



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

**Monday, September 27, 2021**

**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**

Consistent with Executive Order No. N-08-21 from the Executive Department of the State of California, and Alameda County Health Officer Order No. 21-01a, the Monday, September 27, 2021, Regular Board Meeting will not be physically open to the public and all 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](mailto:assistanttogm@unionsanitary.ca.gov) 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](mailto: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: 827 6675 0409 #

Participant ID: #

Click the Zoom link below to watch and listen:

<https://us02web.zoom.us/j/82766750409>

	1.	Call to Order.
	2.	<del>Salute to the Flag.</del> (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 September 13, 2021.
Motion	5.	Approve Minutes of the Union Sanitary District Special Board Meeting of September 15, 2021.
Information	6.	August 2021 Monthly Operations Report <i>(to be reviewed by the Budget &amp; Finance and Legal/Community Affairs Committees)</i> .
	7.	Written Communications.
	8.	Public Comment. Public Comment is limited to three minutes per individual, with a maximum of 30 minutes per subject. If the comment relates to an agenda item, the speaker should address the Board at the time the item is considered. Speaker cards will be available in the Boardroom and are requested to be completed prior to the start of the meeting.
Motion	9.	Designate and Appoint Two Board Representatives to Ad Hoc Subcommittee on General Manager Contract Negotiations.
Motion	10.	Consider a Resolution to Accept a Sanitary Sewer Easement for Tract 8391 – Centerville Pioneer, Located on Bonde Way near Post Street, in the City of Fremont <i>(to be reviewed by the Legal/Community Affairs Committee)</i> .
Motion	11.	Consider a Resolution to Adopt a Revised Addendum to the Mitigated Negative Declaration for the Standby Power Generation System Upgrade Project and Approve Modifications to the Standby Power Generation System Upgrade Project as Set Forth in the Revised Addendum to the Mitigated Negative Declaration <i>(to be reviewed by the Engineering and Information Technology Committee)</i> .
Direction	12.	Receive Information and Provide Direction Regarding AB 361 and Recent Developments Regarding Teleconferenced Meetings and Approach to Future Meetings.
Information	13.	Status of Priority 1 Capital Improvement Program Projects <i>(to be reviewed by the Engineering and Information Technology Committee)</i> .
Information	14.	Fourth Quarterly Report on the Capital Improvement Program for FY21 <i>(to be reviewed by the Engineering and Information Technology Committee)</i> .
Information	15.	COVID-19 Update.
Information	16.	Check Register.

Information

17. Committee Meeting Reports. *(No Board action is taken at Committee meetings):*
  - a. Budget & Finance Committee – Wednesday, September 22, 2021, at 10:30 a.m.
    - Director Lathi and Director Toy
  - b. Engineering and Information Technology Committee – Friday, September 24, 2021, at 10:00 a.m.
    - Director Kite and Director Fernandez
  - c. Legal/Community Affairs Committee – Friday, September 24, 2021, at 11:00 a.m.
    - Director Lathi and Director Handley
  - d. Legislative Committee – will not meet.
  - e. Personnel Committee – will not meet.

Information

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18. General Manager's Report. *(Information on recent issues of interest to the Board).*
- 
19. Other Business:
    - a. Comments and questions. *Directors can share information relating to District business and are welcome to request information from staff.*
    - b. Scheduling matters for future consideration.
- 
20. Adjournment – The Board will adjourn to the General Manager's Evaluation Closed Session to be held virtually on Tuesday, October 5, 2021, at 4:00 p.m.
- 
21. Adjournment – The Board will then adjourn to the next Regular Board Meeting to be held virtually on Monday, October 11, 2021, at 4:00 p.m.
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The facilities at the District Offices are wheelchair accessible. Any attendee requiring special accommodations at the meeting should contact the General Manager's office at (510) 477-7503 at least 24 hours in advance of the meeting.



