	13,733	14,529	14,452	14,451
Landfill	1,187	501	545	2,450	563	1,624	0	72	0	0
Compost	4,501	1,642	7,414	3,470	6,399	6,584	6,615	6,103	6,342	4,722
Total (in Wet Tons)	20,458	19,741	20,171	19,132	20,357	19,992	20,347	20,704	20,793	19,173



UNION SANITARY DISTRICT

Full-time Equivalent District Employees by Function/Program Last 10 Fiscal Years

Function/Program	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012
System Operations and Maint (CS Support, FMC, T&D, WHSE)	54.45	53.45	54.45	55.45	52.45	53.45	53.45	50.45	51.45	51.45
Engineering and construction (CIP, ETSU)	13.00	11.00	9.00	8.00	9.00	10.00	8.00	8.00	7.00	8.00
Collections System Maintenance (CS)	25.00	26.00	25.00	25.00	25.00	25.00	23.00	23.00	24.00	22.00
Office of the General Manager (GM)	2.00	2.00	2.00	2.00	2.00	2.00	3.00	1.00	2.00	3.00
Finance (FAST)	5.00	5.00	6.00	5.00	3.00	5.00	5.00	5.00	5.00	5.00
Information systems (IT)	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Administration Dept (Adm Specialist, Purchasing, non-HR OST)	14.00	15.00	12.00	13.00	13.00	14.00	13.00	14.00	15.00	14.00
Customer and community services (Rest of TS)	20.00	20.00	21.00	21.00	20.00	20.00	18.00	19.00	19.00	19.00
Human resources (HR)	2.00	2.00	2.00	2.00	2.00	2.00	3.00	3.00	3.00	3.00
Total # of Employees	140.45	139.45	136.45	136.45	131.45	136.45	131.45	128.45	131.45	130.45
Average years of service of employees as of June 30:	10.76	10.20	10.20	10.41	10.60	10.54	11.25	11.97	11.70	12.25

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

UNION SANITARY DISTRICT
Ten Principal Industrial Rate Payers by Levy
June 30, 2021

2020-21				2019-20			
Rate Payer	Total Annual Billing	Rank	% of Total Annual Billings	Rate Payer	Total Annual Billing	Rank	% of Total Annual Billings
Tesla	\$1,176,212	1	1.89%	Tesla	\$1,381,023	1	2.29%
Mission Linen Supply	243,523	2	0.39%	Washington Hospital	314,394	2	0.52%
Western Digital	224,028	3	0.36%	US Pipe	244,663	3	0.41%
Washington Hospital	213,400	4	0.34%	Western Digital	187,814	4	0.31%
Ranch 99/Warm Springs Shopping Center	213,196	5	0.34%	Ranch 99/Warm Springs Shopping Center	161,740	5	0.27%
Union Square Shopping Center	212,278	6	0.34%	Union Square Shopping Center/ Market Place	161,271	6	0.27%
Lam Research	204,684	7	0.33%	Lam Research	160,087	7	0.27%
US Pipe	194,164	8	0.31%	Ranch 99/Newark	148,835	8	0.25%
Ranch 99/Newark	181,779	9	0.29%	Marriott Hotel	133,716	9	0.22%
Boehringer Ingeheim	168,826	10	0.27%	Sterling Foods	127,508	10	0.21%
Total annual billing largest ten:	<u>\$3,032,089</u>		<u>4.88%</u>	Total annual billing largest ten:	<u>\$3,021,050</u>		<u>5.02%</u>
Total ALL annual billings	<u>\$62,142,806</u>			Total ALL annual billings	<u>\$60,216,149</u>		

2018-19				2017-18			
Rate Payer	Total Annual Billing	Rank	% of Total Annual Billings	Rate Payer	Total Annual Billing	Rank	% of Total Annual Billings
Tesla	\$1,228,862	1	2.14%	Tesla	\$817,848	1	1.51%
Washington Hospital	221,799	2	0.39%	Western Digital	141,806	2	0.26%
US Pipe	216,296	3	0.38%	Solar City	172,276	3	0.32%
Western Digital	174,219	4	0.30%	US Pipe	135,774	4	0.25%
Ranch 99/Warm Springs Shopping Center	157,421	5	0.27%	Seagate Magnetics	156,718	5	0.29%
Ranch 99/Newark	152,401	6	0.27%	Lam Research	122,934	6	0.23%
Marriott Hotel	141,572	7	0.25%	Washington Hospital	173,057	7	0.32%
Union Square Shopping Center	138,482	8	0.24%	Kaiser Hospital	106,337	8	0.20%
Lam Research	125,330	9	0.22%	Boehringer Ingeheim	87,678	9	0.16%
Gateway Plaza Shopping Center	125,202	10	0.22%	Seagate Technology #3	69,384	10	0.13%
Total annual billing largest ten:	<u>\$2,681,584</u>		<u>4.68%</u>	Total annual billing largest ten:	<u>\$1,983,813</u>		<u>3.66%</u>
Total ALL annual billings	<u>\$57,330,651</u>			Total ALL annual billings	<u>\$54,260,096</u>		

2016-17				2015-16			
Rate Payer	Total Annual Billing	Rank	% of Total Annual Billings	Rate Payer	Total Annual Billing	Rank	% of Total Annual Billings
Tesla	\$1,141,868	1	2.18%	Tesla	\$469,466	1	0.94%
Washington Hospital	206,132	2	0.39%	Western Digital	218,616	2	0.44%
Western Digital	176,435	3	0.34%	Seagate Technology #3	152,100	3	0.30%
Ranch 99/Warm Springs Shopping Center	161,772	4	0.31%	Washington Hospital	147,910	4	0.30%
Marriott Hotel	142,229	5	0.27%	US Pipe	123,218	5	0.25%
Ranch 99/Newark	133,807	6	0.26%	Marriott Hotel	119,716	6	0.24%
US Pipe	130,685	7	0.25%	Kaiser Hospital	118,369	7	0.24%
Kaiser Hospital	125,907	8	0.24%	Ranch 99/Warm Springs Shopping Center	115,458	8	0.23%
Gateway Plaza	124,269	9	0.24%	Pacific Commons (Area 4-Asian Pearl, Kinder:	112,498	9	0.22%
Pacific Commons (Area 4-Asian Pearl, Kinder:	119,920	10	0.23%	Pacific Commons (Kohls/Old Navy Area)	108,358	10	0.22%
Total annual billing largest ten:	<u>\$2,463,022</u>		<u>4.70%</u>	Total annual billing largest ten:	<u>\$1,685,708</u>		<u>3.36%</u>
Total ALL annual billings	<u>\$52,384,709</u>			Total ALL annual billings	<u>\$50,112,564</u>		

UNION SANITARY DISTRICT

Miscellaneous Statistics

6/30/2021

Governing Body:	Elected 5-Member Board of Directors Fremont - 3 Members Newark - 1 Member Union City - 1 Member
Governmental Structure:	Established in 1918 and reorganized in 1923 under the Sanitary District Act
Staff:	140.45 full-time equivalent employees
CEO:	General Manager
CFO:	Business Services Manager
Authority:	California Health and Safety Code Section 4700 et. Seq.
Services:	Wastewater collection, treatment and disposal
Service Area:	60.2 square miles (Annexed areas - Fremont, Newark and Union City)
Total Population Served:	355,877
Number of Parcels	101,456 (90,442 Residential; 3,116 Non-Residential; 7,907 Other (vacant land))
Operations:	Total miles of pipeline - 839, including the force main and all gravity sewers (including trunk mains) Number of pumping stations - 7 Larger: Irvington, Newark, Alvarado Smaller: Fremont, Boyce, Paseo Padre, Cherry Street
Permitted Plant Treatment Capacity (ADWF)	33 million gallons per day (mgd)
Type of Treatment:	Secondary
Sewer Service Charge:	\$454.57 annually per single family residential dwelling unit

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APPENDIX



Digester 7

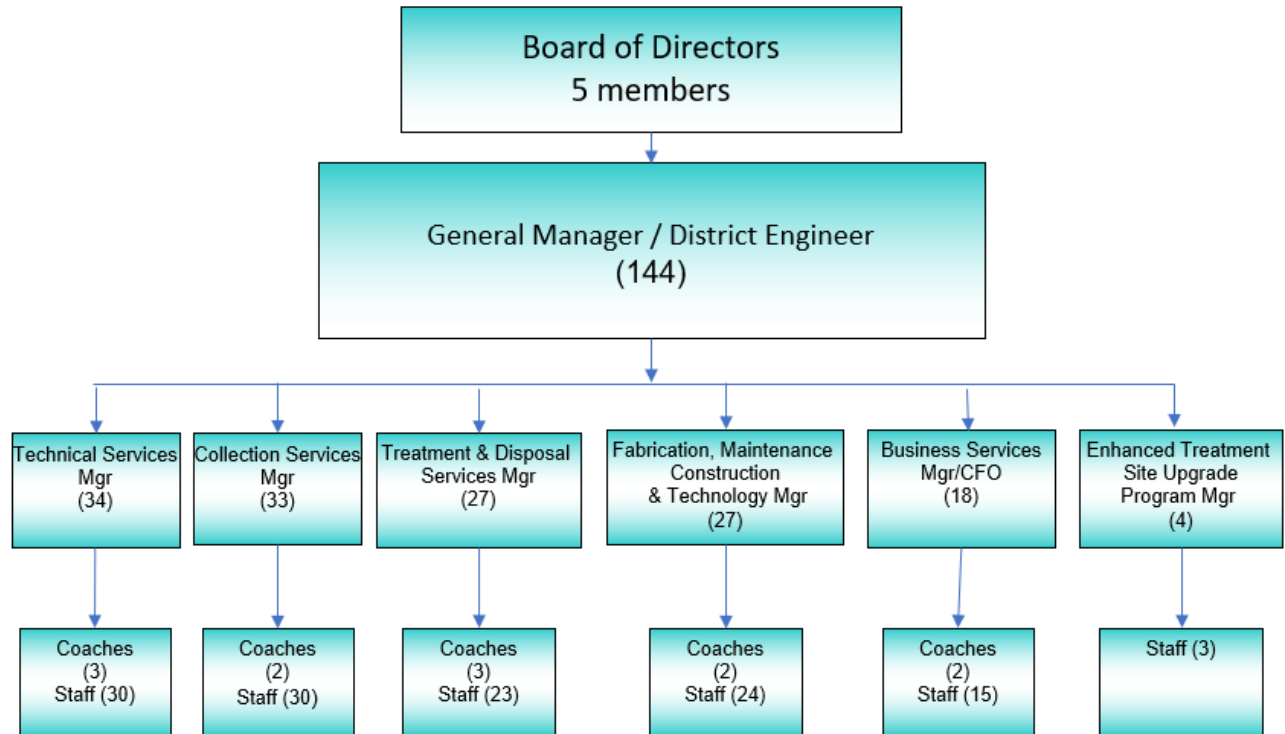
Principal Officials

Board Member	Position	City Represented	Year Elected	Term Expires
Anjali Lathi	President	Fremont, Ward 3	2002	2024
Manny Fernandez	Vice President	Union City, Ward 1	2011	2024
Jennifer Toy	Secretary	Fremont, Ward 3	1998	2022
Tom Handley	Director	Fremont, Ward 3	2007	2022
Pat Kite	Director	Newark, Ward 2	1991	2024

Staff

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

Karen W. Murphy - General Counsel





VISION/MISSION STATEMENT

April 10, 2017

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

How we continue to accomplish our Vision:

Commitment to safety:

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

Responsibility:

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

Collect, treat, and recover/reuse wastewater:

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

Human health and environmental stewardship

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



VISION/MISSION STATEMENT

April 10, 2017

We benefit our stakeholders by:

Community

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

Customer

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

Employees

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

Union Sanitary District 20-Year CIP
FY 2023 - FY2042
(All Figures x \$1,000)

Fund	%	Rank	Status	Project Name	Total Project Budget	Spent in Prior Years	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	FY 31	FY 32	10-Year Total	FY 33	FY 34	FY 35	FY 36	FY 37	FY 38	FY 39	FY 40	FY 41	FY 42	20-Year Total							
ADMINISTRATIVE FACILITIES																																			
800		3		Additional CS (Vehicle) Storage								250					250											250							
800		2	Constr	Cathodic Protection Improvements	760	738	22	500		300		320		342		365	1,849		389		415		443		473		504	4,073							
800		1	Constr	ETSU - 1A - Campus Building	94,061	4,790	17,000	52,671	19,600											89,271											89,271				
800		1	Program	Field Ops Bldg. Sesmic Upgrade and Leak Repairs	5,550	0	300	340	3,437	1,473											5,550											5,550			
800		3		FMC Storage			300										300											300							
800		3		Plant Paving								750		200		200	1,150		200		200		200		200		200	2,150							
800		2		Radio Repeater Antenna Replacement								150					150											150							
800	50	3		Solar Panels/Inverters Replacement at Alvarado													0		185											185					
900	50	3		Solar Panels/Inverters Replacement at Alvarado													0		185											185					
800	50	2		Solar Panels/Inverters Replacement at Carport	50	0	50										335		385						139					524					
900	50	2		Solar Panels/Inverters Replacement at Carport	50	0	50										335		385						139					524					
800	50	2	Des/Constr	Solar Panels/Inverters Replacement at Irvington	150	0	150											916	1,066											1,066					
900	50	2	Des/Constr	Solar Panels/Inverters Replacement at Irvington	150	0	150											916	1,066											1,066					
Total for ADMINISTRATIVE FACILITIES					100,771	5,528	17,622	53,811	23,137	1,773	0	1,070	400	542	670	2,397	101,422	0	959	0	615	0	643	0	673	278	704	105,294							
Total Priority 1 Administrative Facilities					99,611	4,790	17,300	53,011	23,037	1,473	0	0	0	0	0	0	94,821	0	0	0	0	0	0	0	0	0	0	94,821							
Total Priority 2 Administrative Facilities					1,160	738	322	500	100	300	0	320	150	342	670	2,197	4,901	0	389	0	415	0	443	0	473	278	504	7,403							
Total Priority 3 Administrative Facilities					0	0	0	300	0	0	0	750	250	200	0	200	1,700	0	570	0	200	0	200	0	200	0	200	3,070							
Total Fund 800 - Administrative Facilities					100,571	5,528	17,472	53,811	23,087	1,773	0	1,070	400	542	335	1,481	99,971	0	774	0	615	0	643	0	673	139	704	103,519							
Total Fund 900 - Administrative Facilities					200	0	150	0	50	0	0	0	0	0	335	916	1,451	0	185	0	0	0	0	0	0	139	0	1,775							
Fund	%	Rank	Status	Project Name	Total Project Budget	Spent in Prior Years	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	FY 31	FY 32	10-Year Total	FY 33	FY 34	FY 35	FY 36	FY 37	FY 38	FY 39	FY 40	FY 41	FY 42	20-Year Total							
COLLECTION SYSTEM																																			
800		2		Cast Iron/Pipe Lining			570					607	648					692	2,517	738	788					841	897					957	6,738		
800		1	Design	Central Avenue Sanitary Sewer Relocation	1,400	0	100	1,300											1,400																1,400
800		2	Constr	FY 21 Cast Iron/Piping Lining	335	318	17											17																17	
800		2	Des/Constr	FY 23 Cast Iron/Piping Lining	530	0	530											530																530	
800		2	Constr	Gravity Sewer Rehab/Replacement	796	766	30	1,708		1,823		1,945		2,075		2,215	9,796		2,363		2,522		2,691		2,871		3,064	23,307							
800		1		RCP Sewer Rehab (Alvarado Basin)			200					2,200	2,500						4,900																4,900

Union Sanitary District 20-Year CIP
FY 2023 - FY2042
(All Figures x \$1,000)

Fund	%	Rank	Status	Project Name	Total Project Budget	Spent in Prior Years	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	FY 31	FY 32	10-Year Total	FY 33	FY 34	FY 35	FY 36	FY 37	FY 38	FY 39	FY 40	FY 41	FY 42	20-Year Total
800		1	Constr	RCP Sewer Rehab (Irvington Basin)	6,025	825	5,200					2502,2002,550					10,200											10,200
800		1		RCP Sewer Rehab (Newark Basin)			250					2,200	2,550				5,000											5,000
Total for COLLECTION SYSTEM					9,086	1,909	5,877	3,008	770	4,023	3,357	4,145	3,448	4,275	3,242	2,215	34,360	738	2,363	788	2,522	841	2,691	897	2,871	957	3,064	52,092
Total Priority 1 Collection System					7,425	825	5,300	1,300	200	2,200	2,750	2,200	2,800	2,200	2,550	0	21,500	0	0	0	0	0	0	0	0	0	0	21,500
Total Priority 2 Collection System					1,661	1,084	577	1,708	570	1,823	607	1,945	648	2,075	692	2,215	12,860	738	2,363	788	2,522	841	2,691	897	2,871	957	3,064	30,592
Total Priority 3 Collection System					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Fund 800 - Collection System					9,086	1,909	5,877	3,008	770	4,023	3,357	4,145	3,448	4,275	3,242	2,215	34,360	738	2,363	788	2,522	841	2,691	897	2,871	957	3,064	52,092
Total Fund 900 - Collection System					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Fund	%	Rank	Status	Project Name	Total Project Budget	Spent in Prior Years	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	FY 31	FY 32	10-Year Total	FY 33	FY 34	FY 35	FY 36	FY 37	FY 38	FY 39	FY 40	FY 41	FY 42	20-Year Total	
TRANSPORT SYSTEM																													
800	50	2		Alameda Creek Crossing Lift Station													0						7684,5745,591					10,933	
900	50	2		Alameda Creek Crossing Lift Station													0						7684,5745,591					10,933	
900		1	Des/Constr	Cherry St. PS	543	105	320	118								438											438		
900		2		Equalization Storage @ Newark													0	3,0669,407					21,951					34,424	
800		1	Constr	Forcemain Corrosion Repairs - Phase 3	1,344	144	1,200										1,200											1,200	
800		1	Des/Constr	Forcemain Corrosion Repairs - Phase 4	1,400	0	100	1,400								1,500											1,500		
800		3		Forcemain Rehabilitation													0						90012,27512,27512,27512,275					50,000	
800	50	2	Constr	Irvington PS Pumps and VFDs	56	6	50				1,147	6,158	2,639					9,994											9,994
900	50	2	Constr	Irvington PS Pumps and VFDs	56	6	50				1,147	6,158	2,639					9,994											9,994
800	45	2	Constr	Newark and Irvington PS Chemical System Improve	4,382	332	675	2,250	1,125								4,050											4,050	
900	55	2	Constr	Newark and Irvington PS Chemical System Improve	5,356	406	825	2,750	1,375								4,950											4,950	
800	50	2		Newark PS Pumps and VFDs								1,3705,0436,163					12,576											12,576	
900	50	2		Newark PS Pumps and VFDs								1,3705,0436,163					12,576											12,576	
800		3		Pump Station Asset Condition Assessment R&R			3,849			929	211	4,549					9,538	96	5,798		5,364			765			21,561		
900		2		Sanctuary West Pump Station			1,500			1,500						3,000											3,000		
800		3		Transport System Misc. Projects			250			250	250	250	250	250	250	250	1,750	250	250	250	250	250	250	250	250	250	4,250		
Total for TRANSPORT SYSTEM					13,137	999	3,220	6,518	6,349	4,973	14,277	5,528	2,990	14,885	12,576	250	71,566	250	346	6,048	3,316	15,021	23,101	14,061	13,290	21,673	23,707	192,379	

Union Sanitary District 20-Year CIP
FY 2023 - FY2042
(All Figures x \$1,000)

Fund	%	Rank	Status	Project Name	Total Project Budget	Spent in Prior Years	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	FY 31	FY 32	10-Year Total	FY 33	FY 34	FY 35	FY 36	FY 37	FY 38	FY 39	FY 40	FY 41	FY 42	20-Year Total
				Total Priority 1 Transport System	3,287	249	1,620	1,518	0	0	0	0	0	0	0	0	3,138	0	0	0	0	0	0	0	0	0	0	3,138
				Total Priority 2 Transport System	9,850	750	1,600	5,000	2,500	3,794	13,816	5,278	2,740	10,086	12,326	0	57,140	0	0	0	3,066	9,407	21,951	1,536	0	9,148	11,182	113,430
				Total Priority 3 Transport System	0	0	0	0	3,849	1,179	461	250	250	4,799	250	250	11,288	250	346	6,048	250	5,614	1,150	12,525	13,290	12,525	12,525	75,811
				Total Fund 800 - Transport System	7,182	482	2,025	3,650	4,974	2,326	6,619	2,889	1,620	9,842	6,413	250	40,608	250	346	6,048	250	5,614	1,150	13,293	13,290	17,099	18,116	116,064
				Total Fund 900 - Transport System	5,955	517	1,195	2,868	1,375	2,647	7,658	2,639	1,370	5,043	6,163	0	30,958	0	0	0	3,066	9,407	21,951	768	0	4,574	5,591	76,315

Fund	%	Rank	Status	Project Name	Total Project Budget	Spent in Prior Years	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	FY 31	FY 32	10-Year Total	FY 33	FY 34	FY 35	FY 36	FY 37	FY 38	FY 39	FY 40	FY 41	FY 42	20-Year Total					
TREATMENT PLANT																																	
900		2	Constr	Aeration Blower 11 and East Blower Bldg Improvements	2,270	2,155	115											115											115				
800	50	2	Constr	Alvarado Influent PS Improvements	5,633	5,393	240											240											240				
900	50	2	Constr	Alvarado Influent PS Improvements	5,633	5,393	240											240											240				
800		2		Alvarado Influent Valve Box Gate Valves 1-2				50	500											550											550		
800	50	2	Constr	Centrifuge Building Improvements	813	803	10											10											10				
900	50	2	Constr	Centrifuge Building Improvements	813	803	10											10											10				
800	50	2		Centrifuge Replacement						583	1,325	5,171	2,585						9,664											9,664			
900	50	2		Centrifuge Replacement						583	1,325	5,171	2,585						9,664											9,664			
800		2		Centrifuge System Equipment Replacement						927	1,263	7,666	4,472						14,328											14,328			
800	50	1		Cogen Engine No. 1 60K Block Replacement					525											525	625								750		1,900		
900	50	1		Cogen Engine No. 1 60K Block Replacement					525											525	625								750		1,900		
800	50	1		Cogen Engine No. 2 60K Block Replacement				500											1,075								725						1,800
900	50	1		Cogen Engine No. 2 60K Block Replacement				500											1,075								725						1,800
800	50	2		Cogen Retrofit											271	1,230	1,501													1,501			
900	50	2		Cogen Retrofit											271	1,230	1,501													1,501			
800		2		Control Box No. 1 Improvements							622	4,425	1,896						6,943											6,943			
800		2		Degritter Building Roof (Seismic) Replacement													610	3,383	1,450	5,443											5,443		
800	50	2		Degritting at Headworks and Improvements							948	5,429	2,327						8,704											8,704			
900	50	2		Degritting at Headworks and Improvements							948	5,429	2,327						8,704											8,704			
800		3		Diffuser Replacement													0		504	781	807											2,092	
900		3		Digester Additional Capacity													0																0
800		2		Digester No. 1 Insp & Rehab						358	1,998	1,332						3,688							732	2,996	2,996						10,412
800		1		Digester No. 2 Insp & Rehab													0			576	3,318	2,212											6,106
800		3		Digester No. 3 Insp & Rehab													522	522	3,010	2,007											5,539		
800		3		Digester No. 4 Insp & Rehab						430	2,398	1,599						4,427							740	4,267	2,845						12,279

Union Sanitary District 20-Year CIP
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(All Figures x \$1,000)

Fund	%	Rank	Status	Project Name	Total Project Budget	Spent in Prior Years	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	FY 31	FY 32	10-Year Total	FY 33	FY 34	FY 35	FY 36	FY 37	FY 38	FY 39	FY 40	FY 41	FY 42	20-Year Total
800		3		Digester No. 5 Insp & Rehab								474	2,731	1,820		5,025							553		3,186		8,764	
800		3	Design	Digester No. 6 Insp & Rehab	7,050	0	479	2,278	4,571							1,005	8,333	4,109	4,109									16,551
800		3		Digester No. 7 Insp & Rehab													0			1,550	6,341	6,341						14,232
900		1	Constr	Digester No. 7	28,643	28,443	200										200											200
800	50	1	Constr	Emergency Outfall Outlet Improvements	1,256	1,226	30										30											30
900	50	1	Constr	Emergency Outfall Outlet Improvements	1,256	1,226	30										30											30
800	60	1	Constr	ETSU - 1A - Aeration Basin Modifications	46,441	6,965	5,580	11,160	11,460	11,276							39,476											39,476
900	40	1	Constr	ETSU - 1A - Aeration Basin Modifications	30,961	4,643	3,720	7,440	7,640	7,518							26,318											26,318
800	40	1	Constr	ETSU - 1A - Aeration Basin No. 8	10,673	729	3,680	4,880	1,384								9,944											9,944
900	60	1	Constr	ETSU - 1A - Aeration Basin No. 8	16,010	1,094	5,520	7,320	2,076								14,916											14,916
800	60	1	Constr	ETSU - 1A - Aeration Internal Lift Pumps	5,891	268	2,220	1,920	1,483								5,623											5,623
900	40	1	Constr	ETSU - 1A - Aeration Internal Lift Pumps	3,928	179	1,480	1,280	989								3,749											3,749
800	60	1	Constr	ETSU - 1A - Blower 7-10 Replacement	12,041	826	4,260	3,821	2,460	674							11,215											11,215
900	40	1	Constr	ETSU - 1A - Blower 7-10 Replacement	8,027	550	2,840	2,547	1,640	450							7,477											7,477
800		1	Constr	ETSU - 1A - Plant 12kV Switchgear (SWGR-SE)	5,458	470	3,100	1,888									4,988											4,988
800	50	1	Constr	ETSU - 1A - Site Drainage Improvements	4,429	0	500	2,329	1,600								4,429											4,429
900	50	1	Constr	ETSU - 1A - Site Drainage Improvements	4,429	0	500	2,329	1,600								4,429											4,429
800	60	1	Design	ETSU - 1B - Secondary Clarifiers	89,877	1,248	1,200	7,500	26,880	30,600	19,546	2,903					88,629											88,629
900	40	1	Design	ETSU - 1B - Secondary Clarifiers	59,918	832	800	5,000	17,920	20,400	13,031	1,935					59,086											59,086
800	60	1	Design	ETSU - 1B - Switchboard 4 Replacement	1,194	0	90	270	834								1,194											1,194
900	40	1	Design	ETSU - 1B - Switchboard 4 Replacement	796	0	60	180	556								796											796
800	60	1	Design	ETSU - 1B - Effluent Facilities	28,943	669	600	2,880	8,520	9,660	5,917	697					28,274											28,274
900	40	1	Design	ETSU - 1B - Effluent Facilities	19,296	446	400	1,920	5,680	6,440	3,945	465					18,850											18,850
800	25	1	Design	ETSU - 1C - Plant Equalization Storage	9,905	0				300	450	7,855	1,300				9,905											9,905
900	75	1	Design	ETSU - 1C - Plant Equalization Storage	29,713	0				900	1,350	23,563	3,900				29,713											29,713
800	50	3		ETSU - 2 - Nutrient Removal (Level 2 Year-round)													0						2,774	11,463	36,329	48,439	36,329	135,334
900	50	3		ETSU - 2 - Nutrient Removal (Level 2 Year-round)													0						2,774	11,463	36,329	48,439	36,329	135,334
800		2		Flares Replacement				706	4,083	1,750							6,539											6,539
800		2		Headworks Gates										500	3,702		4,202											4,202
800		2		MCC Replacement								50	491				541											541
800		2	Des/Constr	Miscellaneous Improvements	1,900	170	650	1,080									1,730											1,730
800		2		Odor Scrubber System Improvements					631	1,295	5,686	4,823	1,475	370	2,927	1,280	18,487	7,096	4,407	7,572	3,694	3,557	799	6,326			51,938	
800		2		Plant 1 and 2 Water System Improvements						105	1,069						1,174											1,174

Union Sanitary District 20-Year CIP FY 2023 - FY2042 (All Figures x \$1,000)																												
Fund	%	Rank	Status	Project Name	Total Project Budget	Spent in Prior Years	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	FY 31	FY 32	10-Year Total	FY 33	FY 34	FY 35	FY 36	FY 37	FY 38	FY 39	FY 40	FY 41	FY 42	20-Year Total
800		2		Plant 5kV Switchgear			379	2,713	1,163								4,255										4,255	
800		2		Plant 12kV Switchgear				1,068	4,722	4,722							10,512										10,512	
800	50	3		Plant Additional Power Source													0				250		2,000	2,750			5,000	
900	50	3		Plant Additional Power Source													0				250		2,000	2,750			5,000	
800		2		Plant Asset Condition Assessment R&R			157	4,934	497			979	827	3,562	3,648	7,877	22,481	1,132	2,646	406	247		398		1,062	4,403	24,516	57,291
800	50	2	Des/Constr	Plant Fiber Optic Network	700	0	100	600					200	300	300	300	1,800	300	400								2,500	
900	50	2	Des/Constr	Plant Fiber Optic Network	700	0	100	600					200	300	300	300	1,800	300	400								2,500	
800		2		Plant Mechanical and Electrical Projects			500	500	500	500		500	500	500	500	500	4,500	500	500	500	500	500	500	500	500	500	9,500	
800		2	Constr	PLC Replacement	250	0	250		300				350				900	400				450			500		2,250	
800		1		Primary Clarifier (1 - 4) Seismic Upgrade					753	4,315	1,849						6,917										6,917	
800	75	2		Primary Clarifier Rehab (5-6)					1,271	6,004	6,172	3,858					17,305										17,305	
900	25	2		Primary Clarifier Rehab (5-6)					424	2,001	2,057	1,286					5,768										5,768	
800		3		Reclaimed Water													0										0	
900		3		Reclaimed Water													0										0	
800		3	Design	Secondary Digester No. 1 Insp & Rehab	1,170	0	115	500	555								1,170			508	4,723						6,401	
800		3		Secondary Digester No. 2 Insp & Rehab						367	3,413						3,780				542		5,039				9,361	
800		2		Seismic Retrofit of Conc. Structures			300			300		300		300		300	1,500		300		300		300		300	300	3,000	
800		2	Des/Constr	Sodium Hypochlorite Loop Improvements	1,170	170	500	500									1,000										1,000	
800		1	Constr	Standby Power Generation System Upgrade	27,754	3,381	8,490	14,883	1,000								24,373										24,373	
900		3		Standby Power Generator No. 4													0				2,269	14,468	7,234				23,971	
800		2	Des/Constr	Switchboard 3 and MCC 25 Replacement	2,690	50	1,400	1,240									2,640										2,640	
800		2		Thickeners 1 and 2 Rehabilitation			214	1,726	740								2,680										2,680	
800		3		Thickeners 3 and 4 Rehabilitation													0		638	3,070							3,708	
800		1	Design	WAS Thickeners	22,442	1,312	250	250	8,250	8,250	4,130						21,130										21,130	
900		3		Waste Recycling and Alternative Energy										1,500	9,000		10,500										10,500	
Total for TREATMENT PLANT					500,071	69,444	49,759	89,901	127,051	123,108	84,664	85,436	25,909	11,823	26,122	15,994	639,767	18,097	15,911	14,963	22,199	28,570	26,740	42,515	80,361	104,334	101,160	1,094,617
Total Priority 1 Treatment Plant					469,280	54,507	45,550	80,797	103,775	100,783	50,218	37,418	5,200	1,150	0	0	424,891	1,250	0	576	3,318	2,212	1,450	0	0	1,500	0	435,197
Total Priority 2 Treatment Plant					22,571	14,937	3,615	6,326	18,150	21,528	28,635	46,419	20,235	6,442	15,302	14,467	181,119	9,728	8,653	8,478	4,741	4,507	2,729	9,822	4,858	5,403	25,316	265,354
Total Priority 3 Treatment Plant					8,220	0	594	2,778	5,126	797	5,811	1,599	474	4,231	10,820	1,527	33,757	7,119	7,258	5,909	14,140	21,851	22,561	32,693	75,503	97,431	75,844	394,066
Total Fund 800 - Treatment Plant					287,679	23,680	33,744	60,785	88,001	84,816	62,008	47,587	16,897	9,448	16,551	14,464	434,301	17,172	15,511	14,963	19,930	13,852	14,007	28,302	44,032	55,145	64,831	722,046

Union Sanitary District 20-Year CIP
FY 2023 - FY2042
(All Figures x \$1,000)

Fund	%	Rank	Status	Project Name	Total Project Budget	Spent in Prior Years	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	FY 31	FY 32	10-Year Total	FY 33	FY 34	FY 35	FY 36	FY 37	FY 38	FY 39	FY 40	FY 41	FY 42	20-Year Total	
Total Fund 900 - Treatment Plant					212,392	45,764	16,015	29,116	39,050	38,292	22,656	37,849	9,012	2,375	9,571	1,530	205,466	925	400	0	2,269	14,718	12,733	14,213	36,329	49,189	36,329	372,571	
	Project Type				Total Project Budget	Spent in Prior Years	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	FY 31	FY 32	10-Year Total	FY 33	FY 34	FY 35	FY 36	FY 37	FY 38	FY 39	FY 40	FY 41	FY 42	20-Year Total	
	Administrative Facilities				100,771	5,528	17,622	53,811	23,137	1,773	0	1,070	400	542	670	2,397	101,422	0	959	0	615	0	643	0	673	278	704	105,294	
	Collection System				9,086	1,909	5,877	3,008	770	4,023	3,357	4,145	3,448	4,275	3,242	2,215	34,360	738	2,363	788	2,522	841	2,691	897	2,871	957	3,064	52,092	
	Transport System				13,137	999	3,220	6,518	6,349	4,973	14,277	5,528	2,990	14,885	12,576	250	71,566	250	346	6,048	3,316	15,021	23,101	14,061	13,290	21,673	23,707	192,379	
	Treatment Plant				500,071	69,444	49,759	89,901	127,051	123,108	84,664	85,436	25,909	11,823	26,122	15,994	639,767	18,097	15,911	14,963	22,199	28,570	26,740	42,515	80,361	104,334	101,160	1,094,617	
	GRAND TOTAL				623,065	77,880	76,478	153,238	157,307	133,877	102,298	96,179	32,747	31,525	42,610	20,856	847,115	19,085	19,579	21,799	28,652	44,432	53,175	57,473	97,195	127,242	128,635	1,444,382	
	R&R (Fund 800) Total				404,518	31,599	59,118	121,254	116,832	92,938	71,984	55,691	22,365	24,107	26,541	18,410	609,240	18,160	18,994	21,799	23,317	20,307	18,491	42,492	60,866	73,340	86,715	993,721	
	Capacity (Fund 900) Total				218,547	46,281	17,360	31,984	40,475	40,939	30,314	40,488	10,382	7,418	16,069	2,446	237,875	925	585	0	5,335	24,125	34,684	14,981	36,329	53,902	41,920	450,661	
	Priority 1																												
	Administrative Facilities				99,611	4,790	17,300	53,011	23,037	1,473	0	0	0	0	0	0	94,821	0	0	0	0	0	0	0	0	0	0	0	94,821
	Collection System				7,425	825	5,300	1,300	200	2,200	2,750	2,200	2,800	2,200	2,550	0	21,500	0	0	0	0	0	0	0	0	0	0	0	21,500
	Transport System				3,287	249	1,620	1,518	0	0	0	0	0	0	0	0	3,138	0	0	0	0	0	0	0	0	0	0	0	3,138
	Treatment Plant				469,280	54,507	45,550	80,797	103,775	100,783	50,218	37,418	5,200	1,150	0	0	424,891	1,250	0	576	3,318	2,212	1,450	0	0	1,500	0	435,197	
	Total Priority 1 Projects				579,603	60,371	69,770	136,626	127,012	104,456	52,968	39,618	8,000	3,350	2,550	0	544,350	1,250	0	576	3,318	2,212	1,450	0	0	1,500	0	554,656	
	Priority 2																												
	Administrative Facilities				1,160	738	322	500	100	300	0	320	150	342	670	2,197	4,901	0	389	0	415	0	443	0	473	278	504	7,403	
	Collection System				1,661	1,084	577	1,708	570	1,823	607	1,945	648	2,075	692	2,215	12,860	738	2,363	788	2,522	841	2,691	897	2,871	957	3,064	30,592	
	Transport System				9,850	750	1,600	5,000	2,500	3,794	13,816	5,278	2,740	10,086	12,326	0	57,140	0	0	0	3,066	9,407	21,951	1,536	0	9,148	11,182	113,430	
	Treatment Plant				22,571	14,937	3,615	6,326	18,150	21,528	28,635	46,419	20,235	6,442	15,302	14,467	181,119	9,728	8,653	8,478	4,741	4,507	2,729	9,822	4,858	5,403	25,316	265,354	
	Total Priority 2 Projects				35,242	17,509	6,114	13,534	21,320	27,445	43,058	53,962	23,773	18,945	28,990	18,879	256,020	10,466	11,405	9,266	10,744	14,755	27,814	12,255	8,202	15,786	40,066	416,779	
	Priority 3																												
	Administrative Facilities				0	0	0	300	0	0	0	750	250	200	0	200	1,700	0	570	0	200	0	200	0	200	0	200	200	3,070
	Collection System				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Transport System				0	0	0	0	3,849	1,179	461	250	250	4,799	250	250	11,288	250	346	6,048	250	5,614	1,150	12,525	13,290	12,525	12,525	75,811	
	Treatment Plant				8,220	0	594	2,778	5,126	797	5,811	1,599	474	4,231	10,820	1,527	33,757	7,119	7,258	5,909	14,140	21,851	22,561	32,693	75,503	97,431	75,844	394,066	
Total Priority 3 Projects				8,220	0	594	3,078	8,975	1,976	6,272	2,599	974	9,230	11,070	1,977	46,745	7,369	8,174	11,957	14,590	27,465	23,911	45,218	88,993	109,956	88,569	472,947		

**Directors**

Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

Officers

Paul R. Eldredge
*General Manager/
District Engineer*

Karen W. Murphy
Attorney

**JUNE 27, 2022
BOARD OF DIRECTORS MEETING
AGENDA ITEM # 10**

TITLE: Consider a Resolution to Accept the Construction of the FY21 Gravity Sewer Rehabilitation/Replacement Project – Phase VII from Casey Construction, Inc. *(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 consider a resolution to accept the construction of the FY21 Gravity Sewer Rehabilitation/Replacement (Project) from Casey Construction, Inc. (Casey) and authorize recordation of a Notice of Completion.

Discussion

On April 26, 2021, the Board awarded the construction contract for the Project to Casey in the amount of \$595,051. Staff issued the Notice to Proceed to Casey on June 8, 2021. The 140-day project was scheduled to be completed on October 25, 2021. Casey completed the Project on October 22, 2021.

Contract Change Orders

The Project included 3 contract change orders (CCOs) in the amount of \$34,045.93, which is approximately 5.7% of the original contract of \$595,051. A list of the CCOs is included in the attached Table 1. A summary of the notable CCOs is provided below:

1. CCO No. 1 was in the amount of \$13,060 to install 2,200 square feet of cape seal, a type of pavement rehabilitation, on Omar Street in Fremont. Due to the three repair trenches

located within one block, the city required the contractor to repave the entire block. This requirement was not shared with USD during the city's review of the design documents. Since the three repairs on this street were located relatively close together, the city allowed installation of the cape seal that spanned the three repair trenches instead of repaving the entire block.

2. CCO No. 2 was in the amount of \$14,237.93. This CCO included extra work for unforeseen utilities and field conditions. These included an unmarked gas line that was discovered while excavating on Gurdwara Road and was determined to be abandoned, and installation of a new cleanout to facilitate the installation of the cured-in-place pipe in the Gurdwara Road easement.

Background

The District's routine television inspection and Basin Master Plan Updates of the collection system identifies pipelines with maintenance challenges and structural defects such as cracks, sags, breaks, and offset joints. Several sewers have been identified as having structural defects in need of open-cut repair. Due to their locations, difficult soil conditions, or depth of these sewers, staff determined the repair work to be done by a contractor. Since 2010, the District has completed six phases of miscellaneous spot repair projects which are summarized in the table below:

Project	Number of Repairs	Cost
Phase I	6	\$391,596
Phase II	5	\$179,412
Phase III	15	\$275,806
Phase IV	14	\$622,529
Phase V (Jarvis Avenue Sanitary Sewer Replacement Project)	5	\$1,045,634
Phase VI	5	\$324,000
TOTAL	50	\$2,838,977

The FY21 Project was the seventh phase of the miscellaneous spot repair projects, and the scope included:

1. Replacement of sewer mains that addressed sags at three locations in the city of Fremont on Greenwood Drive, Hansen Street, and Gurdwara Road.
2. Relocation of a sewer main that crosses a fault zone on Appian Way in the city of Union City. The fault zone relocation included installation of a high-density polyethylene pipe (HDPE), that allows the pipe to have some degree of flexibility as the fault shifts.

3. Installation of cured-in-place-pipe (CIPP) in a sewer main located within a backyard easement at Gurdwara Road in the city of Fremont.
4. Rehabilitation of the retaining wall supporting a sewer main and a portion of the access road within the Pine Street easement in the city of Fremont. The rehabilitation included replacing some of the wood lagging boards that are in poor condition, improvements to the access road drainage, and re-grading the access road along the retaining wall.
5. Repair of three offset laterals at the sewer main on Omar Street in the city of Fremont.

Please refer to Figure 1 for the locations of the work and Figures 2 and 3 for photos of the retaining wall within the Pine Street Easement.

Previous Board Action

October 28, 2019, the Board authorized the General Manager to execute an agreement and Task Order No. 1 with West Yost Associates in the amount of \$176,582 to provide design services for the Gravity Sewer Rehabilitation/Replacement Project - Phase VII.

April 26, 2021, the Board awarded the construction contract for the FY21 Gravity Sewer Rehabilitation/Replacement Project – Phase VII to Casey Construction, Inc. in the amount of \$595,051.

June 14, 2021, the Board authorized the General Manager to execute an agreement and Task Order No. 1 with Carollo Engineers, Inc. in the amount of \$306,453 to provide construction management services for the Emergency Outfall Improvements Project, Cathodic Protection System Improvements Project, and FY21 Gravity Sewer Rehabilitation/Replacement Project - Phase VII

March 28, 2022, the Board authorized the General Manager to execute Amendment No. 1 to Task Order No. 1 with Carollo Engineers, Inc. in the amount of \$49,499 to provide construction management services for the Emergency Outfall Improvements Project, Cathodic Protection System Improvements Project, and FY21 Gravity Sewer Rehabilitation/Replacement Project - Phase VII.