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

**AGENDA**

**Wednesday, September 22, 2021**  
**10:30 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*

Consistent with Executive Order No. N-08-21 from the Executive Department of the State of California, and Alameda County Health Officer Order No. 21-01a, 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 at [assistanttogm@unionsanitary.ca.gov](mailto: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 September 27, 2021:

- August 2021 Monthly Operations Report – Financial 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.
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**ENGINEERING AND INFORMATION TECHNOLOGY  
COMMITTEE MEETING**

Committee Members: Director Kite and Director Fernandez

**Directors**

Manny Fernandez  
Tom Handley  
Pat Kite  
Anjali Lathi  
Jennifer Toy

**Officers**

Paul R. Eldredge  
*General Manager/  
District Engineer*

Karen W. Murphy  
*Attorney*

**AGENDA**

**Friday, September 24, 2021**

**10:00 A.M.**

**Alvarado Conference Room**

**5072 Benson Road**

**Union City, CA 94587**

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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 September 27, 2021:
  - Consider a Resolution to Adopt a Revised Addendum to the Mitigated Negative Declaration for the Standby Power Generation System Upgrade Project and Approve Modifications to the Standby Power Generation System Upgrade Project as Set Forth in the Revised Addendum to the Mitigated Negative Declaration
  - Status of Priority 1 Capital Improvement Program Projects
  - Fourth Quarterly Report on the Capital Improvement Program for FY21
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 Lathi and Director Handley

### Directors

Manny Fernandez  
Tom Handley  
Pat Kite  
Anjali Lathi  
Jennifer Toy

### AGENDA

**Friday, September 24, 2021**

**11:00 A.M.**

**Alvarado Conference Room**

**5072 Benson Road**

**Union City, CA 94587**

### Officers

Paul R. Eldredge  
*General Manager/  
District Engineer*

Karen W. Murphy  
*Attorney*

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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 September 27, 2021:

- August 2021 Monthly Operations Report – Odor and Work Group Reports
- Consider a Resolution to Accept a Sanitary Sewer Easement for Tract 8391 – Centerville Pioneer, Located on Bonde Way near Post Street, in the City of Fremont

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  
September 13, 2021**

**Consistent with Executive Orders No. N-08-21 from the Executive Department of the State of California, and Alameda County Health Officer Order No. 21-01a, the Monday, September 13, 2021, Regular Board 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 Kite called the meeting to order at 4:00 p.m. The regular meeting time was modified due to the COVID-19 emergency.

**SALUTE TO THE FLAG**

**ROLL CALL**

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

STAFF: Paul Eldredge, General Manager/District Engineer  
Karen Murphy, District Counsel  
Mark Carlson, Business Services Manager/CFO  
Sami Ghossain, Technical Services Manager  
Armando Lopez, Treatment and Disposal Services Manager  
James Schofield, Collection Services Manager  
Robert Simonich, Fabrication, Maintenance, and Construction Manager  
Ric Pipkin, Enhanced Treatment and Site Upgrade Program Manager  
Jose Rodrigues, Collection Services Coach  
Marcus Lee, Treatment and Disposal Services Coach  
Karoline Terrazas, Organizational Support Manager  
Jason Yeates, Organizational Support Coordinator  
Regina McEvoy, Executive Assistant to the General Manager/Board Clerk

VISITORS: Monique Spyke, PFM Asset Management  
Grace Chow, Brown and Caldwell  
Mary Lou Romero, Brown and Caldwell

## **APPROVE MINUTES OF THE UNION SANITARY DISTRICT BOARD MEETING OF AUGUST 23, 2021**

It was moved by Secretary Fernandez, seconded by Vice President Lathi, to Approve the Minutes of the Board Meeting of August 23, 2021. Motion carried with the following vote:

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

## **FISCAL YEAR 2021 4<sup>TH</sup> QUARTER MANAGED INVESTMENT PORTFOLIO REPORT**

This item was reviewed by the Budget & Finance Committee. Business Services Manager Carlson introduced PFM Asset Management Managing Director Spyke who summarized the Investment Portfolio Report included in the Board meeting packet and responded to Boardmember questions.

## **WRITTEN COMMUNICATIONS**

There were no written communications.

## **PUBLIC COMMENT**

There was no public comment.