PRE/RC/AB/ACB

Attachments: Figure 1 – Site Plan of Site Locations

Figures 2 and 3 – Photos of Rehabilitated Pine Street Easement Retaining Wall

Table 1 – Contract Change Order Summary

Resolution

Notice of Completion

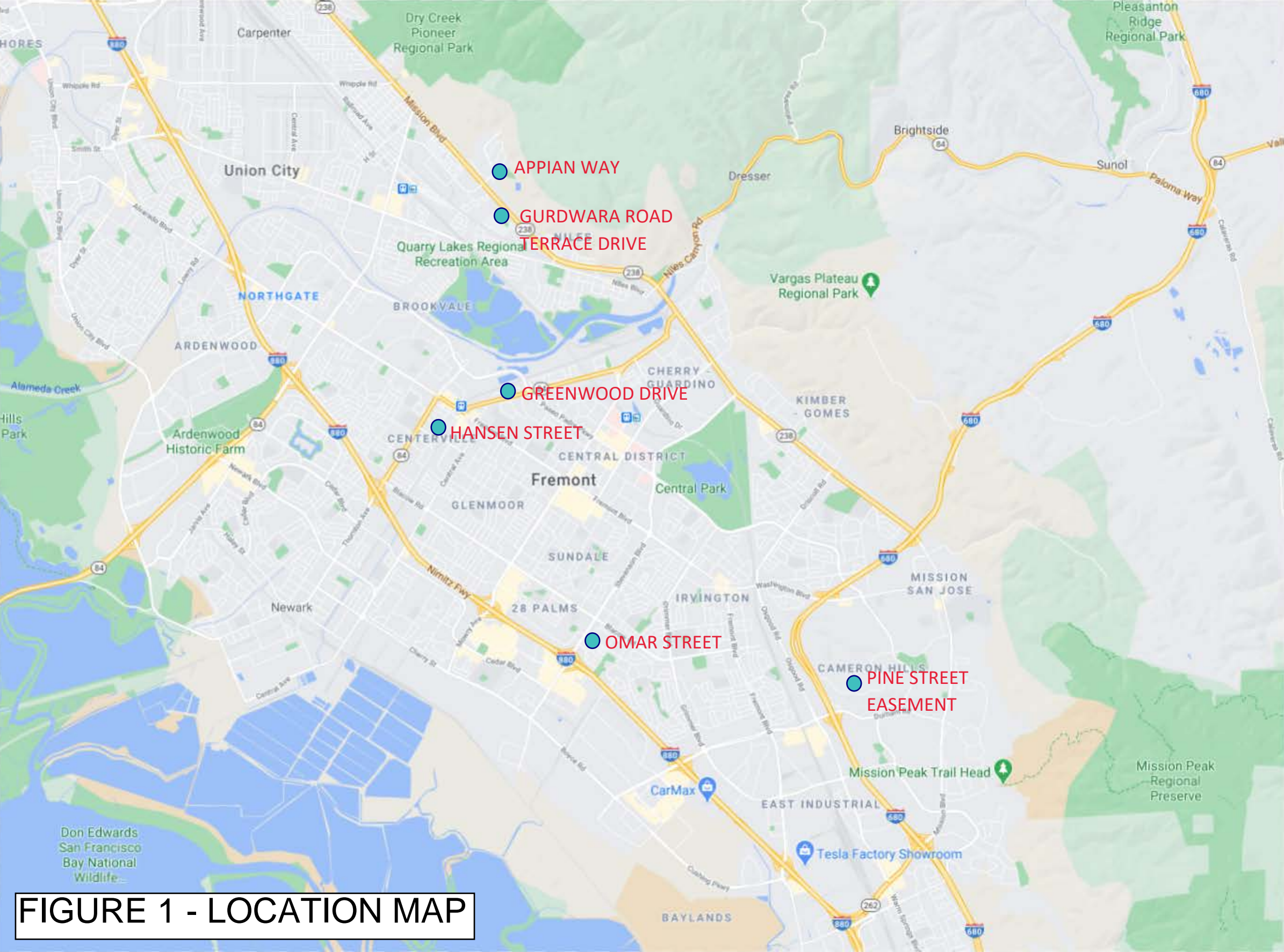


FIGURE 1 - LOCATION MAP

Figure 2 – Pine Street Easement Retaining Wall



Figure 3 – Pine Street Easement Access Road



Table 1

**FY21 Gravity Sewer Rehabilitation/Replacement Project – Phase VII
Contract Change Order Summary**

No.	Change Order Description	Contract Time Adjustment, Calendar Days	Amount
1	Cape Seal on Omar Street	0	\$13,060.00
2	Unforeseen Utilities/Site Conditions	0	\$14,237.93
3	Additional Bid Quantities	0	\$6,748.00
	Total	0	\$34,045.93

RESOLUTION NO. ____

**ACCEPT CONSTRUCTION OF THE
FY21 GRAVITY SEWER REHABILITATION/REPLACEMENT PROJECT – PHASE VII
LOCATED IN THE CITY OF FREMONT, CALIFORNIA AND
THE CITY OF UNION CITY, CALIFORNIA
FROM CASEY CONSTRUCTION, INC.**

RESOLVED, by the Board of Directors of the UNION SANITARY DISTRICT that it hereby accepts the FY21 Gravity Sewer Rehabilitation/Replacement Project – Phase VII from Casey Construction, Inc., effective June 27, 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 June 27, 2022:

AYES:

NOES:

ABSENT:

ABSTAIN:

ANJALI LATHI
President, Board of Directors
Union Sanitary District

Attest:

JENNIFER TOY
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 May 4, 2021, by said District and **CASEY CONSTRUCTION, INC.**, 619 Sylvan Way, Emerald Hills, CA 94062, Contractor for the Project, “FY21 Gravity Sewer Rehabilitation/Replacement Project - Phase VII,” was substantially completed on October 22, 2021, and accepted by said District on June 27, 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 at various locations in the City of Fremont and 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

JUNE 27, 2022
BOARD OF DIRECTORS MEETING
AGENDA ITEM #11

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 at every Board meeting starting on October 25, 2021, 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 have continued to be held via teleconference although Board members can attend in-person. At the Board meeting of June 13, 2022, the Board directed staff to continue with meetings via teleconference in the same manner as they have been held during the past few months and to bring back a proposal for upgrading the Boardroom for hybrid meetings to the July 25 Board meeting.

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

6/13/22 Board Meeting – The Board adopted Resolution No. 2970, authorizing the use of teleconference meetings in compliance with AB 361, and directed staff to continue with meetings in the same manner as the past few months and to bring a proposal for upgrading the Boardroom for hybrid meetings to the July 25 Board meeting.

5/23/22 Board Meeting – The Board adopted Resolution No. 2968, authorizing the use of teleconference meetings in compliance with AB 361.

5/9/22 Board Meeting – The Board adopted Resolution No. 2965, authorizing the use of teleconference meetings in compliance with AB 361.

4/25/22 Board Meeting – The Board adopted Resolution No. 2964, authorizing the use of teleconference meetings in compliance with AB 361.

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 increasing cases in Alameda County; 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, on April 25, 2022, the Board adopted Resolution No. 2964, authorizing the use of teleconference meetings in compliance with AB 361; and

WHEREAS, on May 9, 2022, the Board adopted Resolution No. 2965, authorizing the use of teleconference meetings in compliance with AB 361; and

WHEREAS, on May 23, 2022, the Board adopted Resolution No. 2968, authorizing the use of teleconference meetings in compliance with AB 361; and

WHEREAS, on June 13, 2022, the Board adopted Resolution No. 2970, 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 27th day of June, 2022.

AYES:

NOES:

ABSENT:

Jennifer Toy, Secretary

Anjali Lathi, President



Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

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

Karen W. Murphy
Attorney

**JUNE 27, 2022
BOARD OF DIRECTORS MEETING
AGENDA ITEM #12**

TITLE: Legislative Update on Issues of Interest to the Board
(This is an Information Item)

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

Recommendation

Information only.

Background

The Board was last updated on legislative issues of interest at its October 25, 2021, meeting. Direction was received from the Board at the July 12, 2021, Board meeting to consolidate the regional and state/federal reports into one report to be presented twice annually.

The following includes summaries of the June 7, 2022 Primary election and redrawn boundaries of federal, state, and local districts. Attached is a list of state legislation tracked in 2022 by the California Association of Sanitation Agencies (CASA). This Agenda item and the attached list contain the most updated information available as of the publishing date of this staff report.

June 7, 2022, Direct Primary Election (unofficial results)

This “top two” primary election will determine two candidates for each office to be placed on the November 8, 2022, General Election ballot. Results will be certified by July 7, 2022. Below are unofficial “top two” results for a selection of offices representing USD’s service area as of June 21, 2022:

U.S. Senator, Full term

Alex Padilla (D)	72.54%
Mark Meuser (R)	7.2%

U.S. Senator, Partial/Unexpired Term

Alex Padilla (D)	73.56%
Mark Meuser (R)	11.37%

U.S. House of Representatives District 14

Eric Swalwell (D)	63.64%
Alison Hayden (R)	10.3%

U.S. House of Representatives District 17

Ro Khanna (D)	64.43%
Ritesh Tandon (R)	27.11%

Governor

Gavin Newsom (D)	74.75%
Brian Dahle (R)	7.74%

State Senate District 10

Lily Mei (D)	33.91%
Aisha Wahab (D)	32.96%

State Assembly District 20

Liz Ortega (D)	32.17%
Shawn Kumagai (D)	23.94%

State Assembly District 24

Alex Lee (D)	40.41%
Bob Brunton (R)	20.78%

Alameda County Supervisor District 2

Richard Valle	100%
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Redistricting:

Redistricting is the once-in-a-decade process of redrawing district lines based on Census data. Changes in population can affect district boundary lines. Entities that used district-based election systems must review the boundaries of these voting districts and re-adopt boundaries based on current census data. The purpose of this redistricting process is to ensure that voting districts remain substantially equal in population and still protect the rights of members of communities of interests to vote for the candidates of their choice.

California Redistricting:

California's Congressional and State Legislative District maps have been redrawn based on results of the 2020 census. A [statewide map](#) allows for comparison between new and former Congressional, State Senate, and Assembly District boundaries.

- Congressional District 15, represented by Eric Swalwell, is now District 14 and includes a greater portion of central Fremont and the Mission San Jose area north of Ohlone College, as well as portions of Dublin and San Ramon.
- Congressional District 17, represented by Ro Khanna, now includes increased portions of the City of San Jose as well as the Norman Mineta International Airport.
- State Senate District 10, currently represented by Bob Wieckowski, now includes all of Hayward, Fremont, Union City, Newark, Sunnyvale, and Santa Clara, as well as a small portion of northeast San Jose.
- Assembly District 20, currently represented by Bill Quirk, is entirely within Alameda County, covering all of San Leandro, Hayward and Union City, parts of Dublin and Pleasanton, and all of the unincorporated areas of San Lorenzo, Ashland, Cherryland and Castro Valley.
- Assembly District 24 includes Fremont, Newark, Milpitas, Sunol, and the Berryessa Community of San Jose. Alex Lee, who won Assembly District 25 seat in 2020, is running to represent the newly redrawn District 24.

Alameda County Redistricting:

- On December 7, 2021, the Board of Supervisors approved a final draft map Supervisors David Haubert (District 1) and Richard Valle (District 2) represent the cities in USD's service area.
- District 1 boundaries now include Niles, Sunol, and parts of Pleasanton.
- District 2 now represents Fremont's Warm Springs district and portions of south Fremont west of Highway 680.

City of Fremont Redistricting:

- The City adopted a final map with new boundaries drawn for Districts 1 through 6 on April 5, 2022. District 2 is vacant due to no current council member residing in the redrawn District – candidates for this District will be on the November 2022 ballot., as will Districts 3 and 4. The Mayor continues to be elected at-large by city voters.

City of Union City Redistricting:

- The City adopted "Map 201" with new boundaries drawn for Districts 1 through 4 on March 8, 2022. The Mayor continues to be elected at-large by city voters. Districts 2, 3, and 4 are up for election on November 8, 2022.

Housing Element Updates – all Cities:

- State law requires all local governments in California to adequately plan to meet the housing needs of everyone in the community by adopting a Housing Element as part of their General Plan. State law also requires that local governments update their Housing Elements every eight years to periodically address the changing housing needs of their communities, establish action plans to meet those goals, and report on progress toward meeting those goals.

In December 2021, the Association of Bay Area Governments (ABAG) adopted the [Final Regional Housing Needs Allocation \(RHNA\) Plan for the Bay Area](#). The plan distributes a share of the region's projected housing needs for 2023-2031 to local jurisdictions. Fremont's allocation has been finalized at 12,897 units, Newark's at 1,874 units, and Union City's at 2,728 units.

All local jurisdictions in the Bay Area, including the Tri-Cities, are currently preparing to update their Housing Elements. Bay Area jurisdictions must adopt an updated Housing Element by January 2023 to plan for the housing needs for the next eight-year Housing Element Planning Period (2023-2031).

Tri-City Development Data through June 1, 2022:

	Planning			Entitled			Under Construction		
	Fremont	Union City	Newark	Fremont	Union City	Newark	Fremont	Union City	Newark
Single Family Dwelling Units (SFD)	22	2	530	6	39	0	152	4	853
Multi-Family Dwelling Units (MFD)	1,167	558	151	574	974	319	2,438	0	650
Accessory Dwelling Units (ADU)	2	0	0	11	1	5	34	19	5
Comm/Ind (SQ FT)	1,613,286	121,031	168,440	95,175	53,314	20,855	364,369	0	1,929

Alameda County Water District:

- At its February 10, 2022, Board meeting, after a Public Hearing, ACWD adopted a resolution amending the rate and fee schedule that implements recommended amendments to the District's water-related rates and charges, including:
 - service charges
 - private fire service rates
 - outside District commodity charges
 - the customer assistance program
 - facilities connection charges
 - miscellaneous fees and charges

The Board also adopted a resolution amending the rate and fee schedule to add recommended water shortage emergency stage rates and implement the Stage 2a rate based on achieving 15 percent systemwide conservation. These became effective March 1, 2022. The current stage rate, which is in addition to, and on top of, the standard base per unit water consumption rate for customers both inside and outside the District, is \$0.787 per unit of water. Below is a table of stage rates currently on ACWD's website:

Water Shortage Stage	Systemwide Demand Reduction	Stage Rate Amount
0	0%	\$0.000/Unit
1	10%	\$0.496/Unit
2a	15%	\$0.787/Unit
2b	20%	\$1.115/Unit
3a	25%	\$1.486/Unit
3b	30%	\$1.920/Unit
4	40%	\$3.000/Unit
5	50%	\$4.443/Unit
6	Up to 60%	\$5.852/Unit

- As of November 2022, members of ACWD's Board of Directors will be elected based on voting district zones. Voters within the ACWD service area will elect their representatives on the ACWD Board based on which zone they are in, and voters only elect one representative for their zone. Voters in zones 2 and 3 will elect their

representatives every four years beginning in November 2022. Voters in zones 1, 4, and 5 will elect their representatives every four years beginning in November 2024.

California State Budget:

The State legislature passed The Budget Act of 2022 on June 13, 2022. Further negotiations between Legislative leaders and the Governor are expected before a final version is approved and signed into law.

The Legislature and Governor Newsom are expected to reach terms on the budget in chief by the June 30, 2022, constitutional deadline prior to the beginning of the July 1 Fiscal Year and ensuing month-long Legislative Summer Recess. Once the State Budget is formally approved it is anticipated the Legislature and Governor will continue to consider “Budget Trailer Bills” into the month of August. The budget must be finalized by August 31, 2022, the end of the legislative session.

The 2022-23 State Budget includes total spending of just over \$300 billion with \$235.5 billion being from the General Fund. In addition, the Legislative Budget Agreement includes roughly \$37.8 billion in total reserves including \$3.2 billion in the regular operating reserve. These record high reserves include \$3.2 billion in Regular Reserve, \$1.5 billion in the Safety Net Reserve, \$9.5 billion in the Proposition 98 Reserve, and \$23.3 billion to be included in the Rainy-Day Fund (Budget Stabilization Account). Of note, the General Fund spending in the previous year’s Legislative budget plan is roughly \$8 billion less than the Governor proposes, with only nine percent of new commitments in 2022-23 being ongoing.

- **Infrastructure Investments**

The Legislative Budget Agreement provides more than \$40 billion for infrastructure investments throughout the budget, including but not limited to transportation, housing, schools (sic) facilities, higher education facilities, deferred maintenance, climate and energy, dam safety, and broadband.

- **Climate, Energy and, Water**

The Legislature recommends adopting a Legislative Climate-Energy Budget Plan by appropriating \$21 billion General Fund for the climate and energy package. This plan is expected to include items related to the following issues: water-drought resilience, sea-level rise, extreme heat, biodiversity and outdoor access, energy, zero-emission vehicles, wildfire resilience, and other climate-related actions.

The Legislative budget provides \$3 million in grants over three years from the Water Quality, Supply, and Infrastructure Improvement Act of 2014 while including \$100 million for dam safety projects. In approval of the Governor’s May Revision proposals, the Legislature approves \$200 million for residential wastewater and water arrearages.

- **Housing**

The Governor’s affordable housing proposals includes \$500 million over two years for the Infill Infrastructure Grant Program, \$50 million in accessory dwelling unit (ADU) financing,

and provides \$150 million for the preservation of existing affordable housing over the next two years.

- **SRF Technical Language Clarification**

CASA notes that technical clarification in trailer bill language within the approved budget will allow federal SRF funding to be used for principal forgiveness in addition to low-interest loans.

California State Legislature 2021-2022 Legislative Session:

CONSUMER BILLS

AB 2247 (Bloom) Perfluoroalkyl and polyfluoroalkyl substances (PFAS) and PFAS products and product components: publicly accessible reporting platform.

Position: CASA – Sponsor and Support; CSDA Support 3

Status: In Senate, Environmental Quality Committee – Hearing set for June 22, 2022

Summary:

Would require, as part of the hazardous waste control laws, the Department of Toxic Substances Control to work with the Interstate Chemicals Clearinghouse to establish, on or before January 1, 2025, a publicly accessible reporting platform to collect information about perfluoroalkyl and polyfluoroalkyl substances (PFAS) and products or product components containing intentionally added PFAS, as defined, being sold, offered for sale, distributed, or offered for promotional purposes in, or imported into, the state. The bill would require, on or before July 1, 2025, and annually thereafter, a manufacturer, as defined, of PFAS or a product or a product component containing intentionally added PFAS that is sold, offered for sale, distributed, or offered for promotional purposes in, or imported into, the state to register the PFAS or the product or product component containing intentionally added PFAS, and specified other information, on the publicly accessible reporting platform. This bill is co-sponsored by CASA in conjunction with Clean Water Action and the Environmental Working Group.

AB 1817 (Ting) Product safety: textile articles: perfluoroalkyl and polyfluoroalkyl substances (PFAS).

Position: CASA – Support; CSDA Support 3; League of CA Cities – Watch

Status: In Senate - Committee on Environmental Quality hearing cancelled at request of author

Summary:

Would prohibit, beginning January 1, 2025, any person from manufacturing, distributing, selling, or offering for sale in the state any textile articles that contain regulated perfluoroalkyl and polyfluoroalkyl substances or PFAS, and requires a manufacturer to use the least toxic alternative when removing regulated PFAS in textile articles to comply with these provisions. The bill would require a manufacturer of a textile article that contains regulated PFAS to provide persons that offer the product for sale or distribution in the state with a certificate of

compliance stating that the textile article is in compliance with these provisions and does not contain any regulated PFAS.

AB 2771 (Friedman) Cosmetic products: safety.

Position: CASA – Support; CSDA – Support 3; League of CA Cities - Watch

Status: Re-referred to Senate Environmental Quality Committee after author amendments

Summary:

Current law, beginning January 1, 2025, prohibits the manufacture, sale, delivery, hold, or offer for sale in commerce of any cosmetic product that contains any of several specified intentionally added ingredients, including specified perfluoroalkyl and polyfluoroalkyl substances (PFAS). This bill would prohibit a person or entity from manufacturing, selling, delivering, holding, or offering for sale in commerce any cosmetic product that contains intentionally added perfluoroalkyl and polyfluoroalkyl substances PFAS.

PUBLIC WORKS AND FACILITIES

AB 2357 (Ting) Surplus Land.

Position: CASA – Oppose, unless amended; CSDA – Concerns; League of CA Cities – Concerns; CA Municipal Utilities Association – Watch and amend

Status: Bill pulled from consideration Senate Governance and Finance Committee – author commented bill not moving this year

Summary:

This bill would have made several changes to the Surplus Lands Act (SLA) and was a follow-up to Assembly Bill 1486 (Ting, Chaptered 2019). Specifically, Assembly Bill 2357 authorizes local agencies to administratively declare specific types of "exempt surplus land" with 30 days public notice and requires local agencies to notify the Department of Housing and Community Development (HCD) 30 days prior to disposing of exempt surplus land. In addition, Assembly Bill 2357 amends the penalty provisions associated with violations of disposed surplus land making local agencies liable for a penalty that is a specified percentage of an independently appraised fair market value on the surplus land being disposed of.

SB 991 (Newman) Public contracts: progressive design-build: local agencies.

Position: CASA – Support; CSDA – Support 3

Status: In Assembly Committee on Local Government

Summary:

Would authorize local agencies, defined as any city, county, city and county, or special district authorized by law to provide for the production, storage, supply, treatment, or distribution of any water from any source, to use the progressive design-build process for public works projects in excess of \$5,000,000, similar to the progressive design-build process authorized for use by the Director of General Services. The bill would require a local agency that uses the progressive design-build process to submit, no later than January 1, 2028, to the appropriate

policy and fiscal committees of the Legislature a report on the use of the progressive design-build process containing specified information, including a description of the projects awarded using the progressive design-build process. The bill would require the design-build entity and its general partners or joint venture members to verify specified information under penalty of perjury.

The design-build provisions of this bill can only be used for a project that treats, pumps, stores, or conveys water, wastewater, recycled water, or advanced treated water, by a local agency, defined as a city, county, city and county, or special district authorized by law to provide for the production, storage, supply, treatment, or distribution of any water from any source. This bill contains procedures applicable for its implementation, including subcontracting. This bill provides that a licensed construction contractor or subcontractor that provides design services used on a project authorized by the law created by the bill shall not be subject to any liability arising from their design if the construction contract or subcontract for that design is not performed by that contractor or subcontractor. This bill requires the local agency to make reports to the Legislature, as specified.

ENERGY

AB 2700 (McCarty) Transportation electrification: electrical distribution grid upgrades.

Position: CSDA - Watch

Status: In Senate Environment, Utilities, and Communications Committee

Summary:

Would require the State Air Resources Board to annually gather fleet data for on-road and off-road vehicles in the medium- and heavy-duty sectors from entities subject to its regulations and share that data with electrical corporations and local publicly owned electric utilities to help inform electrical grid planning efforts, as specified. The bill would require electrical corporations and local publicly owned electric utilities, as part of their distribution planning processes, to incorporate fleet data produced by the State Air Resources Board pursuant to this bill, and other available data, to facilitate the readiness of their distribution systems to support the state's anticipated level of electric vehicle charging, as specified.

ENVIRONMENT

SB 1157 (Hertzberg) Urban water use objectives: indoor residential water use.

Position: CASA – Neutral as amended; CSDA – Oppose unless amended 3

Status: Passed Assembly Water, Parks, and Wildlife committee, referred to Committee on Appropriations

Summary:

Current law requires the Department of Water Resources, in coordination with the State Water Resources Control Board, and including collaboration with and input from stakeholders, to conduct necessary studies and investigations and authorizes the department and the board to jointly recommend to the Legislature a standard for indoor residential water use. Current law, until January 1, 2025, establishes 55 gallons per capita daily as the standard for indoor residential water

use. Existing law establishes, beginning January 1, 2025, the greater of 52.5 gallons per capita daily or a standard recommended by the department and the board as the standard for indoor residential water use, and beginning January 1, 2030, establishes the greater of 50 gallons per capita daily or a standard recommended by the department and the board as the standard for indoor residential water use. This bill would eliminate the option of using the greater of 52.5 gallons per capita daily and the greater of 50 gallons per capita daily, as applicable, or a standard recommended by the department and the board as the standard for indoor residential water use.

SB 867 (Laird) Sea level rise: planning and adaptation.

Position: CASA – Watch; CSDA – Watch

Status: Re-referred to Assembly Committee on Appropriations

Summary:

Current law creates within the Ocean Protection Council the California Sea Level Rise State and Regional Support Collaborative to provide state and regional information to the public and support to local, regional, and other state agencies for the identification, assessment, planning, and, where feasible, the mitigation of the adverse environmental, social, and economic effects of sea level rise within the coastal zone, as provided. This bill would require a local government, as defined, lying, in whole or in part, within the coastal zone, as defined, or within the jurisdiction of the San Francisco Bay Conservation and Development Commission, as defined, to implement sea level rise planning and adaptation through either submitting a local coastal program, as defined, to the California Coastal Commission or submitting a subregional San Francisco Bay shoreline resiliency plan to the San Francisco Bay Conservation and Development Commission, as applicable, by January 1, 2026. The bill would require those local governments to provide a comprehensive update to that planning and adaptation every 10 years, and technical adjustments every 5 years, as prescribed.

AB 1001 (Garcia, Christina) Environment: mitigation measures for air quality impacts: environmental justice.

Position: CASA – Disapprove; CSDA – Oppose 3

Status: In Senate Environmental Quality committee: Hearing rescheduled to 6/15/22; cancelled at request of author

Summary:

The California Environmental Quality Act (CEQA) requires a lead agency to prepare a mitigated negative declaration for a project that may have a significant effect on the environment if revisions in the project would avoid or mitigate that effect and there is no substantial evidence that the project, as revised, would have a significant effect on the environment. This bill would require mitigation measures, identified in an environmental impact report or mitigated negative declaration to mitigate the adverse effects of a project on air quality of a disadvantaged community, to include measures for avoiding, minimizing, or otherwise mitigating for the adverse effects on that community. The bill would require mitigation measures to include measures conducted at the project site that avoid or minimize to less than

significant the adverse effects on the air quality of a disadvantaged community or measures conducted in the affected disadvantaged community that directly mitigate those effects. As amended March 22, 2022, this bill no longer applies to water quality.

AB 1985 (Rivas, Robert) Organic waste: list: available products.

Position: CASA – Support, if amended, work with author; CSDA – Watch

Status: Re-referred to Senate Committee on Environmental Quality

Summary:

Current law requires, no later than January 1, 2018, the State Air Resources Board to approve and begin implementing a comprehensive short-lived climate pollutant strategy to achieve a reduction in statewide emissions of methane by 40%, hydrofluorocarbon gases by 40%, and anthropogenic black carbon by 50% below 2013 levels by 2030. Current law requires the methane emissions reduction goals to include a 50% reduction in the level of the statewide disposal of organic waste from the 2014 level by 2020 and a 75% reduction by 2025. Current law requires the Department of Resources Recycling and Recovery, in consultation with the state board, to adopt regulations to achieve these organic waste reduction goals, including a requirement intended to meet the goal that not less than 20% of edible food that is currently disposed of be recovered for human consumption by 2025. This bill would require the department to compile and maintain on its internet website a list, organized by ZIP Code, of information regarding persons or entities that produce and have available in the state organic waste products and update the list at least every 6 months.

HOUSING AND DEVELOPMENT

SB 897 (Wieckowski) Accessory dwelling units: junior accessory dwelling units.

Position: CSDA – Watch; League of CA Cities: Oppose

Status: In Assembly; referred to Coms. on Housing and Community Development and Local Government

Summary:

The Planning and Zoning Law authorizes a local agency, by ordinance or ministerial approval, to provide for the creation of accessory dwelling units in areas zoned for residential use, as specified. Current law authorizes a local agency to impose standards on accessory dwelling units that include, but are not limited to, parking, height, setback, landscape, architectural review, and maximum size of a unit. This bill would require that the standards imposed on accessory dwelling units be objective. For purposes of this requirement, the bill would define “objective standard” as a standard that involves no personal or subjective judgment by a public official and is uniformly verifiable, as specified.

This bill would change the height limitation applicable to an accessory dwelling unit subject to ministerial approval to 25 feet if the accessory dwelling unit is within one-half mile walking distance of a major transit stop or a high-quality transit corridor, as those terms are defined, or if the accessory dwelling unit is attached to a primary dwelling, as specified. The bill, if the existing multifamily dwelling exceeds applicable height requirements or has a rear

or side setback of less than 4 feet, would prohibit a local agency from requiring any modification to the existing multifamily dwelling to satisfy these requirements. The bill would prohibit a local agency from rejecting an application for an accessory dwelling unit because the existing multifamily dwelling exceeds applicable height requirements or has a rear or side setback of less than 4 feet.

AB 2536 (Grayson) Development fees: impact fee nexus studies: connection fees and capacity charges.

Position: CASA – Watch; League of CA Cities: Watch

Status: In Senate; referred to Committee on Governance and Finance

Summary:

The Mitigation Fee Act requires a local agency that establishes, increases, or imposes a fee as a condition of approval of a development project to, among other things, determine a reasonable relationship between the fee's use and the type of development project on which the fee is imposed. Current law requires a local agency that conducts an impact fee nexus study to follow certain standards and practices, as specified. Current law also requires a local agency to hold at least one open and public meeting prior to levying a new fee or service charge, as specified. This bill would require a local agency, prior to levying a new fee or capacity charge or approving an increase in an existing fee or capacity charge, to evaluate the amount of the fee or capacity charge. The bill would require the evaluation to include evidence to support that the fee or capacity charge does not exceed the estimated reasonable cost of providing service, as specified. The bill would require all information constituting the evaluation to be made publicly available at least 14 days prior to a specified meeting.

GOVERNANCE

AB 1944 (Lee) Local government: open and public meetings.

Position: CASA – Watch; CSDA – Watch; League of CA Cities - Support

Status: In Senate. Referred to Committees on Governance and Finance and Judiciary.

Summary:

The Ralph M. Brown Act requires, with specified exceptions, that all meetings of a legislative body of a local agency, as those terms are defined, be open and public and that all persons be permitted to attend and participate. The act contains specified provisions regarding the timelines for posting an agenda and providing for the ability of the public to observe and provide comment. The act allows for meetings to occur via teleconferencing subject to certain requirements, particularly that the legislative body notice each teleconference location of each member that will be participating in the public meeting, that each teleconference location be accessible to the public, that members of the public be allowed to address the legislative body at each teleconference location, that the legislative body post an agenda at each teleconference location, and that at least a quorum of the legislative body participate from locations within the boundaries of the local agency's jurisdiction. The act provides an exemption to the jurisdictional requirement for health authorities, as defined. This bill would

require the agenda to identify any member of the legislative body that will participate in the meeting remotely.

AB 2449 (Rubio, Blanca) Open meetings: local agencies: teleconferences.

Position: CASA – Support; CSDA – Watch; League of CA Cities – Support in Concept

Status: In Senate. Re-referred to Committee on Governance and Finance after amendments

Summary:

This bill makes changes to remote meetings held pursuant to the Brown Act by amending longstanding non-emergency teleconference provisions within the Brown Act to allow less than a quorum of board members from a public agency to participate in a board meeting via video conference without disclosing or allowing public access to their physical location, so long as a quorum of the public board does participate from an open and public location within the jurisdiction of the agency. This bill would provide that an agency would be allowed to teleconference without observing the typical requirements (e.g., allowing public access to remote meeting sites, agendas posted at all remote meeting locations, all remote meeting sites identified in the meeting agendas, etc.) if at least a quorum of the members participates in-person from a singular, publicly-accessible location identified on the agenda and situated within the boundaries of the territory over which the local agency exercises jurisdiction. The agency would have to observe the procedural requirements already customarily observed (e.g., the agency would have to accept public comment until the comment period for that item has formally closed, the agency could not require that public comments be submitted in advance of the meeting, etc.) and agency board members would have to participate "**only** through **both** audio and visual technology," [emphasis added] rather than the current standard which does not impose such a specific requirement.

WATER, WASTEWATER, AND CONSERVATION

AB 2108 (Rivas, Robert) Water policy: environmental justice: disadvantaged and tribal communities.

Position: CASA – Oppose unless amended; League of CA Cities – Watch

Status: Passed Senate Committee on Environmental Quality; re-referred to Committee on Natural Resources and Water

Summary:

Would require that one of the persons appointed by the Governor to the State Water Resources Control Board be qualified in the field of water supply and water quality relating to disadvantaged or tribal communities and not be the same member as the member appointed who is qualified in the field of water supply and water quality relating to irrigated agriculture. The bill would also require that at least one person appointed to each regional board have specialized experience relating to disadvantaged or tribal communities, except as provided. The bill would prohibit, in making those appointments, preference to be given on the basis of ethnicity or national origin.

CASA noted in a letter to the Senate Environmental Quality Committee that AB 2108 would, among other provisions, require for every issuance of an NPDES or WDR permit serving an environmental justice (EJ) population that the regional board make findings about impacts to the environmental justice community and identify mitigation available to remedy the identified impacts, if the permit is granted a variance or time schedule order (TSO). The letter noted that because the Water Boards have already integrated environmental justice into the entire scope of their work, it should remain a discretionary decision to identify impacts and mitigation to EJ communities as the conditions of the permit deem it necessary and as determined by Board staff.

HOUSING, COMMUNITY, AND ECONOMIC DEVELOPMENT

SB 972 (Gonzalez) California Retail Food Code.

Position: CASA – Work with Author; League of CA Cities - Watch

Status: In Assembly Committee on Health

Summary:

The California Retail Food Code (the code) establishes uniform health and sanitation standards for, and provides for regulation by the State Department of Public Health of, retail food facilities and requires local health agencies to enforce these provisions. Current law, for purposes of the code, defines a “cottage food operation” as an enterprise that has no more than a specified amount in gross annual sales, is operated by a cottage food operator, and has no more than 1 full-time employee within the registered or permitted area of a private home where the food products are prepared and packaged. This bill would make various changes to the cottage food operation requirements, including authorizing sales at a compact mobile food facility, exempting those transactions from the amount used to calculate the annual gross sales restrictions, and authorizing the sale of the cottage food product at a mobile food facility owned by the cottage food operator.

Federal Legislative Update and Issues of National Interest:

Community Project Funding Requests

To meet urgent needs of communities across the United States, the House and Senate Appropriations Committees invited Members of Congress to request funding for projects in their communities. All requests submitted to the Appropriations Committees serve as an important step in the appropriations process and will review requests as it develops fiscal year 2023 appropriations bills.

Formerly and informally referred to as earmarks, Community Project Funding (CPF) is defined as any congressionally directed spending, tax benefit or tariff benefit that would benefit an entity or a specific state, locality, or congressional district. Potentially eligible projects range from infrastructure, community programs, university research, hospitals, and other local initiatives.

USD submitted funding applications for its ETSU Phase 1 and ETSU Campus Solar Projects to its Senators and Congressional Representatives and received notice that requests were forwarded

for consideration. Below is a table depicting requests made on behalf of USD and the current location where they are under consideration.

Legislator	Project	Type of Support	Amount of Authorization	Location
Senator Padilla	Environmental Infrastructure (ETSU)	WRDA authorization	\$20 million	Pending Conference Committee with House
Legislator	Project	Type of Request	Amount of Request	Location
Senator Feinstein	ETSU Phase 1 – Switchgear and Aeration Basin 8	CPF	\$2 million	Senate Appropriations Interior Subcommittee
Senator Padilla	ETSU Phase 1 - Switchgear and Aeration Basin 8	CPF	\$7 million	Senate Appropriations Interior Subcommittee
Senator Padilla	ETSU Campus Solar	CPF	\$2.5 million	Senate Appropriations Energy and Water Subcommittee
Congressman Swalwell	ETSU Campus Solar	CPF	\$2.75 million	House Appropriations Energy and Water Development subcommittee

Build America Buy America Mandate

On November 15, 2021, President Biden signed into law the Infrastructure Investment and Jobs Act (IIJA), which includes the Build America, Buy America Act (BABA). The Act requires that no later than May 14, 2022, the head of each covered Federal agency shall ensure the “none of the funds made available for a Federal financial assistance program for infrastructure... may be obligated for a project unless all of the iron, steel, manufactured products, and construction materials used in the project are produced in the United States.”

The head of a Federal agency may waive the application of a Buy America preference in cases where they find that applying the domestic content procurement preference would be inconsistent with the public interest, where certain products or construction materials are not produced in the United States in sufficient and reasonably available quantities of a satisfactory quality, or if inclusion of iron, steel, manufactured products, or construction materials produced in the United States will increase the cost of the overall project by more than 25 percent.

The U.S. Environmental Protection Agency (USEPA) has announced a proposed BABA waiver for the State Revolving Loan Fund (SRF) program. The Agency is accepting public comments on the proposed waiver. According to the document, the waiver's scope would cover eligible projects that submitted engineering plans and specifications to an appropriate state agency prior to May 14, 2022. Additional text notes other potential applications of the waiver.

Some federal agencies are allowing an adjustment period to the mandate of up to 180 days – the USEPA has not done so as of the publication of this report.

The National Association of Clean Water Agencies (NACWA) has submitted a proposed waiver for WIFIA funding of projects that initiated design and planning before the May 14, 2022, effective date.

S. 4231: The Support to Rehydrate the Environment, Agriculture and Municipalities (STREAM) Act

On May 17, 2022, Senators Dianne Feinstein (D-Calif.), Mark Kelly (D-Ariz.) and Kyrsten Sinema (D-Ariz.) yesterday introduced S.4231, the *Support to Rehydrate the Environment, Agriculture and Municipalities Act* or STREAM Act, a bill that would increase water supply and modernize water infrastructure in California and throughout the West.

The bill authorizes \$750 million for storage, \$300 million for water recycling, \$150 million for desalination, \$100 million for drinking water for disadvantaged communities and \$150 million in a new, low-interest loan program for water supply projects. This builds on the \$1.15 billion for storage, \$550 million for water recycling and \$250 million for desalination in the bipartisan infrastructure law. It also provides Financial incentives for storage and conveyance projects that enhance environmental benefits and expand drinking water access for disadvantaged communities as well as funding for separate environmental restoration projects.

A summary of the bill notes that it establishes a Reclamation Infrastructure Finance and Innovation program, with low-interest loans similar to WIFIA – this program would be for water supply projects recommended by the Bureau of Reclamation. The program is expected to cost-effectively make available \$8 to \$12 billion in lending authority under Office of Management and Budget (OMB) scoring protocols, at an appropriations cost of only \$150 million.

PFAS: Regulatory Actions

In October 2021, USEPA released its PFAS Strategic Roadmap, outlining how the Agency will take a wholistic approach to address PFAS pollution in the months and years ahead. The roadmap is a comprehensive outline of actions and timelines EPA will take to address PFAS

under several federal statutes – including the Clean Water Act (CWA), Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), Safe Drinking Water Act (SDWA), Clean Air Act (CAA), and Toxic Substances Control Act (TSCA).

USEPA recently released four new drinking water health advisories for certain PFAS chemicals that establish new lower advisory levels for PFOA, PFOS, GenX, and PFBS chemicals. The purpose of these new health advisories is to provide drinking water operators, states, and local governments treatment guidance while the agency continues work to finalize a National Primary Drinking Water Standard for PFAS.

H.R. 2467: PFAS Action Act of 2021

The House passed H.R. 2467 in late July of 2021. The bill is now in the Senate Environment and Public Works Committee, which has indicated it intends to do its own proposal on PFAS.

A coalition of water industry associations submitted a letter to the Committee requesting that Congress provide an explicit exemption from liability under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) if PFAS chemicals are designated as hazardous substances. The letter noted that water, wastewater, stormwater, and water reuse systems passively receive PFAS from a vast array of domestic, commercial, and industrial sources, and that without a specific exemption for these systems, a CERCLA hazardous substance designation threatens to shift the burden of cleanup costs and liability onto the public.

S. 4244: Legislation to Prohibit the Manufacture, Processing, and Distribution in Commerce of Asbestos

NAWCA submitted a statement letter to the Senate Subcommittee on Chemical Safety, Waste Management, Environmental Justice, and Regulatory Oversight of the Senate Committee on Environment and Public Works, which heard the above bill on June 9, 2022. While not stating an official position, NACWA informed the subcommittee of potential significant unintended consequences of this legislation on publicly owned treatment works (POTWs), noting that chlorine and sodium hypochlorite remain the most effective method for wastewater disinfection for many POTWs, and a significant percentage of the supply in the U.S. is manufactured using asbestos technology.

The letter stated that any changes to the chlorine supply must be carefully considered and gradual, noting that a sudden prohibition of the use of asbestos technologies would almost certainly cause shortages and further price increases for chlorine and sodium hypochlorite and could create significant supply chain disruptions.

NACWA also plans to submit similar comments to the USEPA regarding its proposed rule on asbestos/chlorine.

H.R. 4602: Wastewater Infrastructure Pollution Prevention and Environmental Safety (WIPPES) Act

On July 21, 2021, Representatives Alan Lowenthal (D-CA) and Lisa McClain (R-MI) introduced H.R. 4602, the bipartisan Wastewater Infrastructure Pollution Prevention and Environmental Safety (WIPPES) Act. On April 5, 2022, Senators Susan Collins (R-ME) and Jeff Merkley (D-OR) introduced the bipartisan Wastewater Infrastructure Pollution Prevention and Environmental Safety (WIPPES) Act, a bill to address health, ecosystem, and wastewater infrastructure concerns caused by the flushing of non-flushable wet wipes. This legislation would require manufactures to label non-flushable wet wipes, providing consumers with the information they need to safely dispose of them. Specifically, the WIPPES Act:

- Directs the Federal Trade Commission, in consultation with the Environmental Protection Agency (EPA) to issue regulations on “Do Not Flush” labeling requirements for the covered products defined in the bill, which includes baby wipes, household wipes, disinfecting wipes or personal care wipes.
- Authorizes a grant program at EPA (\$5 million annually) to support and expand education and outreach activities by states, local governments, and non-profit organizations to ratepayers. These grants will increase awareness of the label and proper disposal methods for these wipes.

State of Maine Passes Bill Prohibiting Land Application of Biosolids

In April 2022, The Maine state legislature passed Legislative Document (L.D.) 1911, *An Act to Prevent the Further Contamination of the Soils and Water of the State with So-Called Forever Chemicals* that completely prohibits land application of biosolids and the sale of compost or other agricultural products and materials containing sludge and septage in the state of Maine due to PFAS concerns. Maine is requiring all biosolids to be disposed of in landfills or shipped out of state. According to NACWA, It is unclear how the state will physically manage the tons of municipal biosolids produced in the immediate future or in the years and decades to come, nor how communities will cover the costs associated with a direct-to-landfill approach.

Previous Board Action

October 25, 2021 – The USD Board received a legislative update on regional, state, and national issues.

January 11, 2021 - The USD Board received a legislative update on state and national issues.

December 14, 2020 – The USD Board received a legislative update on regional issues.

Attachments

City of Fremont Districts map

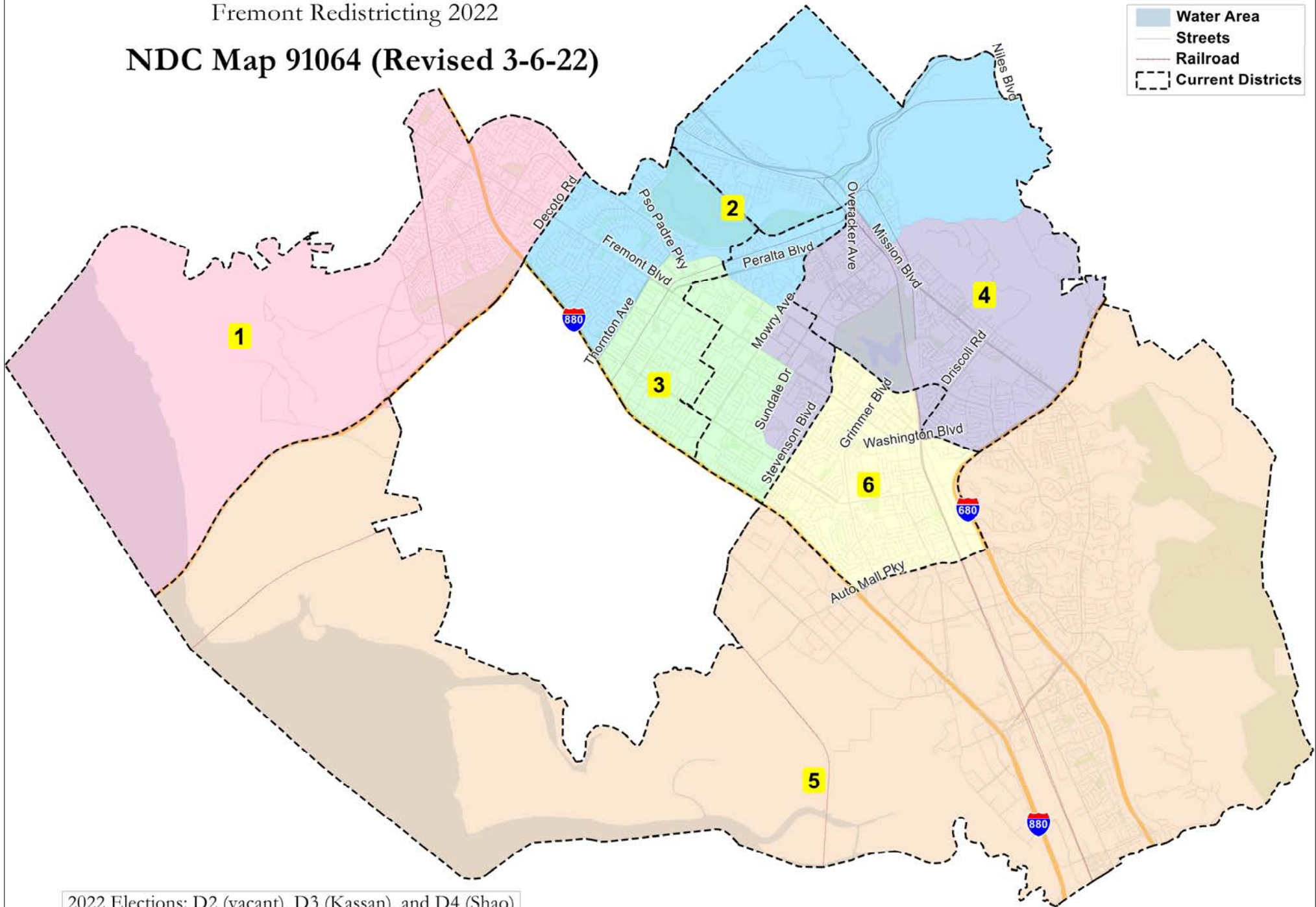
City of Union City Districts map

Alameda County Districts map

ACWD Districts map

CASA Tracked Bills as of 6/16/22

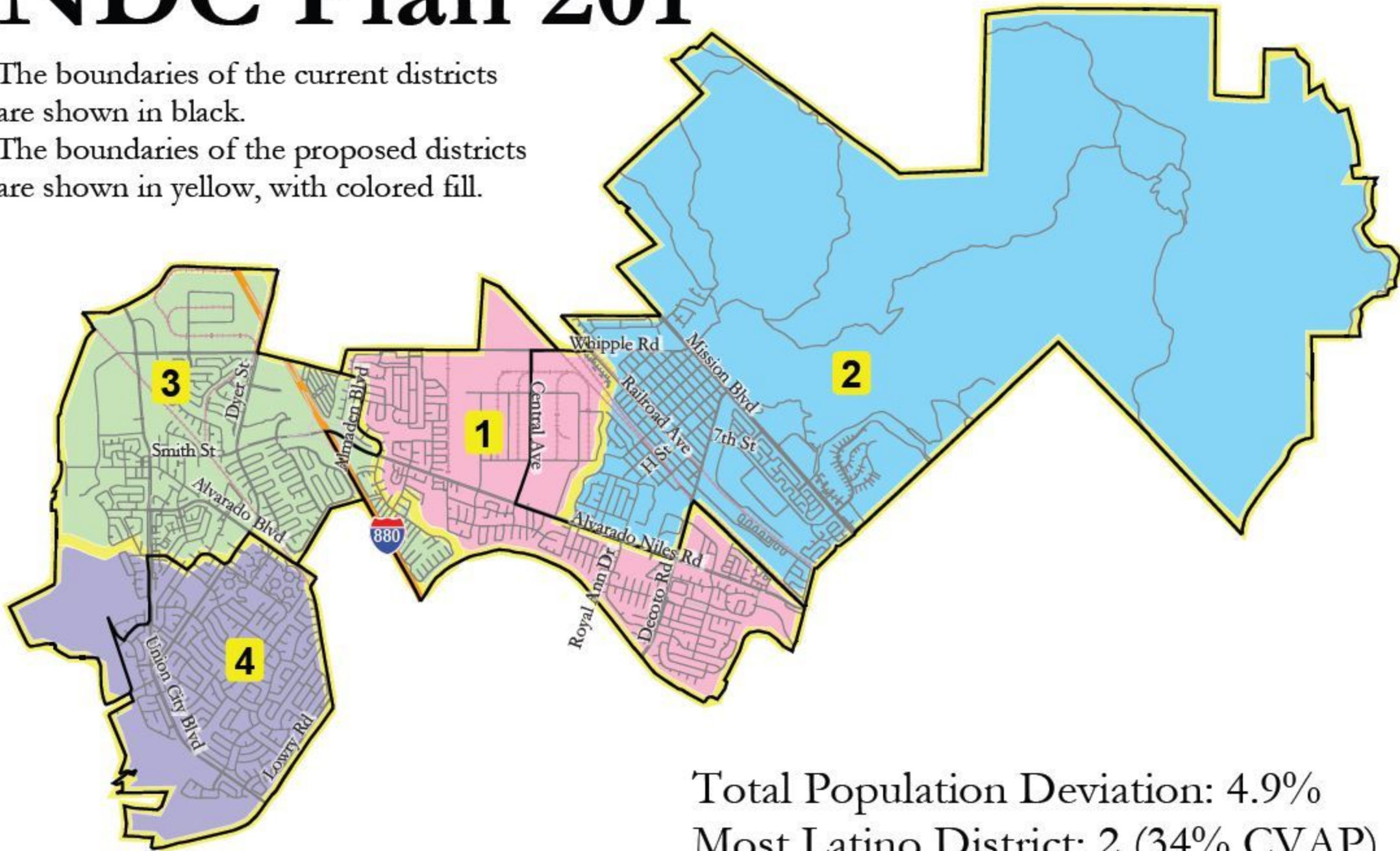
NDC Map 91064 (Revised 3-6-22)