## **REVIEW AND CONSIDER APPROVAL OF PUBLICLY AVAILABLE PAY SCHEDULE FOR UNCLASSIFIED STAFF**

This item was reviewed by the Personnel Committee. General Manager Eldredge stated details of salary changes were outlined in the Board meeting packet. The raise given to Unclassified Staff was consistent with the raise previously given to Classified Staff. Staff recommended the Board approve the Publicly Available Pay Schedule for Unclassified Staff effective September 1, 2021

It was moved by Director Toy, seconded by Director Handley, to Approve the Publicly Available Pay Schedule for Unclassified Staff Effective September 1, 2021. Motion carried with the following vote:

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

## **APPROVE THE ADDITIONAL EXPENDITURE OF \$35,451 FOR THE FMC WATER TRUCK**

This item was reviewed by the Budget & Finance Committee. Collection Services Manager Schofield stated the Board initially authorized staff to spend up to \$125,000 for a new Water Truck as part of the Board's approval of the Fiscal Year 2022 (FY22) budget. The most recent estimate was \$160,451 for the total cost of the vehicle. The cost increase was due to the need for a larger pump and drive system to remove impacted grease more

efficiently from the Fremont basin as well as the new sales tax rate in the City of Union City. Staff recommended the Board authorize the General Manager to execute a purchase order in the amount of \$160,451 with Davidson Enterprises, Inc. for the purchase of a new Water Truck.

Director Handley requested staff provide additional information regarding wastewater characteristics changing in the Fremont basin between the Irvington and Newark Pump Stations.

It was moved by Secretary Fernandez, seconded by Director Handley, to Authorize the General Manager to Execute a Purchase Order in the Amount of \$160,451 with Davidson Enterprises, Inc. for the Purchase of a New Water Truck. Motion carried with the following vote:

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

**AUTHORIZE THE GENERAL MANAGER TO EXECUTE AMENDMENT NO. 3 TO TASK ORDER NO. 2 WITH BROWN AND CALDWELL FOR THE STANDBY POWER GENERATION SYSTEM UPGRADE PROJECT**

This item was reviewed by the Engineering and Information Technology Committee. Technical Services Manager Ghossain stated the purpose of Amendment No. 3 would be to authorize Brown and Caldwell to provide additional design services. Additional services will include revising the project plans and specifications to: change the connection of the new standby generators to the Plant's power system at the new service entrance switchgear, increase elevation of the new Standby Power Building's finished floor elevation to match the Campus Building design, and add provisions for future standby generator Tier 4 emissions abatement equipment. The scope of services and fee for Amendment No. 3 to Task Order No. 2 were also included in the Board meeting packet. The Project's major scope items will include installation of three new 2.5-MW standby engine generators, construction of a new prefabricated metal building sized to house the three new standby engine generators, and construction of exterior pad-mounted equipment such as transformers and aboveground diesel fuel storage tank. Staff anticipate Brown and Caldwell will complete design of the Project by October 2021 with construction to begin by the first quarter of 2022. Staff recommended the Board authorize the General Manager to execute Amendment No. 3 to Task Order No. 2 with Brown and Caldwell in the amount of \$176,176 for the Standby Power Generation System Upgrade Project.

It was moved by Secretary Fernandez, seconded by Vice President Lathi, to Authorize the General Manager to Execute Amendment No. 3 to Task Order No. 2 with Brown and Caldwell in the Amount of \$176,176 for the Standby Power Generation System Upgrade Project. Motion carried with the following vote:

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

ABSENT: None

**AUTHORIZE THE GENERAL MANAGER TO EXECUTE AN AGREEMENT AND TASK ORDER NO. 1 WITH BROWN AND CALDWELL FOR THE COGENERATION REPLACEMENT AND VENTILATION STUDY**

This item was reviewed by the Engineering and Information Technology Committee. Technical Services Manager Ghossain stated the purpose of Task Order No. 1 would be to authorize Brown and Caldwell to conduct a study of the existing cogeneration system at the Alvarado Wastewater Treatment Plant (AWTP). The study will review the operational and maintenance history of the cogeneration system, evaluate its cost effectiveness, develop short-term and long-term strategies to maximize use of the existing system, and recommend replacement engine-generator brands and their respective replacement phasing plans. The study will also review and evaluate the existing Cogeneration Building's ventilation system and recommend improvements to cool the engines and their electronics as well as reduce effects of the surrounding marine environment. Lastly, the study will evaluate fuel cell technology and provide a detailed review of its suitability as a cogeneration system at the AWTP. Staff recommended the Board authorize the General Manager to execute an agreement and Task Order No. 1 with Brown and Caldwell in the amount of \$141,987 for the Cogeneration Replacement and Ventilation Study.