Union City 2021/22 Redistricting NDC Plan 201

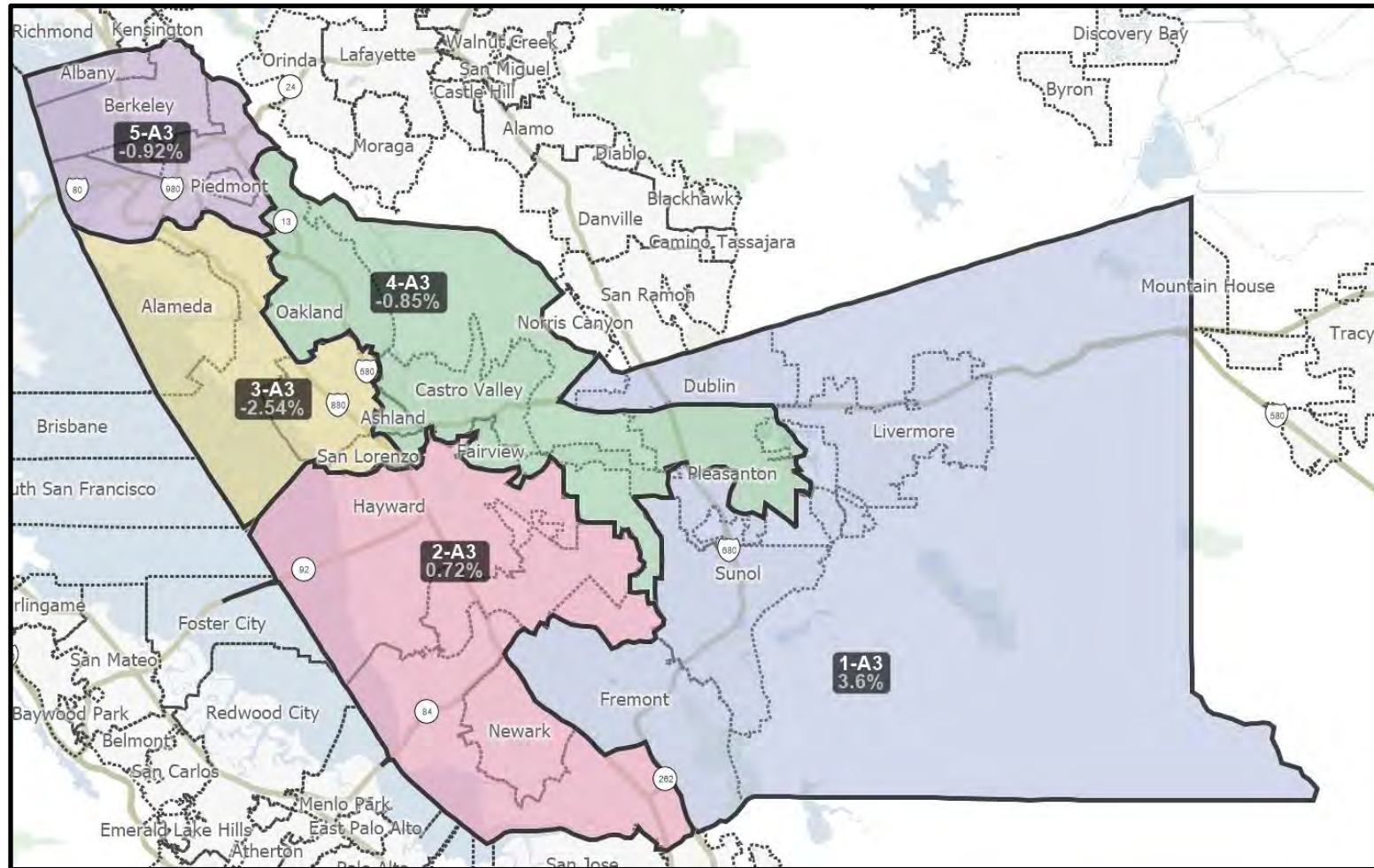
The boundaries of the current districts are shown in black.

The boundaries of the proposed districts are shown in yellow, with colored fill.

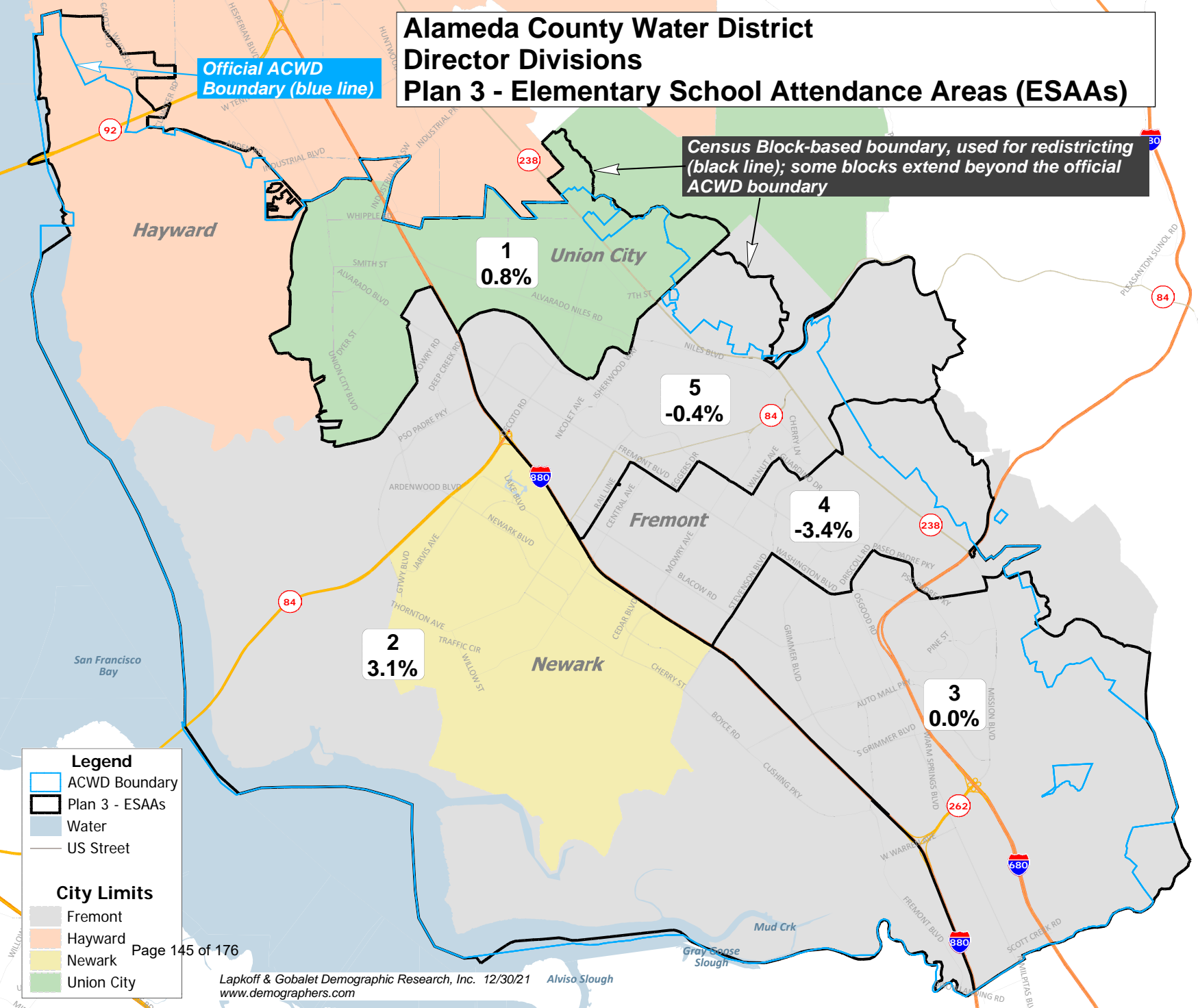


Total Population Deviation: 4.9%
Most Latino District: 2 (34% CVAP)

Overview



Alameda County Water District Director Divisions Plan 3 - Elementary School Attendance Areas (ESAAs)



CASA Active Positions

[AB 351](#) ([Garcia, Cristina D](#)) Reduction of human remains and the disposition of reduced human remains.
Current Text: Amended: 6/6/2022 [html](#) [pdf](#)
Current Analysis: 06/09/2022 [Senate Business, Professions And Economic Development \(text 6/6/2022\)](#)
Last Amend: 6/6/2022
Status: 6/14/2022-From committee: Do pass and re-refer to Com. on HEALTH. (Ayes 10. Noes 0.) (June 13). Re-referred to Com. on HEALTH.
Location: 5/4/2022-S. HEALTH

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Calendar: 6/22/2022 1:30 p.m. - 1021 O Street, Room 1200 SENATE HEALTH, PAN, Chair
Summary: Current law provides for the disposition of human remains and makes specified acts relating to human remains, including improperly disposing of human remains, a crime. This bill, commencing July 1, 2024, would require the Cemetery and Funeral Bureau to license and regulate reduction facilities, as defined, and would enact requirements applicable to reduction facilities substantially similar to those applicable to crematoria and hydrolysis facilities and would enact provisions relating to the disposition of reduced human remains by integration into the soil. By expanding the definition of crimes relating to the disposition of human remains and creating new crimes, this bill would impose a state-mandated local program.

Position
Work w/Author

[AB 1001](#) ([Garcia, Cristina D](#)) Environment: mitigation measures for air quality impacts: environmental justice.
Current Text: Amended: 3/22/2022 [html](#) [pdf](#)
Current Analysis: 01/26/2022 [Assembly Floor Analysis \(text 1/24/2022\)](#)
Last Amend: 3/22/2022
Status: 6/14/2022-In committee: Set, second hearing. Hearing canceled at the request of author.
Location: 5/4/2022-S. E.Q.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: The California Environmental Quality Act (CEQA) requires a lead agency to prepare a mitigated negative declaration for a project that may have a significant effect on the environment if revisions in the project would avoid or mitigate that effect and there is no substantial evidence that the project, as revised, would have a significant effect on the environment. This bill would require mitigation measures, identified in an environmental impact report or mitigated negative declaration to mitigate the adverse effects of a project on air quality of a disadvantaged community, to include measures for avoiding, minimizing, or otherwise mitigating for the adverse effects on that community. The bill would require mitigation measures to include measures conducted at the project site that avoid or minimize to less than significant the adverse effects on the air quality of a disadvantaged community or measures conducted in the affected disadvantaged community that directly mitigate those effects.

Position
Disapprove

[AB 1640](#) ([Ward D](#)) Office of Planning and Research: regional climate networks: regional climate adaptation and resilience action plans.
Current Text: Amended: 5/19/2022 [html](#) [pdf](#)
Current Analysis: 05/24/2022 [Assembly Floor Analysis \(text 5/19/2022\)](#)
Last Amend: 5/19/2022
Status: 6/9/2022-Action rescinded whereby the bill was referred to Com. on GOV. & F.
Location: 6/9/2022-S. E.Q.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Calendar: 6/22/2022 9 a.m. - 1021 O Street, Room 1200 SENATE ENVIRONMENTAL QUALITY, ALLEN, Chair
Summary: Current law establishes the Integrated Climate Adaptation and Resiliency Program to be administered by the Office of Planning and Research to coordinate regional and local efforts with state climate adaptation strategies to adapt to the impacts of climate change, as prescribed. This bill would authorize eligible entities, as defined, to establish and participate in a regional climate network, as defined. The bill would require the office, through the program, to encourage the inclusion of eligible entities with land use planning and hazard mitigation planning authority into regional climate

networks. The bill would authorize a regional climate network to engage in activities to address climate change, as specified.

Position

Watch

AB 1717 (Aguiar-Curry D) Public works: definition.

Current Text: Amended: 5/19/2022 [html](#) [pdf](#)

Current Analysis: 06/10/2022 [Senate Committee On Labor, Public Employment And Retirement \(text 5/19/2022\)](#)

Last Amend: 5/19/2022

Status: 6/14/2022-From committee: Do pass and re-refer to Com. on APPR. (Ayes 4. Noes 1.) (June 13). Re-referred to Com. on APPR.

Location: 6/14/2022-S. APPR.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Current law requires that, except as specified, not less than the general prevailing rate of per diem wages, determined by the Director of Industrial Relations, be paid to workers employed on public works projects. Current law defines the term "public works" for purposes of requirements regarding the payment of prevailing wages to include construction, alteration, demolition, installation, or repair work done under contract and paid for using public funds, except as specified. Current law makes a willful violation of laws relating to the payment of prevailing wages on public works a misdemeanor. This bill would expand the definition of "public works" to include fuel reduction work done under contract and paid for in whole or in part out of public funds performed as part of a fire mitigation project, as specified.

Position

Watch

AB 1749 (Garcia, Cristina D) Community emissions reduction programs: toxic air contaminants and criteria air pollutants.

Current Text: Amended: 5/19/2022 [html](#) [pdf](#)

Current Analysis: 05/24/2022 [Assembly Floor Analysis \(text 5/19/2022\)](#)

Last Amend: 5/19/2022

Status: 6/8/2022-Referred to Com. on E.Q.

Location: 6/8/2022-S. E.Q.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Calendar: 6/29/2022 9 a.m. - 1021 O Street, Room 1200 SENATE ENVIRONMENTAL QUALITY, ALLEN, Chair

Summary: Current law requires the State Air Resources Board, based on the assessment and identification of communities with high cumulative exposure burdens, to select locations around the state for preparation of community emissions reduction programs. Current law requires an air district encompassing any location selected by the state board to adopt, within one year of the state board's selection, a community emissions reduction program to achieve emissions reductions for the location selected using cost-effective measures, as specified. Current law also requires an air district to submit the community emissions reduction program to the state board for review and approval as prescribed, and to prepare an annual report summarizing the results and actions taken to further reduce emissions pursuant to the community emissions reduction program, among other things. This bill would require the state board to identify in each statewide strategy update measures to reduce criteria air pollutants and toxic air contaminants. The bill would authorize an air district that is required to adopt a community emissions reduction program to take up to one additional year to adopt the program, if the community steering committee agrees. The bill would require an air district that is required to adopt a community emissions reduction program to additionally include in its annual report a summary of updates to the program made to ensure consistency with the statewide strategy.

Position

Watch

AB 1817 (Ting D) Product safety: textile articles: perfluoroalkyl and polyfluoroalkyl substances (PFAS).

Current Text: Amended: 5/9/2022 [html](#) [pdf](#)

Current Analysis: 05/11/2022 [Assembly Floor Analysis \(text 5/9/2022\)](#)

Last Amend: 5/9/2022

Status: 6/13/2022-In committee: Set, first hearing. Hearing canceled at the request of author.

Location: 6/1/2022-S. E.Q.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Calendar: 6/29/2022 9 a.m. - 1021 O Street, Room 1200 SENATE ENVIRONMENTAL QUALITY, ALLEN, Chair

Summary: Would prohibit, beginning January 1, 2025, any person from manufacturing, distributing, selling, or offering for sale in the state any textile articles that contain regulated perfluoroalkyl and polyfluoroalkyl substances or PFAS, and requires a manufacturer to use the least toxic alternative when removing regulated PFAS in textile articles to comply with these provisions. The bill would require a manufacturer of a textile article that contains regulated PFAS to provide persons that offer the product for sale or distribution in the state with a certificate of compliance stating that the textile article is in compliance with these provisions and does not contain any regulated PFAS.

Position

Support

AB 1851 (Rivas, Robert D) Public works: prevailing wage: hauling.

Current Text: Amended: 6/15/2022 [html](#) [pdf](#)

Current Analysis: 06/10/2022 [Senate Committee On Labor, Public Employment And Retirement \(text 2/28/2022\)](#)

Last Amend: 6/15/2022

Status: 6/15/2022-Read second time and amended. Re-referred to Com. on APPR.

Location: 6/14/2022-S. APPR.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Current law requires that, except as specified, not less than the general prevailing rate of per diem wages, determined by the Director of Industrial Relations, be paid to workers employed on public works projects. Current law defines the term "public works" for purposes of requirements regarding the payment of prevailing wages to include construction, alteration, demolition, installation, or repair work done under contract and paid for using public funds, except as specified. Current law includes in the definition of "public works" under certain circumstances the hauling of refuse from a public works site to an outside disposal location. Current law makes a willful violation of laws relating to the payment of prevailing wages on public works a misdemeanor. This bill would expand the definition of "public works" for those purposes to include the on-hauling of materials used for paving, grading, and fill onto a public works site if the individual driver's work is integrated into the flow process of construction.

Position

Watch

AB 1857 (Garcia, Cristina D) Solid waste.

Current Text: Amended: 6/2/2022 [html](#) [pdf](#)

Current Analysis: 05/24/2022 [Assembly Floor Analysis \(text 5/19/2022\)](#)

Last Amend: 6/2/2022

Status: 6/2/2022-From committee chair, with author's amendments: Amend, and re-refer to committee. Read second time, amended, and re-referred to Com. on E.Q.

Location: 6/1/2022-S. E.Q.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Calendar: 6/22/2022 9 a.m. - 1021 O Street, Room 1200 SENATE ENVIRONMENTAL QUALITY, ALLEN, Chair

Summary: The California Integrated Waste Management Act of 1989, except as provided, defines "solid waste disposal," "disposal," or "dispose" to mean the final deposition of solid wastes onto land, into the atmosphere, or into the waters of the state. The act, with regard to integrated waste management plans, defines those terms to mean the management of solid waste through landfill disposal, transformation, or engineered municipal solid waste (EMSW) conversion, at a permitted solid waste facility, and for the purposes of certain other provisions of the act, defines those terms to mean the final deposition of solid wastes onto land. This bill would delete those exceptions to the act's general definition of those terms and instead define those terms for purposes of the entire act to mean the final deposition of solid wastes onto land, into the atmosphere, or into the waters of the state, including, but not limited to, through landfill disposal, transformation, or EMSW conversion, at a permitted solid waste facility. This bill contains other related provisions and other existing laws.

Position

Watch

AB 1886 (Cooper D) Public works: definition.

Current Text: Introduced: 2/8/2022 [html](#) [pdf](#)

Current Analysis: 06/06/2022 [Senate Committee On Labor, Public Employment And Retirement \(text 2/8/2022\)](#)

Status: 6/8/2022-From committee: Do pass and re-refer to Com. on APPR. (Ayes 4. Noes 0.) (June 8).

Re-referred to Com. on APPR.

Location: 6/8/2022-S. APPR.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Current law requires that, except as specified, not less than the general prevailing rate of per diem wages, determined by the Director of Industrial Relations, be paid to workers employed on public works projects. Current law defines the term "public works" for purposes of requirements regarding the payment of prevailing wages to include construction, alteration, demolition, installation, or repair work done under contract and paid for using public funds, except as specified. Existing law makes a willful violation of laws relating to the payment of prevailing wages on public works a misdemeanor. This bill would expand the definition of "public works" to include street sweeping maintenance performed for the preservation, protection, and keeping of any publicly owned or publicly operated street, road, or highway done under contract and paid for in whole or in part out of public funds.

Position

Watch

AB 1944 (Lee D) Local government: open and public meetings.

Current Text: Amended: 5/25/2022 [html](#) [pdf](#)

Current Analysis: 05/25/2022 [Assembly Floor Analysis \(text 5/25/2022\)](#)

Last Amend: 5/25/2022

Status: 6/8/2022-Referred to Coms. on GOV. & F. and JUD.

Location: 6/8/2022-S. GOV. & F.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: The Ralph M. Brown Act requires, with specified exceptions, that all meetings of a legislative body of a local agency, as those terms are defined, be open and public and that all persons be permitted to attend and participate. The act contains specified provisions regarding the timelines for posting an agenda and providing for the ability of the public to observe and provide comment. The act allows for meetings to occur via teleconferencing subject to certain requirements, particularly that the legislative body notice each teleconference location of each member that will be participating in the public meeting, that each teleconference location be accessible to the public, that members of the public be allowed to address the legislative body at each teleconference location, that the legislative body post an agenda at each teleconference location, and that at least a quorum of the legislative body participate from locations within the boundaries of the local agency's jurisdiction. The act provides an exemption to the jurisdictional requirement for health authorities, as defined. This bill would require the agenda to identify any member of the legislative body that will participate in the meeting remotely.

Position

Watch

AB 1985 (Rivas, Robert D) Organic waste: recovered organic waste product procurement targets: list of available products.

Current Text: Amended: 6/13/2022 [html](#) [pdf](#)

Current Analysis: 05/20/2022 [Assembly Floor Analysis \(text 2/10/2022\)](#)

Last Amend: 6/13/2022

Status: 6/13/2022-From committee chair, with author's amendments: Amend, and re-refer to committee. Read second time, amended, and re-referred to Com. on E.Q.

Location: 6/8/2022-S. E.Q.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Calendar: 6/29/2022 9 a.m. - 1021 O Street, Room 1200 SENATE ENVIRONMENTAL QUALITY, ALLEN, Chair

Summary: Current law requires methane emissions reduction goals to include a 50% reduction in the level of the statewide disposal of organic waste from the 2014 level by 2020 and a 75% reduction by 2025. Current law requires the Department of Resources Recycling and Recovery, in consultation with the State Air Resources Board, to adopt regulations to achieve these organic waste reduction goals that include, among other things, requirements intended to meet the goal that not less than 20% of edible food that is currently disposed of be recovered for human consumption by 2025 and that may include penalties to be imposed by the department for noncompliance, as provided. The department's regulations provide for, among other things, the calculation by the department of recovered organic waste product procurement targets for each local jurisdiction. This bill would require the department's regulations to allow a local jurisdiction to procure a product made from California, landfill-diverted recovered organic waste, as provided, to comply with these recovered organic waste product procurement target requirements. The bill would allow a local jurisdiction, in procuring recovered

organic waste products, to utilize California-derived recovered organic waste that is processed outside of the state.

Position

Support, if
amended, work
with author

AB 2106 (Rivas, Robert D) Water quality: permits.

Current Text: Amended: 6/8/2022 [html](#) [pdf](#)

Current Analysis: 05/24/2022 [Assembly Floor Analysis \(text 5/19/2022\)](#)

Last Amend: 6/8/2022

Status: 6/8/2022-From committee chair, with author's amendments: Amend, and re-refer to committee. Read second time, amended, and re-referred to Com. on E.Q.

Location: 6/1/2022-S. E.Q.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Calendar: 6/29/2022 9 a.m. - 1021 O Street, Room 1200 SENATE ENVIRONMENTAL QUALITY, ALLEN, Chair

Summary: Current law requires each of the 9 California regional water quality control boards to formulate and adopt water quality control plans for all areas within the region, as provided. Current law authorizes the state board to require a person submitting a report to the state board, a regional board, or a local agency to submit the report in electronic format. This bill would require, on or before December 31, 2024, the state board to modernize its stormwater data collection systems through specified actions.

Position

Watch

AB 2108 (Rivas, Robert D) Water policy: environmental justice: disadvantaged and tribal communities.

Current Text: Amended: 5/19/2022 [html](#) [pdf](#)

Current Analysis: 06/12/2022 [Senate Environmental Quality \(text 5/19/2022\)](#)

Last Amend: 5/19/2022

Status: 6/15/2022-From committee: Amend, and do pass as amended and re-refer to Com. on N.R. & W. (Ayes 5. Noes 1.) (June 15).

Location: 6/15/2022-S. N.R. & W.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Calendar: 6/16/2022 #27 SENATE ASSEMBLY BILLS - SECOND READING FILE

Summary: Would require that one of the persons appointed by the Governor to the State Water Resources Control Board be qualified in the field of water supply and water quality relating to disadvantaged or tribal communities and not be the same member as the member appointed who is qualified in the field of water supply and water quality relating to irrigated agriculture. The bill would also require that at least one person appointed to each regional board have specialized experience relating to disadvantaged or tribal communities, except as provided. The bill would prohibit, in making those appointments, preference to be given on the basis of ethnicity or national origin.

Position

Oppose, unless
amended

AB 2173 (Petrie-Norris D) Public contracts: payment.

Current Text: Introduced: 2/15/2022 [html](#) [pdf](#)

Current Analysis: 06/10/2022 [Senate Governmental Organization \(text 2/15/2022\)](#)

Status: 6/15/2022-From committee: Do pass. To Consent Calendar. (Ayes 14. Noes 0.) (June 14).

Location: 6/14/2022-S. CONSENT CALENDAR

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Calendar: 6/16/2022 #11 SENATE ASSEMBLY BILLS - SECOND READING FILE

Summary: Current law, until January 1, 2023, authorizes the retention proceeds withheld from any payment by an awarding entity, as described, from the original contractor, by the original contractor from any subcontractor, and by a subcontractor from any subcontractor, to exceed 5% on specific projects where the director of the applicable department, as specified, has made, or the governing body of the public entity or designated official of the public entity has approved, a finding prior to the bid that the project is substantially complex and requires a higher retention and the department or public entity includes both this finding and the actual retention amount in the bid documents. This bill would make these provisions operative indefinitely.

Position
Watch

[AB 2247](#) (Bloom D) Perfluoroalkyl and polyfluoroalkyl substances (PFAS) and PFAS products and product components: publicly accessible reporting platform.

Current Text: Amended: 5/19/2022 [html](#) [pdf](#)

Current Analysis: 05/24/2022 [Assembly Floor Analysis](#) (text 5/19/2022)

Last Amend: 5/19/2022

Status: 6/8/2022-Referred to Com. on E.Q.

Location: 6/8/2022-S. E.Q.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Calendar: 6/22/2022 9 a.m. - 1021 O Street, Room 1200 SENATE ENVIRONMENTAL QUALITY, ALLEN, Chair

Summary: Would require, as part of the hazardous waste control laws, the Department of Toxic Substances Control to work with the Interstate Chemicals Clearinghouse to establish, on or before January 1, 2025, a publicly accessible reporting platform to collect information about perfluoroalkyl and polyfluoroalkyl substances (PFAS) and products or product components containing intentionally added PFAS, as defined, being sold, offered for sale, distributed, or offered for promotional purposes in, or imported into, the state. The bill would require, on or before July 1, 2025, and annually thereafter, a manufacturer, as defined, of PFAS or a product or a product component containing intentionally added PFAS that is sold, offered for sale, distributed, or offered for promotional purposes in, or imported into, the state to register the PFAS or the product or product component containing intentionally added PFAS, and specified other information, on the publicly accessible reporting platform.

Position
Support/Co-Sponsor

[AB 2278](#) (Kalra D) Natural resources: biodiversity and conservation report.

Current Text: Amended: 3/24/2022 [html](#) [pdf](#)

Current Analysis: 05/20/2022 [Assembly Floor Analysis](#) (text 3/24/2022)

Last Amend: 3/24/2022

Status: 6/1/2022-Referred to Com. on N.R. & W.

Location: 6/1/2022-S. N.R. & W.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Calendar: 6/28/2022 9 a.m. - 1021 O Street, Room 2200 SENATE NATURAL RESOURCES AND WATER, STERN, Chair

Summary: Under current law, by Executive Order No. N-82-20, Governor Gavin Newsom directed the Natural Resources Agency to combat the biodiversity and climate crisis by, among other things, establishing the California Biodiversity Collaborative and conserving at least 30% of the state's lands and coastal waters by 2030. This bill would require the Secretary of the Natural Resources Agency to prepare and submit, beginning on or before January 1, 2024, an annual report to the Legislature on the progress toward achieving the directives of the executive order.

Position
Watch

[AB 2357](#) (Ting D) Surplus land.

Current Text: Amended: 4/5/2022 [html](#) [pdf](#)

Current Analysis: 06/13/2022 [Senate Governance And Finance](#) (text 4/5/2022)

Last Amend: 4/5/2022

Status: 6/15/2022-In committee: Set, first hearing. Hearing canceled at the request of author.

Location: 6/1/2022-S. GOV. & F.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Current law prescribes requirements for the disposal of surplus land by a local agency, as defined, and requires, except as provided, a local agency disposing of surplus land to comply with certain notice requirements before disposing of the land or participating in negotiations to dispose of the land with a prospective transferee, particularly that the local agency send a notice of availability to specified entities that have notified the Department of Housing and Community Development of their interest in surplus land, as specified. Under current law, if the local agency receives a notice of interest, the local agency is required to engage in good faith negotiations with the entity desiring to purchase or lease the surplus land. This bill would also require the department to maintain on its internet website a listing of all entities, including housing sponsors, that have notified the department of their interest in surplus land for the purpose of developing low- and moderate-income housing.

Position

Oppose, unless
amended

AB 2374 (Bauer-Kahan D) Crimes against public health and safety: illegal dumping.

Current Text: Amended: 4/7/2022 [html](#) [pdf](#)

Current Analysis: 06/10/2022 [Senate Public Safety](#) (text 4/7/2022)

Last Amend: 4/7/2022

Status: 6/14/2022-From committee: Do pass and re-refer to Com. on APPR. (Ayes 5. Noes 0.) (June 14). Re-referred to Com. on APPR.

Location: 6/14/2022-S. APPR.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf.	Enrolled	Vetoed	Chaptered
1st House				2nd House				Conc.			

Summary: Current law prohibits the dumping of waste matter upon a road or highway or in other locations, as specified. A violation of this prohibition, generally, is an infraction punishable by specified fines that escalate for subsequent convictions. Under current law, the court may, as a condition of probation, order the convicted person to remove, or pay for the removal of, the waste matter. This bill would increase the maximum fine for the dumping of commercial quantities of waste by a business that employs more than 10 employees from \$3,000 to \$5,000 for the first conviction, from \$6,000 to \$10,000 for the second conviction, and from \$10,000 to \$20,000 for the third and any subsequent convictions. The bill would require a court, when imposing a fine, to consider the defendant's ability to pay, as specified.

Position

Support

AB 2387 (Garcia, Eduardo D) Safe Drinking Water, Wildfire Prevention, Drought Preparation, Flood Protection, Extreme Heat Mitigation, and Workforce Development Bond Act of 2022.

Current Text: Amended: 3/21/2022 [html](#) [pdf](#)

Current Analysis: 05/10/2022 [Assembly Appropriations](#) (text 3/21/2022)

Last Amend: 3/21/2022

Status: 5/19/2022-In committee: Held under submission.

Location: 5/11/2022-A. APPR. SUSPENSE FILE

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf.	Enrolled	Vetoed	Chaptered
1st House				2nd House				Conc.			

Summary: Would enact the Safe Drinking Water, Wildfire Prevention, Drought Preparation, Flood Protection, Extreme Heat Mitigation, and Workforce Development Bond Act of 2022, which, if approved by the voters, would authorize the issuance of bonds in the amount of \$7,430,000,000 pursuant to the State General Obligation Bond Law to finance projects for safe drinking water, wildfire prevention, drought preparation, flood protection, extreme heat mitigation, and workforce development programs.

Position

Support, if
amended

AB 2449 (Rubio, Blanca D) Open meetings: local agencies: teleconferences.

Current Text: Amended: 6/15/2022 [html](#) [pdf](#)

Current Analysis: 05/24/2022 [Assembly Floor Analysis](#) (text 5/23/2022)

Last Amend: 6/15/2022

Status: 6/15/2022-From committee chair, with author's amendments: Amend, and re-refer to committee. Read second time, amended, and re-referred to Com. on GOV. & F.

Location: 6/8/2022-S. GOV. & F.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf.	Enrolled	Vetoed	Chaptered
1st House				2nd House				Conc.			

Summary: The Ralph M. Brown Act, requires, with specified exceptions, that all meetings of a legislative body of a local agency, as those terms are defined, be open and public and that all persons be permitted to attend and participate. The act contains specified provisions regarding the timelines for posting an agenda and providing for the ability of the public to observe and provide comment. The act allows for meetings to occur via teleconferencing subject to certain requirements, particularly that the legislative body notice each teleconference location of each member that will be participating in the public meeting, that each teleconference location be accessible to the public, that members of the public be allowed to address the legislative body at each teleconference location, that the legislative body post an agenda at each teleconference location, and that at least a quorum of the legislative body participate from locations within the boundaries of the local agency's jurisdiction. The act provides an exemption to the jurisdictional requirement for health authorities, as defined. This bill would revise and recast those teleconferencing provisions and, until January 1, 2028, would authorize a local agency to use teleconferencing without complying with the teleconferencing requirements that

each teleconference location be identified in the notice and agenda and that each teleconference location be accessible to the public if at least a quorum of the members of the legislative body participates in person from a singular physical location clearly identified on the agenda that is open to the public and situated within the local agency's jurisdiction.

Position

Support

AB 2536 (Grayson D) Development fees: impact fee nexus studies: connection fees and capacity charges.

Current Text: Amended: 4/26/2022 [html](#) [pdf](#)

Current Analysis: 05/06/2022 [Assembly Floor Analysis \(text 4/26/2022\)](#)

Last Amend: 4/26/2022

Status: 5/25/2022-Referred to Com. on GOV. & F.

Location: 5/25/2022-S. GOV. & F.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: The Mitigation Fee Act requires a local agency that establishes, increases, or imposes a fee as a condition of approval of a development project to, among other things, determine a reasonable relationship between the fee's use and the type of development project on which the fee is imposed. Current law requires a local agency that conducts an impact fee nexus study to follow certain standards and practices, as specified. Current law also requires a local agency to hold at least one open and public meeting prior to levying a new fee or service charge, as specified. This bill would require a local agency, prior to levying a new fee or capacity charge or approving an increase in an existing fee or capacity charge, to evaluate the amount of the fee or capacity charge. The bill would require the evaluation to include evidence to support that the fee or capacity charge does not exceed the estimated reasonable cost of providing service, as specified. The bill would require all information constituting the evaluation to be made publicly available at least 14 days prior to a specified meeting.

Position

Watch

AB 2647 (Levine D) Local government: open meetings.

Current Text: Amended: 4/19/2022 [html](#) [pdf](#)

Current Analysis: 05/06/2022 [Assembly Floor Analysis \(text 4/19/2022\)](#)

Last Amend: 4/19/2022

Status: 5/25/2022-Referred to Com. on GOV. & F.

Location: 5/25/2022-S. GOV. & F.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Current law makes agendas of public meetings and other writings distributed to the members of the governing board disclosable public records, with certain exceptions. Current law requires a local agency to make those writings distributed to the members of the governing board less than 72 hours before a meeting available for public inspection, as specified, at a public office or location that the agency designates. Current law also requires the local agency to list the address of the office or location on the agenda for all meetings of the legislative body of the agency. Current law authorizes a local agency to post the writings on the local agency's internet website in a position and manner that makes it clear that the writing relates to an agenda item for an upcoming meeting. This bill would instead require a local agency to make those writings distributed to the members of the governing board available for public inspection at a public office or location that the agency designates and list the address of the office or location on the agenda for all meetings of the legislative body of the agency unless the local agency meets certain requirements, including the local agency immediately posts the writings on the local agency's internet website in a position and manner that makes it clear that the writing relates to an agenda item for an upcoming meeting.

Position

Support

AB 2667 (Friedman D) Integrated Distributed Energy Resources Fund.

Current Text: Amended: 6/13/2022 [html](#) [pdf](#)

Current Analysis: 05/20/2022 [Assembly Floor Analysis \(text 4/27/2022\)](#)

Last Amend: 6/13/2022

Status: 6/13/2022-From committee chair, with author's amendments: Amend, and re-refer to committee. Read second time, amended, and re-referred to Com. on E., U. & C.

Location: 6/1/2022-S. E. U., & C.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Calendar: 6/21/2022 9 a.m. - 1021 O Street, Room 1200 SENATE ENERGY, UTILITIES AND COMMUNICATIONS, HUESO, Chair

Summary: Current law establishes State Energy Resources Conservation and Development Commission (Energy Commission) with various responsibilities with respect to developing and implementing the state's energy policies. This bill would establish the Integrated Distributed Energy Resources Fund as a special fund in the State Treasury, the moneys in which would be available to the Energy Commission, upon appropriation by the Legislature, for purposes of the bill. The bill would require the Energy Commission to administer the fund in consultation with the Public Utilities Commission and the State Air Resources Board to provide incentives for eligible resources to support statewide customer adoption of clean distributed energy resources, as specified. The bill would require the commission to establish a system to equitably award incentives, as specified. The bill would require the commission to establish a process to allow a load-serving entity to apply for incentives on behalf of its generation service customer or a set of its generation service customers as part of that load-serving entity's customer program to meet or reduce its resource adequacy requirement obligations, as specified.

Position

Refer to ACE
Committee

AB 2771 (Friedman D) Cosmetic products: safety.

Current Text: Amended: 6/13/2022 [html](#) [pdf](#)

Current Analysis: 05/04/2022 [Assembly Floor Analysis](#) (text 4/18/2022)

Last Amend: 6/13/2022

Status: 6/13/2022-From committee chair, with author's amendments: Amend, and re-refer to committee. Read second time, amended, and re-referred to Com. on E.Q.

Location: 6/8/2022-S. E.Q.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Calendar:

6/22/2022 9 a.m. - 1021 O Street, Room 1200 SENATE ENVIRONMENTAL QUALITY, ALLEN, Chair

6/29/2022 1:30 p.m. - 1021 O Street, Room 1200 SENATE HEALTH, PAN, Chair

Summary: Would prohibit, beginning January 1, 2025, a person or entity from manufacturing, selling, delivering, holding, or offering for sale in commerce any cosmetic product that contains intentionally added perfluoroalkyl and polyfluoroalkyl substances PFAS, as defined.

Position

Support

AB 2887 (Garcia, Eduardo D) Public resources: Sales and Use Tax Law: exclusions.

Current Text: Amended: 5/9/2022 [html](#) [pdf](#)

Current Analysis: 05/20/2022 [Assembly Floor Analysis](#) (text 5/9/2022)

Last Amend: 5/9/2022

Status: 6/8/2022-Referred to Com. on GOV. & F.

Location: 6/8/2022-S. GOV. & F.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: The California Alternative Energy and Advanced Transportation Financing Authority Act establishes the California Alternative Energy and Advanced Transportation Financing Authority. The act authorizes, until January 1, 2026, the authority to provide financial assistance to a participating party in the form of specified sales and use tax exclusions for projects, including those that promote California-based manufacturing, California-based jobs, advanced manufacturing, reduction of greenhouse gases, or reduction in air and water pollution or energy consumption. The act prohibits the sales and use tax exclusions from exceeding \$100,000,000 for each calendar year. This bill would, until January 1, 2026, increase the limit on sales and use tax exclusions to \$150,000,000 for each calendar year.

Position

Refer to ACE
Committee

SB 12 (McGuire D) Local government: planning and zoning: wildfires.

Current Text: Amended: 6/6/2022 [html](#) [pdf](#)

Current Analysis: 06/13/2022 [Assembly Housing And Community Development](#) (text 6/6/2022)

Last Amend: 6/6/2022

Status: 6/15/2022-June 15 set for first hearing canceled at the request of author.

Location: 5/24/2022-A. H. & C.D.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: The Planning and Zoning Law requires the legislative body of a city or county to adopt a comprehensive, long-term general plan that includes various elements, including, among others, a housing element and a safety element for the protection of the community from unreasonable risks associated with the effects of various geologic and seismic hazards, flooding, and wildland and urban fires. Current law requires the housing element to be revised according to a specific schedule. Current law requires the planning agency to review and, if necessary, revise the safety element upon each revision of the housing element or local hazard mitigation plan, but not less than once every 8 years to identify new information relating to flood and fire hazards and climate adaptation and resiliency strategies applicable to the city or county that was not available during the previous revision of the safety element. Current law requires that the Office of Planning and Research, among other things, coordinate with appropriate entities, including state, regional, or local agencies, to establish a clearinghouse for climate adaptation information for use by state, regional, and local entities, as provided. This bill would require the safety element, upon the next revision of the housing element or the hazard mitigation plan, on or after July 1, 2024, whichever occurs first, to be reviewed and updated as necessary to include a comprehensive retrofit strategy to reduce the risk of property loss and damage during wildfires, as specified, and would require the planning agency to submit the adopted strategy to the Office of Planning and Research for inclusion into the above-described clearinghouse

Position

Oppose, unless amended

SB 45

(Portantino D) Short-lived climate pollutants: organic waste reduction goals: local jurisdiction assistance.

Current Text: Amended: 1/3/2022 [html](#) [pdf](#)

Current Analysis: 06/03/2022 [Assembly Natural Resources \(text 1/3/2022\)](#)

Last Amend: 1/3/2022

Status: 6/8/2022-From committee: Do pass and re-refer to Com. on APPR. with recommendation: To consent calendar. (Ayes 9. Noes 0.) (June 6). Re-referred to Com. on APPR.

Location: 6/6/2022-A. APPR.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Current law requires the Department of Resources Recycling and Recovery, in consultation with the State Air Resources Board, to adopt regulations to achieve the organic waste reduction goals established by the state board for 2020 and 2025, as provided. Current law requires the department, no later than July 1, 2020, and in consultation with the state board, to analyze the progress that the waste sector, state government, and local governments have made in achieving these organic waste reduction goals. This bill would require the department, in consultation with the state board, to provide assistance to local jurisdictions, including, but not limited to, any funding appropriated by the Legislature in the annual Budget Act, for purposes of assisting local agencies to comply with these provisions, including any regulations adopted by the department.

Position

Support, if amended

SB 867

(Laird D) Sea level rise: planning and adaptation.

Current Text: Amended: 6/13/2022 [html](#) [pdf](#)

Current Analysis: 06/03/2022 [Assembly Natural Resources \(text 5/31/2022\)](#)

Last Amend: 6/13/2022

Status: 6/13/2022-Read second time and amended. Re-referred to Com. on APPR.

Location: 6/6/2022-A. APPR.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Current law creates within the Ocean Protection Council the California Sea Level Rise State and Regional Support Collaborative to provide state and regional information to the public and support to local, regional, and other state agencies for the identification, assessment, planning, and, where feasible, the mitigation of the adverse environmental, social, and economic effects of sea level rise within the coastal zone, as provided. This bill would require a local government, as defined, lying, in whole or in part, within the coastal zone, as defined, or within the jurisdiction of the San Francisco Bay Conservation and Development Commission, as defined, to implement sea level rise planning and adaptation through either submitting a local coastal program, as defined, to the California Coastal Commission or submitting a subregional San Francisco Bay shoreline resiliency plan to the San Francisco Bay Conservation and Development Commission, as applicable, by January 1, 2026. The bill would require those local governments to provide a comprehensive update to that planning and adaptation every 10 years, and technical adjustments every 5 years, as prescribed.