It was moved by Secretary Fernandez, seconded by Director Handley, to Authorize the General Manager to Execute an Agreement and Task Order No. 1 with Brown and Caldwell in the Amount of \$141,987 for the Cogeneration Replacement and Ventilation Study. Motion carried with the following vote:

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

**RECEIVE INFORMATION AND PROVIDE DIRECTION REGARDING REVISED AND UPDATED OPERATIONAL EXCELLENCE BALANCED SCORECARD**

This item was reviewed by the Legal/Community Affairs Committee. Organizational Performance Manager Terrazas and Organizational Performance Coordinator Yeates stated the District has used the Balanced Scorecard as a strategic management tool to track performance of operational activities since 2007. Operational Excellence Balanced Scorecard metrics were updated to provide an improved representation of the District's performance and enhance transparency. An overview of improvements to the metrics was included in the Board meeting packet. Staff recommended the Board provide direction regarding the revised and updated Operational Excellence Balanced Scorecard.

The Board stated they were pleased with the new report and directed staff to implement for the next Balanced Scorecard presentation.

## **INFORMATION ITEMS:**

### **Annual Report to Union City Fiscal Year 2021**

This item was reviewed by the Legislative Committee. Treatment and Disposal Services Manager Lopez stated Union City Use Permit UP-4-95 requires the District to annually submit a report to the City Manager's office. The purpose of the report is to document existing wastewater treatment plant flow, provide a projection of plant flow for the upcoming year, review compliance with effluent discharge limits, and provide a status report on progress made in development of any new treatment facilities outside Union City limits.

### **Report on the East Bay Dischargers Authority Meeting of July 15, 2021**

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

### **COVID-19 Update**

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

### **Check Register**

Staff responded to Boardmember questions regarding the check register.

## **COMMITTEE MEETING REPORTS:**

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

## **GENERAL MANAGER'S REPORT:**

- Assemblymember Lee visited the District and toured the Plant with General Manager Eldredge.
- The General Manager's Check-in Board Workshop will be held at 4:00 p.m. on Wednesday, September 15, 2021.

## **OTHER BUSINESS:**

Director Toy stated she attended the Alameda County Special Districts Association meeting held September 8, 2021.

## **ADJOURNMENT:**

The meeting was adjourned at 5:00 p.m. to the General Manager's Check-in Board Workshop to be held virtually on Wednesday, September 15, 2021, at 4:00 p.m.

SUBMITTED:

ATTEST:

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REGINA McEVOY  
BOARD CLERK

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MANNY FERNANDEZ  
SECRETARY

APPROVED:

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PAT KITE  
PRESIDENT

Adopted this 27<sup>th</sup> day of September 2021



**MINUTES OF THE SPECIAL MEETING OF THE  
BOARD OF DIRECTORS OF  
UNION SANITARY DISTRICT  
September 15, 2021**

**Consistent with Executive Order No. N-08-21 from the Executive Department of the State of California, and Alameda County Health Officer Order No. 21-01a, the District's September 15, 2021, Special Meeting was not physically open to the public. In order to maximize public safety while still maintaining transparency, members of the public were able to attend the public portion of the meeting telephonically.**

**CALL TO ORDER**

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

**ROLL CALL**

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

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

**PUBLIC COMMENT**

There was no public comment.

**BOARD WORKSHOP**

General Manager Eldredge presented information regarding current and upcoming District activities.

**ADJOURNMENT:**

The special meeting was adjourned at approximately 5:41 p.m. to the next Regular Meeting on Monday, September 27, 2021, at 4:00 p.m.

SUBMITTED:

ATTEST:

\_\_\_\_\_  
REGINA McEVOY  
BOARD CLERK

\_\_\_\_\_  
MANNY FERNANDEZ  
SECRETARY

APPROVED:

\_\_\_\_\_  
PAT KITE  
PRESIDENT

Adopted this 27<sup>th</sup> day of September, 2021



**Directors**  
Manny Fernandez  
Tom Handley  
Pat Kite  
Anjali Lathi  
Jennifer Toy

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

Karen W. Murphy  
*Attorney*

**SEPTEMBER 27, 2021  
BOARD OF DIRECTORS MEETING  
AGENDA ITEM # 6**

**TITLE:** Monthly Operations Report for August 2021 *(This is an Information Item)*

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

**Recommendation**

Information only.

**Previous Board Action**

None

**Background**

Attached are Monthly Operations Reports for August 2021. Staff is available to answer questions regarding information contained in the report.