Position

SB 938**(Hertzberg D) The Cortese-Knox-Hertzberg Local Government Reorganization Act of 2000: protest proceedings: procedural consolidation.****Current Text:** Amended: 6/9/2022 [html](#) [pdf](#)**Current Analysis:** 06/15/2022 [Assembly Floor Analysis](#) (text 6/9/2022)**Last Amend:** 6/9/2022**Status:** 6/13/2022-Read second time. Ordered to third reading.**Location:** 6/13/2022-A. THIRD READING

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Calendar: 6/16/2022 #44 ASSEMBLY THIRD READING FILE - SENATE BILLS

Summary: The Cortese-Knox-Hertzberg Local Government Reorganization Act of 2000 provides the exclusive authority and procedure for the initiation, conduct, and completion of changes of organization and reorganization for cities and districts, except as specified. Under existing law, in each county there is a local agency formation commission (commission) that oversees these changes of organization and reorganization. Current law authorizes a commission to dissolve an inactive district if specified conditions are satisfied. This bill would also authorize a commission to initiate a proposal for the dissolution of a district, as described, if the commission approves, adopts, or accepts a specified study that includes a finding, based on a preponderance of the evidence, that, among other things, the district has one or more documented chronic service provision deficiencies, the district spent public funds in an unlawful or reckless manner, or the district has shown willful neglect by failing to consistently adhere to the California Public Records Act. The bill would require the commission to adopt a resolution of intent to initiate a dissolution based on these provisions and to provide a remediation period of at least 12 months, during which the district may take steps to remedy the stated deficiencies.

Position

Watch

SB 972**(Gonzalez D) California Retail Food Code.****Current Text:** Amended: 5/23/2022 [html](#) [pdf](#)**Current Analysis:** 05/24/2022 [Senate Floor Analyses](#) (text 5/23/2022)**Last Amend:** 5/23/2022**Status:** 6/2/2022-Referred to Com. on HEALTH.**Location:** 6/2/2022-A. HEALTH

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Calendar: 6/28/2022 1:30 p.m. - 1021 O Street, Room 1100 ASSEMBLY HEALTH, WOOD, Chair

Summary: The California Retail Food Code (the code) establishes uniform health and sanitation standards for, and provides for regulation by the State Department of Public Health of, retail food facilities and requires local health agencies to enforce these provisions. Current law, for purposes of the code, defines a "cottage food operation" as an enterprise that has no more than a specified amount in gross annual sales, is operated by a cottage food operator, and has no more than 1 full-time employee within the registered or permitted area of a private home where the food products are prepared and packaged. This bill would make various changes to the cottage food operation requirements, including authorizing sales at a compact mobile food facility, exempting those transactions from the amount used to calculate the annual gross sales restrictions, and authorizing the sale of the cottage food product at a mobile food facility owned by the cottage food operator.

Position

Work w/Author

SB 991**(Newman D) Public contracts: progressive design-build: local agencies.****Current Text:** Amended: 6/6/2022 [html](#) [pdf](#)**Current Analysis:** 06/14/2022 [Assembly Local Government](#) (text 6/6/2022)**Last Amend:** 6/6/2022**Status:** 6/6/2022-From committee with author's amendments. Read second time and amended. Re-referred to Com. on L. GOV.**Location:** 5/19/2022-A. L. GOV.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Would authorize local agencies, defined as any city, county, city and county, or special district authorized by law to provide for the production, storage, supply, treatment, or distribution of any water from any source, to use the progressive design-build process for public works projects in excess of \$5,000,000, similar to the progressive design-build process authorized for use by the Director of General Services. The bill would require a local agency that uses the progressive design-

build process to submit, no later than January 1, 2028, to the appropriate policy and fiscal committees of the Legislature a report on the use of the progressive design-build process containing specified information, including a description of the projects awarded using the progressive design-build process. The bill would require the design-build entity and its general partners or joint venture members to verify specified information under penalty of perjury.

Position

Support

SB 1075 (Skinner D) Hydrogen: green hydrogen: emissions of greenhouse gases.

Current Text: Amended: 5/19/2022 [html](#) [pdf](#)

Current Analysis: 05/23/2022 [Senate Floor Analyses](#) (text 5/19/2022)

Last Amend: 5/19/2022

Status: 6/9/2022-Referred to Coms. on U. & E. and NAT. RES.

Location: 6/9/2022-A. U. & E.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Calendar: 6/22/2022 1:30 p.m. - State Capitol, Room 437 ASSEMBLY UTILITIES AND ENERGY, GARCIA, EDUARDO, Chair

Summary: Would create the California Clean Hydrogen Hub Fund within the State Treasury under the administration of the I-Bank. The bill would authorize the moneys in the fund, upon appropriation by the Legislature, to be used to provide grants for clean hydrogen projects developed in California, to match federal funds granted to a regional clean hydrogen hub, or to fund or match research grants that may be necessary to meet the goal of affordably producing hydrogen from renewable feedstock at scale. The bill would require the I-Bank to prepare, and the I-Bank board to approve, criteria, priorities, and guidelines for the provision of grants under the fund in line with specified priorities and requirements of the federal Infrastructure Investment and Jobs Act as well as specified state goals.

Position

Refer to ACE
Committee

SB 1078 (Allen D) Sea Level Rise Revolving Loan Pilot Program.

Current Text: Amended: 5/19/2022 [html](#) [pdf](#)

Current Analysis: 05/23/2022 [Senate Floor Analyses](#) (text 5/19/2022)

Last Amend: 5/19/2022

Status: 6/2/2022-Referred to Com. on NAT. RES.

Location: 6/2/2022-A. NAT. RES.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Calendar: 6/20/2022 2:30 p.m. - State Capitol, Room 447 ASSEMBLY NATURAL RESOURCES, RIVAS, LUZ, Chair

Summary: Would require the Ocean Protection Council, in consultation with the State Coastal Conservancy, to develop the Sea Level Rise Revolving Loan Pilot Program for purposes of providing low-interest loans to local jurisdictions, as defined, for the purchase of coastal properties in their jurisdictions identified as vulnerable coastal property, as defined, located in specified communities, including low-income communities, as provided. The bill would require the council, before January 1, 2024, in consultation with other state planning and coastal management agencies, as provided, to adopt guidelines and eligibility criteria for the program. The bill would authorize specified local jurisdictions to apply for, and be awarded, a low-interest loan under the program from the conservancy, in consultation with the council, if the local jurisdiction develops and submits to the conservancy a vulnerable coastal property plan and completes all other requirements imposed by the council. The bill would require the conservancy, in consultation with the council, to review the plans to determine whether they meet the required criteria and guidelines for vulnerable coastal properties to be eligible for participation in the program.

Position

Seek Info

SB 1109 (Caballero D) California Renewables Portfolio Standard Program: bioenergy projects.

Current Text: Amended: 5/19/2022 [html](#) [pdf](#)

Current Analysis: 05/23/2022 [Senate Floor Analyses](#) (text 5/19/2022)

Last Amend: 5/19/2022

Status: 6/9/2022-Referred to Com. on U. & E.

Location: 6/9/2022-A. U. & E.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Calendar: 6/29/2022 1:30 p.m. - State Capitol, Room 444 ASSEMBLY UTILITIES AND ENERGY, GARCIA, EDUARDO, Chair

Summary: Current law requires electrical corporations, by December 1, 2016, to collectively procure, through financial commitments of 5 years, their proportionate share of 125 megawatts of cumulative rated generating capacity from bioenergy projects commencing operation before June 1, 2013. This bill would extend the electrical corporations' obligation to collectively procure their proportionate share of 125 megawatts of cumulative rated generating capacity from bioenergy projects to December 31, 2023. The bill would revise the financial commitments by which electrical corporations collectively procure their proportionate share of the cumulative rated generating capacity to 5 to 15 years, inclusive. The bill would require any incremental procurement of electricity products from bioenergy resources by a new contract or contract extension of 10 years or longer in duration to be from a resource that meets emission limits equivalent to, or more stringent than, the best available retrofit control technology determined at the time of procurement.

Position

Seek Info

SB 1157 (Hertzberg D) Urban water use objectives: indoor residential water use.

Current Text: Introduced: 2/17/2022 [html](#) [pdf](#)

Current Analysis: 06/10/2022 [Assembly Water, Parks And Wildlife](#) (text 2/17/2022)

Status: 6/15/2022-From committee: Do pass as amended and re-refer to Com. on APPR. (Ayes 8. Noes 4.) (June 14).

Location: 6/14/2022-A. APPR.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Calendar: 6/16/2022 #12 ASSEMBLY SECOND READING FILE -- SENATE BILLS

Summary: Current law requires the Department of Water Resources, in coordination with the State Water Resources Control Board, and including collaboration with and input from stakeholders, to conduct necessary studies and investigations and authorizes the department and the board to jointly recommend to the Legislature a standard for indoor residential water use. Current law, until January 1, 2025, establishes 55 gallons per capita daily as the standard for indoor residential water use. Existing law establishes, beginning January 1, 2025, the greater of 52.5 gallons per capita daily or a standard recommended by the department and the board as the standard for indoor residential water use, and beginning January 1, 2030, establishes the greater of 50 gallons per capita daily or a standard recommended by the department and the board as the standard for indoor residential water use. This bill would eliminate the option of using the greater of 52.5 gallons per capita daily and the greater of 50 gallons per capita daily, as applicable, or a standard recommended by the department and the board as the standard for indoor residential water use.

Position

Neutral, As Amended

SB 1219 (Hurtado D) 21st century water laws and agencies: committee.

Current Text: Amended: 4/6/2022 [html](#) [pdf](#)

Current Analysis: 05/21/2022 [Senate Floor Analyses](#) (text 4/6/2022)

Last Amend: 4/6/2022

Status: 6/9/2022-June 14 set for first hearing canceled at the request of author.

Location: 6/2/2022-A. W.,P. & W.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Would require the Secretary of the Natural Resources Agency and the Secretary for Environmental Protection to convene a committee to develop and submit, on or before December 31, 2024, to the Governor and to the Legislature a strategic vision, proposed statutes, and recommendations for a modern 21st century set of water laws and regulations and state and local water agencies for the state, as provided. The committee would consist of 5 specified heads of state agencies, 2 members appointed by the Senate Committee on Rules, and 2 members appointed by the Speaker of the Assembly. The bill would require the Governor or the committee to appoint a "blue ribbon" citizen commission or taskforce, a stakeholder advisory committee, and any other group that the Governor or the committee deems necessary or desirable to assist in carrying out these provisions. The bill would require all relevant state agencies, at the request of the committee, to make available staff and resources to assist in the preparation of the strategic vision and proposed statutes.

Position

Watch

SB 1459 (Caballero D) State water policy.

Current Text: Introduced: 2/18/2022 [html](#) [pdf](#)

Status: 3/9/2022-Referred to Com. on RLS.

Location: 2/18/2022-S. RLS.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf.	Enrolled	Vetoed	Chaptered
1st House				2nd House				Conc.			

Summary: The Porter-Cologne Water Quality Control Act requires the State Water Resources Control Board to formulate and adopt state policy for water quality control. This bill would make nonsubstantive changes to that provision.

Position

Spot Bill

Total Measures: 37

Total Tracking Forms: 37

**Directors**

Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

Officers

Paul R. Eldredge
*General Manager/
District Engineer*

Karen W. Murphy
Attorney

**JUNE 27, 2022
BOARD OF DIRECTORS MEETING
AGENDA ITEM # 13**

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
06/04/2022-06/17/2022**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
180988	6/9/2022	114	800532.1	W.M. LYLES CO	MP - AERATION BASIN MODIFICATIONS	\$1,885,409.95	\$1,885,409.95
181062	6/16/2022		20220614	CITY OF UNION CITY	PERMIT: CAMPUS BUILDINGS (ADMIN, FMC, OPS)	\$476,598.11	\$476,598.11
181038	6/16/2022	143	800501.20	KIEWIT INFRASTRUCTURE WEST CO	ALVARADO INFLUENT PS PUMPS AND VFDS	\$176,177.10	\$176,177.10
181047	6/16/2022	143	220159	OVERAA	PRIMARY DIGESTER NO. 7	\$112,343.20	\$112,343.20
180989	6/9/2022	114	800532.1E	W.M. LYLES CO	MP - AERATION BASIN MODIFICATIONS - ESCROW PYMT	\$99,232.10	\$99,232.10
181031	6/16/2022	143	201180075	HAZEN AND SAWYER	PUMP STATION ASSET CONDITION ASSESSMENT	\$44,580.99	\$75,068.69
	6/16/2022	143	201180067		THERMAL DRYER FEASIBILITY STUDY	\$18,332.70	
	6/16/2022	143	201180094		HEADWORKS DEGRITTING STUDY	\$12,155.00	
181050	6/16/2022	114	184144	PSOMAS CORP	CAMPUS BUILDING	\$68,560.10	\$68,560.10
181028	6/16/2022	143	800494.6	GARNEY PACIFIC INC	EMERGENCY OUTFALL OUTLET IMPROVEMENTS	\$47,999.04	\$47,999.04
180931	6/9/2022	170	62936	ANCON SERVICES	CARBON VESSEL CHANGE OUT	\$28,883.47	\$28,883.47
181035	6/16/2022	170	227704	JM SQUARED ASSOCIATES INC	4 HI-TECH TORQUE MONITORS	\$22,273.00	\$22,273.00
181058	6/16/2022	143	222134	TANNER PACIFIC INC	ALVARADO INFLUENT PS PUMPS AND VFDS	\$19,052.50	\$19,052.50
180956	6/9/2022	150	201180085	HAZEN AND SAWYER	INTERIM CIP COACH SERVICES - APR 22	\$18,360.00	\$18,360.00
181007	6/16/2022		B05T37	BENEFIT COORDINATORS CORP	DELTA DENTAL CLAIMS - MAY 2022	\$16,546.18	\$16,546.18
180939	6/9/2022	143	23257	CAROLLO ENGINEERS	ALVARADO INFLUENT PS PUMPS AND VFDS	\$15,003.46	\$15,003.46

**UNION SANITARY DISTRICT
CHECK REGISTER
06/04/2022-06/17/2022**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
181070	6/16/2022		59390	WUNDERLICH-MALEC SYSTEMS INC	HISTORIAN DATA MIGRATION	\$10,120.50	\$13,480.50
	6/16/2022	173	59094		HISTORIAN DATA MIGRATION	\$3,360.00	
180945	6/9/2022	170	26630	CRANETECH INC	SERVICE: APS UPPER DRY WELL CHAIN HOIST REPAIRS	\$11,804.24	\$11,804.24
181045	6/16/2022	110	3000112202	OLIN CORPORATION	4807 GALS SODIUM HYPOCHLORITE	\$3,747.92	\$11,072.86
	6/16/2022	110	3000111163		4497.3 GALS SODIUM HYPOCHLORITE	\$3,506.46	
	6/16/2022	110	3000111164		4897.5 GALS SODIUM HYPOCHLORITE	\$3,818.48	
181027	6/16/2022	173	324134	CITY OF FREMONT	SACGISA	\$9,781.86	\$9,781.86
180959	6/9/2022		37432220220601	LINCOLN NATIONAL LIFE INS COMP	LIFE & DISABILITY INSURANCE - JUN 2022	\$9,338.49	\$9,338.49
181013	6/16/2022		20220615	STATE OF CALIFORNIA	SALES & USE TAX 05/01/22 - 06/30/2022	\$8,721.37	\$8,721.37
180979	6/9/2022	143	222074.14	TANNER PACIFIC INC	AERATION BLOWER 11 & CENTRIFUGE BLDG IMPROV	\$8,199.00	\$8,199.00
181060	6/16/2022		30304	TESLA MOTORS	REFUND # 42117	\$4,250.00	\$7,550.00
	6/16/2022		30307		REFUND # 43340	\$3,300.00	
181010	6/16/2022	143	11444702	BROWN & CALDWELL CONSULTANTS	COGEN REPLACEMENT & VENTILATION STUDY	\$7,264.90	\$7,264.90
180982	6/9/2022	170	6736	THORNTON ENVIRONMENTAL CONST	TLS 350 ANNUAL CERTIFICATION SERVICE 2022	\$6,817.15	\$6,817.15
180995	6/16/2022	143	2000619956	AECOM TECHNICAL SERVICES INC	CENTRIFUGE BUILDING IMPROVEMENTS	\$6,562.25	\$6,562.25
181004	6/16/2022	172	3400570	BEAMEX INC	CARE PLAN 05/25/2022 - 05/24/2025	\$6,435.00	\$6,435.00
181041	6/16/2022	170	40688527	MICRO MOTION INC	3 MICRO MOTION TERMINAL BLOCKS	\$6,306.10	\$6,306.10

**UNION SANITARY DISTRICT
CHECK REGISTER
06/04/2022-06/17/2022**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
180997	6/16/2022	120	4111994020220601	ALAMEDA COUNTY WATER DISTRICT	SERV TO: 05/31/22-MTR HYD B15000283	\$622.64	\$6,291.54
	6/16/2022	120	4111994220220601		SERV TO: 05/31/22-MTR HYD B16583492	\$676.47	
	6/16/2022	120	4111996820220601		SERV TO: 05/31/22-MTR HYD B19329007	\$732.64	
	6/16/2022	120	4111996920220601		SERV TO: 05/31/22-MTR HYD B29454468	\$1,004.84	
	6/16/2022	120	4111994420220601		SERV TO: 05/31/22-MTR HYD B18190913	\$649.56	
	6/16/2022	120	4111994120220601		SERV TO: 05/31/22-MTR HYD B16583493	\$1,343.96	
	6/16/2022	120	4111993720220601		SERV TO: 05/31/22-MTR HYD B34041339	\$633.40	
	6/16/2022	120	4111994320220601		SERV TO: 05/31/22-MTR HYD B15072357	\$628.03	
181049	6/16/2022	110	1643076	POLYDYNE INC	41,360 LBS CLARIFLOC WE-539	\$6,165.52	\$6,165.52
181048	6/16/2022	143	220159E	OVERAA	PRIMARY DIGESTER NO. 7 - ESCROW PYMT	\$5,912.80	\$5,912.80
181011	6/16/2022	150	285316	BURKE, WILLIAMS & SORENSON LLP	STANDBY POWER PROJECT - APR 2022	\$299.52	\$5,790.72
	6/16/2022	150	285314		FORCE MAIN RELOCATION - APR 2022	\$199.68	
	6/16/2022	150	285312		GENERAL LEGAL - APR 2022	\$4,093.44	
	6/16/2022	150	285318		ETSU - APR 2022	\$1,198.08	
181006	6/16/2022	143	52245	BEECHER ENGINEERING	SWITHBOARD NO 3 & MCC NO 25 REPLACEMENT	\$4,830.00	\$4,830.00
181009	6/16/2022	121	245203	BRENNTAG PACIFIC INC	2552 LBS SODIUM HYDROXIDE	\$1,569.33	\$4,693.82
	6/16/2022	121	245204		5104 LBS SODIUM HYDROXIDE	\$3,124.49	
180978	6/9/2022	110	9221324	SWRCB - STATE WATER RESOURCES	ELAP ANNUAL FEE	\$4,250.00	\$4,250.00
180971	6/9/2022	111	106477	PIIAN SYSTEMS LLC	6 5-GAL ODOR NEUTRALIZERS	\$4,183.59	\$4,183.59

**UNION SANITARY DISTRICT
CHECK REGISTER
06/04/2022-06/17/2022**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
181039	6/16/2022	113	2205B83	MCCAMPBELL ANALYTICAL	LAB SAMPLE ANALYSIS	\$76.00	\$3,989.00
	6/16/2022	113	2205D17		LAB SAMPLE ANALYSIS	\$207.00	
	6/16/2022	113	2205577A		LAB SAMPLE ANALYSIS	\$15.00	
	6/16/2022	113	2205756		LAB SAMPLE ANALYSIS	\$898.00	
	6/16/2022	113	2204943A		LAB SAMPLE ANALYSIS	\$85.00	
	6/16/2022	113	2205763		LAB SAMPLE ANALYSIS	\$1,501.00	
	6/16/2022	113	2205577		LAB SAMPLE ANALYSIS	\$836.00	
	6/16/2022	113	2205D18		LAB SAMPLE ANALYSIS	\$297.00	
	6/16/2022	113	2205B80		LAB SAMPLE ANALYSIS	\$74.00	
181042	6/16/2022	123	1065100	MISSION COMMUNICATIONS LLC	ANNUAL MANHOLE MONITOR SERVICE PACKAGE RNWL	\$3,909.45	\$3,909.45
180933	6/9/2022		18230350	AT&T	SERV: 04/20/22 - 05/19/22	\$3,598.66	\$3,851.09
	6/9/2022		18230372		SERV: 04/20/22 - 05/19/22	\$230.00	
	6/9/2022		18230348		SERV: 04/20/22 - 05/19/22	\$22.43	
180948	6/9/2022	170	248983	FRANK A OLSEN COMPANY	1 THICKENER 3 SCUM FLUSH ROTORK	\$2,096.96	\$3,749.82
	6/9/2022	170	248977		6 AMOT ISOLATION BUTTERFLY VALVES	\$1,652.86	
181046	6/16/2022	110	3000113213	OLIN CORPORATION	4796.3 GALS SODIUM HYPOCHLORITE	\$3,739.58	\$3,739.58

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181029	6/16/2022	170	9307281478	GRAINGER INC	ASTD PARTS & MATERIALS	\$93.82	\$3,679.77
	6/16/2022	122	9304927453		ASTD PARTS & MATERIALS	\$680.42	
	6/16/2022	170	9310690079		ASTD PARTS & MATERIALS	\$45.95	
	6/16/2022		9304397996		ASTD PARTS & MATERIALS	\$177.68	
	6/16/2022	122	9307407552		ASTD PARTS & MATERIALS	\$81.71	
	6/16/2022	120	9296489744		ASTD PARTS & MATERIALS	\$15.48	
	6/16/2022		9300343358		ASTD PARTS & MATERIALS	\$1,390.30	
	6/16/2022	144	9302962726		ASTD PARTS & MATERIALS	\$64.28	
	6/16/2022		9309484633		ASTD PARTS & MATERIALS	\$1,130.13	
180985	6/9/2022		9906994680	VERIZON WIRELESS	WIRELESS SERV 04/21/22-05/20/22	\$3,132.82	\$3,607.74
	6/9/2022		9906994679		WIRELESS SERV 04/21/22-05/20/22	\$474.92	
180968	6/9/2022	110	3000110044	OLIN CORPORATION	4502 GALS SODIUM HYPOCHLORITE	\$3,510.12	\$3,510.12
180935	6/9/2022	121	25881	BAYSCAPE LANDSCAPE MANAGEMENT	LANDSCAPE MAINTENANCE SERVICES - MAY 2022	\$3,310.00	\$3,310.00
181063	6/16/2022	111	50271951	UNIVAR SOLUTIONS USA INC	5500 LBS HYDROCHLORIC ACID	\$3,167.45	\$3,167.45
180999	6/16/2022	130	16305644	APPLEONE EMPLOYMENT SVCS	TEMP LABOR-DZOAN.T , WK END 05/14/22	\$1,538.69	\$3,149.11
	6/16/2022	130	16316032		TEMP LABOR-DZOAN.T , WK END 05/21/22	\$1,610.42	
180937	6/9/2022	143	11443831	BROWN & CALDWELL CONSULTANTS	EMERGENCY OUTFALL OUTLET IMPROVEMENTS	\$3,145.34	\$3,145.34
180972	6/9/2022	120	916004928280	REPUBLIC SERVICES #916	RECYCLE & ROLL OFF - JUN 2022	\$3,098.96	\$3,098.96
180929	6/9/2022	171	2000625397	AECOM TECHNICAL SERVICES INC	HAZMAT CONSULTING SERVICES	\$2,934.50	\$2,934.50

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181033	6/16/2022		511	IMPERIAL INVESTMENTS & DEVELOP	REFUND # 39959	\$2,895.00	\$2,895.00
181044	6/16/2022		9229.1	NORTH LANE VENTURES LLC	REFUND # 46600	\$2,800.00	\$2,800.00
181040	6/16/2022		78745415	MCMASTER SUPPLY INC	ASTD PARTS & MATERIALS	\$802.15	\$2,694.11
	6/16/2022	170	79685784		ASTD PARTS & MATERIALS	\$777.39	
	6/16/2022	170	79380671		ASTD PARTS & MATERIALS	\$379.71	
	6/16/2022	170	79532659		ASTD PARTS & MATERIALS	\$546.96	
	6/16/2022	170	79382688		ASTD PARTS & MATERIALS	\$187.90	
180946	6/9/2022		30518	NICHOLAS DEVINE	REFUND # 46584	\$2,500.00	\$2,500.00
180973	6/9/2022		33719	ROOTER HERO	REFUND # 46585	\$2,500.00	\$2,500.00
180967	6/9/2022	170	138131	NEW IMAGE LANDSCAPING CO	LANDSCAPE MAINTENANCE - FMC - MAY	\$2,469.17	\$2,469.17
180976	6/9/2022	132	49102	SLOAN SAKAI YEUNG & WONG LLP	SPECIAL COUNSEL SERVICES	\$2,411.50	\$2,411.50
180992	6/9/2022	144	204037	WOODARD & CURRAN INC	PRETREATMENT CONSULTING SERVICES	\$471.25	\$2,321.25
	6/9/2022	143	204207		IRVINGTON BASIN RCP REHABILITATION	\$1,850.00	
181000	6/16/2022		2591030441	ARAMARK	ASTD DUST MOPS, WET MOPS & TERRY	\$59.06	\$2,118.27
	6/16/2022		2591030455		UNIFORM LAUNDERING & RUGS	\$668.30	
	6/16/2022		2591030475		UNIFORM LAUNDERING SERVICE	\$1,390.91	
181024	6/16/2022		434035	DALE HARDWARE INC	MISC HARDWARE	\$284.22	\$2,013.58
	6/16/2022		20220525		05/22 - ASTD PARTS & MATERIALS	\$1,729.36	
180951	6/9/2022	122	1841096920	GOODYEAR COMM TIRE & SERV CTRS	2 TIRES	\$1,958.82	\$1,958.82

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181034	6/16/2022	141	GNBY532	IRON MOUNTAIN	OFF-SITE STORAGE AND SERVICE - MAY 22	\$1,756.64	\$1,756.64
181014	6/16/2022	113	633445	CALTEST ANALYTICAL LABORATORY	2 LAB SAMPLE ANALYSIS	\$125.40	\$1,450.85
	6/16/2022	113	633339		16 LAB SAMPLE ANALYSIS	\$1,325.45	
181053	6/16/2022	170	71948464	ROSEMOUNT MEASUREMENT INC	DIGESTER 7 CONNECTION HEADS	\$1,440.29	\$1,440.29
180961	6/9/2022	170	79128142	MCMASTER SUPPLY INC	ASTD PARTS & MATERIALS	\$79.43	\$1,339.35
	6/9/2022	170	79279380		ASTD PARTS & MATERIALS	\$80.22	
	6/9/2022	170	78747821		ASTD PARTS & MATERIALS	\$16.17	
	6/9/2022	170	78961973		ASTD PARTS & MATERIALS	\$51.05	
	6/9/2022	170	78807107		ASTD PARTS & MATERIALS	\$305.92	
	6/9/2022	170	79286983		ASTD PARTS & MATERIALS	\$123.10	
	6/9/2022		79271207		ASTD PARTS & MATERIALS	\$490.82	
	6/9/2022	170	79216865		ASTD PARTS & MATERIALS	\$80.22	
	6/9/2022	170	78897649		ASTD PARTS & MATERIALS	\$32.75	
	6/9/2022	170	79217315		ASTD PARTS & MATERIALS	\$79.67	
181055	6/16/2022	132	2516847924	SAFETY CENTER INC	TRAFFIC FLAGGING REFRESHER TRAINING	\$1,300.00	\$1,300.00
180990	6/9/2022	143	2049299	WEST YOST ASSOCIATES	FORCE MAIN CORROSION REPAIRS PROJECT PHASE 3	\$1,288.00	\$1,288.00
181022	6/16/2022	170	20220525	COMMUNICATION & CONTROL INC	UTILITY FEE/ANTENNA RENTAL	\$1,181.07	\$1,181.07
180998	6/16/2022		5269370	ALL INDUSTRIAL ELECTRIC SUPPLY	2 EMERGENCY LIGHTS	\$1,176.49	\$1,176.49
180966	6/9/2022	123	170309	MUNICIPAL MAINT EQUIPMENT INC	5 FLAT SAW BLADES	\$1,143.79	\$1,143.79

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181037	6/16/2022	110	2002792222	KELLY SERVICES INC	TEMP LABOR-JANES, O. WK ENDING 05/22/22	\$1,039.50	\$1,039.50
181054	6/16/2022	110	22052418	S&S TRUCKING	GRIT HAULING 05/18/2022	\$1,029.27	\$1,029.27
180994	6/16/2022	173	2205061	ABTECH TECHNOLOGIES INC	EXPAND CCTV BU CAPACITY	\$1,015.28	\$1,015.28
181002	6/16/2022	173	522636	AVERTIUM LLC	VULNERABILITY SCAN SUBSCRIPTION - MAY 2022	\$845.00	\$845.00
181059	6/16/2022		21956	TESLA INC	REFUND # 33342	\$800.00	\$800.00
181001	6/16/2022		18343259	AT&T	SERV: 05/13/22 - 06/12/22	\$753.66	\$797.09
	6/16/2022		18343261		SERV: 05/13/22 - 06/12/22	\$43.43	
180960	6/9/2022		5356917	MALLORY SAFETY AND SUPPLY LLC	ASTD CAL GAS	\$793.81	\$793.81
181018	6/16/2022	143	20220531	RAYMOND CHAU	EXP REIMB: CIP TEAM SAFETY STRATEGY RECOGNITION	\$760.00	\$760.00
180932	6/9/2022		2591027583	ARAMARK	UNIFORM LAUNDERING & RUGS	\$315.61	\$740.07
	6/9/2022		2591027601		UNIFORM LAUNDERING SERVICE	\$424.46	
180954	6/9/2022	170	39295	HAYWARD PIPE AND SUPPLY	ASTD PARTS & MATERIALS	\$737.61	\$737.61
180936	6/9/2022	120	17123091	BLAISDELL'S	ASTD OFFICE SUPPLIES	\$9.33	\$735.45
	6/9/2022	141	17127680		ASTD OFFICE SUPPLIES	\$175.86	
	6/9/2022	120	17132170		ASTD OFFICE SUPPLIES	\$515.46	
	6/9/2022	120	17123090		ASTD OFFICE SUPPLIES	\$34.80	
181019	6/16/2022		33768	PRADEEP CHIKKU	REFUND # 46606	\$700.00	\$700.00
180944	6/9/2022	111	20220608	MITCHELL COSTELLO	EXP REIMB: GAS GRILL	\$650.99	\$650.99
180964	6/9/2022	132	2550	MOBILE HEALTH DIAGNOSTICS, LLC	AUDIOMETRIC AND RESPIRATOR TESTING	\$640.00	\$640.00

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181003	6/16/2022	170	154757	BABBITT BEARING CO INC	PC #3 BEARING SHAFT REPAIR	\$574.69	\$574.69
181036	6/16/2022	170	541562	KAMAN INDUSTRIAL TECHNOLOGIES	ASTD PARTS & MATERIALS	\$506.40	\$566.13
	6/16/2022	170	556460		ASTD PARTS & MATERIALS	\$59.73	
181067	6/16/2022		8808549860	VWR INTERNATIONAL LLC	LAB SUPPLIES	\$106.65	\$557.73
	6/16/2022	113	8808601749		LAB SUPPLIES	\$451.08	
181032	6/16/2022		604751136	HILLYARD/SAN FRANCISCO	ASTD JANITORIAL SUPPLIES	\$553.68	\$553.68
180987	6/9/2022	113	8808560466	VWR INTERNATIONAL LLC	LAB SUPPLIES	\$236.54	\$544.15
	6/9/2022		8808546088		LAB SUPPLIES	\$106.65	
	6/9/2022	113	8808555406		LAB SUPPLIES	\$53.12	
	6/9/2022	113	8808560465		LAB SUPPLIES	\$110.99	
	6/9/2022	113	8808546089		LAB SUPPLIES	\$36.85	
181069	6/16/2022	144	204520	WOODARD & CURRAN INC	PRETREATMENT CONSULTING SERVICES	\$515.00	\$515.00
180993	6/9/2022		30568	ERIC YANG	REFUND # 46590	\$500.00	\$500.00
181052	6/16/2022		33753	ROOTER HERO	REFUND # 46595	\$500.00	\$500.00
181065	6/16/2022		18856	VENKATA RAMAKANTH VASAMSETTI	REFUND # 46598	\$500.00	\$500.00
181068	6/16/2022		30392	FRANK FUNGKI WONG	REFUND # 46596	\$500.00	\$500.00
181015	6/16/2022	173	6000704165	CANON SOLUTIONS AMERICA INC	MTHLY MAINTENANCE BASED ON USE	\$497.03	\$497.03
180974	6/9/2022	122	1818691587	SAFELITE GLASS CORPORATION	REPLACE WINDSHIELD P8370	\$424.98	\$424.98

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180941	6/9/2022	121	1903053639	CINTAS CORPORATION	3 SUMMER SAFETY JACKETS FOR ISAIAH CAETANO	\$326.10	\$416.12
	6/9/2022	172	1903040430		2 JACKETS FOR COLEMAN	\$90.02	
180963	6/9/2022	113	655058209	METTLER-TOLEDO INC	ANALYTICAL BALANCE XPR204	\$384.19	\$384.19
181030	6/16/2022		3R4679	HARRINGTON INDUSTRIAL PLASTICS	ASTD PVC PARTS & MATERIALS	\$175.24	\$382.18
	6/16/2022		3R4413		ASTD PVC PARTS & MATERIALS	\$206.94	
181008	6/16/2022	110	17140910	BLAISDELL'S	ASTD OFFICE SUPPLIES	\$9.94	\$370.39
	6/16/2022	110	17140911		ASTD OFFICE SUPPLIES	\$360.45	
180984	6/9/2022	136	98XW53212	UPS - UNITED PARCEL SERVICE	SHIPPING CHARGES W/E 05/21/22	\$293.32	\$329.32
	6/9/2022	136	98XW53202		SHIPPING CHARGES W/E 05/14/22	\$36.00	
181026	6/16/2022	170	213979	FERGUSON WELDING SERVICE INC	LABOR & MATERIALS - FACEPLATE	\$324.50	\$324.50
180950	6/9/2022	144	4089213002	GLACIER ICE COMPANY INC	152 7-LB BAGS OF ICE	\$319.45	\$319.45
180969	6/9/2022	132	2202573	OPTIMUM TECHNOLOGIES LLC	AT HOME EMPLOYEE PORTAL	\$319.00	\$319.00
181016	6/16/2022	173	6000705109	CANON SOLUTIONS AMERICA INC	MTHLY MAINTENANCE BASED ON USE	\$315.90	\$315.90
180996	6/16/2022	111	9126278489	AIRGAS NCN	2 LANYARDS	\$309.56	\$309.56
181061	6/16/2022	123	108043	TRI-SIGNAL INTEGRATION INC	FIRE PROTECTION SERVICE - REPAIR EXT HORN	\$305.00	\$305.00
180943	6/9/2022	173	30602460	CORELOGIC INFORMATION SOLUTION	REALQUEST 12 MONTH SERVICE	\$300.00	\$300.00
180965	6/9/2022	122	8320712	MOTION & FLOW CONTROL PRODUCTS	ASTD PARTS & MATERIALS	\$283.18	\$283.18
180970	6/9/2022		29610777	PAN PACIFIC SUPPLY COMPANY	1 BUSHING RESTRICTOR	\$276.44	\$276.44
180957	6/9/2022	122	604747206	HILLYARD/SAN FRANCISCO	ASTD JANITORIAL SUPPLIES	\$258.26	\$258.26

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180958	6/9/2022	173	6061419	INTRADO LIFE & SAFETY INC	E911 ANNUAL SUBSCRIPTION	\$250.00	\$250.00
180947	6/9/2022	113	2856663	FISHER SCIENTIFIC	LAB SUPPLIES	\$231.47	\$231.47
181005	6/16/2022	172	25593800	BECK'S SHOES	SAFETY SHOES: J. COLEMAN	\$225.00	\$225.00
180983	6/9/2022	141	433886	ULTRAEX LLC	COURIER SVCS: 4 BOARDMEMBER DELIVERY - 05/10/22	\$221.17	\$221.17
181023	6/16/2022	110	20220610	MITCHELL COSTELLO	EXP REIMB: TPO RECOGNITION	\$211.35	\$211.35
181020	6/16/2022		1531987	COGENT SOLUTIONS & SUPPLIES	4 CS COMPOSTABLE UTENSILS	\$208.07	\$208.07
180942	6/9/2022		1532793	COGENT SOLUTIONS & SUPPLIES	3 CS COMPOSTABLE UTENSILS	\$190.18	\$190.18
181056	6/16/2022		20220526	JENNIFER SIO-KWOK	EXP REIMB: LEADERSHIP SCHOOL LUNCH	\$181.46	\$181.46
180986	6/9/2022	111	20220602	KAHOU VONG	EXP REIMB: TEAM SAFETY RECOGNITION	\$180.00	\$180.00
180980	6/9/2022		419830798	TERMINIX COMMERCIAL	PEST CONTROL	\$170.00	\$170.00
180930	6/9/2022	170	9125938114	AIRGAS NCN	ASTD PARTS & MATERIALS	\$144.38	\$144.38
181043	6/16/2022	170	2400139048	MOTION INDUSTRIES INC	ASTD PARTS & MATERIALS	\$144.37	\$144.37
181051	6/16/2022	170	454721	RKI INSTRUMENTS INC	ASTD PARTS & MATERIALS	\$99.68	\$142.87
	6/16/2022	170	454116		ASTD PARTS & MATERIALS	\$43.19	
181064	6/16/2022	136	98XW53222	UPS - UNITED PARCEL SERVICE	SHIPPING CHARGES W/E 05/28/22	\$141.26	\$141.26
181057	6/16/2022	141	20220531	SPOK INC	JUN 2022 PAGER SERVICE	\$134.09	\$134.09
180938	6/9/2022	113	633184	CALTEST ANALYTICAL LABORATORY	2 LAB SAMPLE ANALYSIS	\$125.40	\$125.40
181017	6/16/2022	150	20220614	MARK CARLSON	EXP REIMB: CELEBRATION DOUGHNUTS	\$118.46	\$118.46
181025	6/16/2022	114	776916839	FEDERAL EXPRESS CORPORATION	CAMPUS BUILDINGS (ADMIN, FMC, OPS)	\$110.52	\$110.52

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180934	6/9/2022	111	20220602	JEFFREY BARTON	EXP REIMB: TEAM SAFETY RECOGNITION	\$105.00	\$105.00
180981	6/9/2022		20220608	KAROLINE TERRAZAS	EXP REIMB: SNACKS FOR LEADERSHIP CLASS	\$97.49	\$97.49
180962	6/9/2022	120	20220608	TYLER MELLO	EXP REIMB: CDL PERMIT FEE	\$86.96	\$86.96
181012	6/16/2022	120	20220615	ISAIAH CAETANO	EXP REIMB: CDL PERMIT FEE	\$85.00	\$85.00
180955	6/9/2022	110	2432025	HAYWARD WATER SYSTEM	WATER SERV 03/14/22 - 05/12/22	\$74.95	\$74.95
180940	6/9/2022	122	327602	CENTERVILLE LOCKSMITH	ASTD KEYS & TAGS	\$73.67	\$73.67
180975	6/9/2022	170	85340220220520	SAN FRANCISCO WATER DEPT	SERVICE 04/20/2022 - 05/18/22	\$68.13	\$68.13
180977	6/9/2022	172	20220606	THOMAS SOLARI	EXP REIMB: MILEAGE FOR CALL-OUT	\$63.06	\$63.06
181066	6/16/2022		9907722224	VERIZON WIRELESS	WIRELESS SERV 05/02/22-06/01/22	\$58.46	\$58.46
180953	6/9/2022	144	279865	HANIGAN COMPANY INC	BUSINESS CARDS - A. DUTROW	\$41.78	\$41.78
180949	6/9/2022	171	20220606	CHRISTOPHER GABRIEL	EXP REIMB: MILEAGE FOR CALL-OUT	\$33.11	\$33.11
180952	6/9/2022	111	9299748484	GRAINGER INC	ASTD PARTS & MATERIALS	\$13.31	\$26.91
	6/9/2022	111	9302962734		ASTD PARTS & MATERIALS	\$13.60	
181021	6/16/2022	132	20220322	JUSTIN COLEMAN	REIMB LIVESCAN PRE-EMPLOYMENT	\$26.60	\$26.60
180991	6/9/2022	122	2729697001	WHCI PLUMBING SUPPLY CO	ASTD PARTS & MATERIALS	\$25.82	\$25.82

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Invoices:					Checks:		
Credit Memos :			0				
\$0 - \$1,000 :			133	37,782.21	\$0 - \$1,000 :	70	23,323.89
\$1,000 - \$10,000 :			64	209,752.81	\$1,000 - \$10,000 :	55	209,778.27
\$10,000 - \$100,000 :			14	432,903.28	\$10,000 - \$100,000 :	13	447,336.14
Over \$100,000 :			4	2,650,528.36	Over \$100,000 :	4	2,650,528.36
Total:			215	3,330,966.66	Total:	142	3,330,966.66

06272022



EXCLUSIVE: Here's how COVID is detected in wastewater throughout CA

By [Luz Pena](#)

Wednesday, June 15, 2022 1:18PM

PALO ALTO, Calif. (KGO) -- Silicon Valley runs on data and, when it comes to the next pandemic, scientists are looking in a place where everything was once considered waste until now.

Jaime Allen walked ABC7 News through the Palo Alto Regional Water Quality Control Plant. This facility serves over 200,000 people across the Bay Area, but since the pandemic they've been doing more than clean millions of gallons of wastewater a day. They are playing a key role in detecting COVID.

"A lot of people are using rapid tests at home and those tests results are not reported to the local health department. So, there is no way of them knowing how many people actually have COVID. Wastewater gives us a true picture," said Professor Alexandria Boehm, Stanford's Department of Civil and Environmental Engineering.

According to the CDC, "People infected with SARS-CoV-2 can shed the virus in their feces, even if they don't have symptoms." That's why this has become an effective indicator of COVID transmission.

There are two million copies of the virus in every gram of wastewater, but once it gets to wastewater plants it's dead and no longer infectious.

Since COVID is neutralized when it reaches wastewater facilities, plant operators can collect samples without the need of PPE.

At the Palo Alto site the collection begins around 3 p.m. The sample is later sealed and stored in a fridge.

In the meantime, a group of couriers are driving to wastewater plants throughout the state collecting samples.

One of the couriers is Saul Hernandez. He collects samples throughout Northern California for Dalmatiancouriers.inc.

All the samples end up at Verily.

"The first sample will come in looking something like this. A mixture of liquid and solid. What we do is spin it at a super high speed, many thousands of revolutions per minute, and what we get left is just the solid portion that we are going to use for testing," said Bradley White, lead scientist for the wastewater project at Verily.

Verily processes over 30 samples a day from across the country and 16 from California wastewater sites.

The process to detect how much COVID is in a community is meticulous. Surprisingly, it only requires one sample per plant and ".3 grams" of solid from that sample.

Luz Pena: "This data represents how many people? (Pointing to a sample)"

Bradley White: "It depends on the sewer-shed. Our largest sewer-shed in Los Angeles there are 4 million people contributing to that sewer-shed. We are able to gain this information about everyone in that sewer sheds from this small sample that we take."

The next step is to detach the virus from everything else.

"Those ball bearings physically disrupt the virus from the sample. So they'll free it up. Then the virus will also be encapsulated and that liquid that we put in breaks those encapsulations and frees the virus so we can detect it in the next process," said White.

One of the final steps lights up the sample that has COVID.

"If there is virus in there the droplet will floures. From there, we can infer how many people in our community have SARS-CoV-2," said White.

The entire process in the lab takes about 10 hours, including sequencing for

specific variants -- a fast operation that Verily's co-founder, Jessica Mega, says is key to give health departments enough time to respond before a surge.

"Wastewater gives us an early warning signal. We don't want to wait until people get sick. They then become symptomatic and then get tested. With wastewater you can get ahead of that. Understanding what is happening in the community, understanding which variants are more prevalent," said Jessica Mega MD, MPH, co-founder & Chief Medical & Scientific Officer at Verily.

Years before wastewater samples were processed at this scale, Stanford Professor Alexandria Boehm had the vision.

A team of research students started collecting wastewater samples from campus in early 2020.

That's now expanded to creating the Sewer Coronavirus Alert Network, a project that analyzes and releases data for 11 water treatment plants in California.

"We developed the measurement techniques and the technology and we needed to scale it, so that we could provide real time information," said Prof. Boehm and added, "We talk to the public health department pretty much on a daily basis."

This is how this team detected omicron more than a week before clinical samples confirmed the highly-transmissible variant in the Bay Area. Now they are focused on the next one.

"There is no more BA.1, which is the original omicron variant, and it's basically all BA.2, but we have now started to see BA.4 coming up in wastewater. We are watching that closely. If the levels increase and if it outcompetes BA.2," said Prof. Boehm.

Scientists are also using wastewater surveillance to detect other viruses in hopes to prevent future community outbreaks.