**Work Group Managers**

General Manager/Administration	Paul Eldredge	GM
Business Services/CFO	Mark Carlson	BS
Collection Services	James Schofield	CS
Technical Support	Sami Ghossain	TS
Treatment and Disposal Services	Armando Lopez	T&D
Fabrication, Maintenance, and Construction	Robert Simonich	FMC

**ODOR COMPLAINTS:**

During the month of August 2021, there were two odor complaints received by the District. Details of the odor complaints can be found in the August 2021 Odor Report in the Board meeting packet.

**STAFFING & PERSONNEL:****Completed Recruitments Resulting in Promotions:**

- Customer Service Fee Analyst – replacement for Theresa Vasquez – Liz LeDoan – Promotion 8/16/2021.

**Other Completed Recruitments:**

- Plant Operation III Trainee – Limited Duration. Negin Tootian date of hire 8/30/2021.

**Recruitments Opened:**

- Engineering Technician I/II – replacement for Mohammad Ghoury – resignation 8/5/2021.
- Administrative Specialist I – replacement for Liz LeDoan – promotion 8/16/2021

**Continuing Recruitments:**

- Collection Services Workgroup Manager – replacement for James Schofield – retirement 10/22/2021.

**Separations:**

- Mohammad Ghoury – Resignation 8/5/2021.
- Todd Jacob – Retirement – last day at work 8/27/2021 (actual retirement date 11/15/2021.)

**Attachments:** Odor Report and Map  
Hours Worked and Leave Time by Work Group  
Business Services  
Technical Services  
Collection Services  
Fabrication, Maintenance, and Construction  
Treatment and Disposal Services



**Legend**

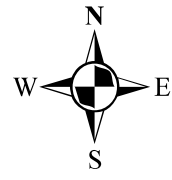
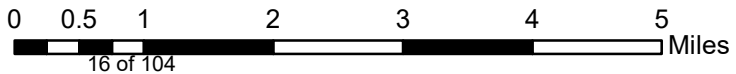
**Odor Complaints: August 2021**

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

**Odor Complaints: Sep. 2020 to Jul. 2021**

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

**Location of Odor Reports  
September 2020 to August 2021**





## ODOR REPORT

### August 2021

During the recording period from August 01, 2021 through August 31, 2021, there were two odor related service requests received by the District.

#### **City: Fremont**

1.

##### **Complaint Details:**

*Date: 8/13/21*

*Location: ROCKWOOD DR*

*Wind (from): North West*

*Temperature: 64 F*

*Time: 8:22 am*

*Reported By: Anonymous Caller*

*Wind Speed: 5mph*

*Weather: Sunny*

##### **Response and Follow-up:**

A report of an odor was shared with the Collection Services Coach, Shawn Nesgis. USD staff was dispatched to investigate the odor. Upon arrival, no odor was present. USD staff inspected the USD main, nearby storm drains, and checked readings with a gas detector. They additionally tried to make contact with the resident, but there was no answer at the residence.

At this time, no further follow up is needed. No odor was detected.

#### **City: Fremont**

2.

##### **Complaint Details:**

*Date: 8/31/21*

*Location: STEVENSON BL*

*Wind (from): West*

*Temperature: 79 F*

*Time: 8:45 am*

*Reported By: Matt Holand*

*Wind Speed: <5mph*

*Weather: Sunny*

##### **Response and Follow-up:**

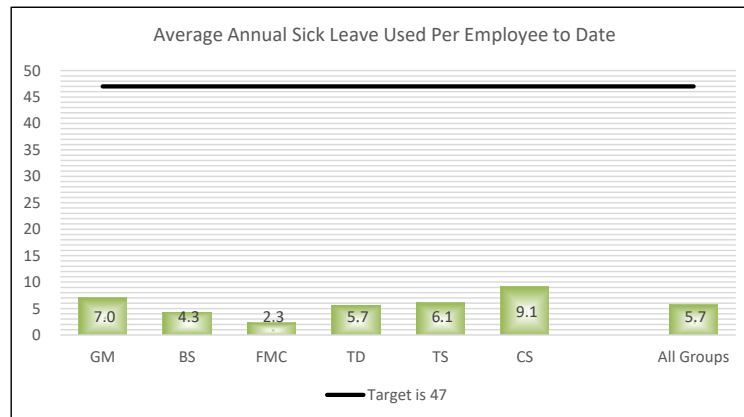
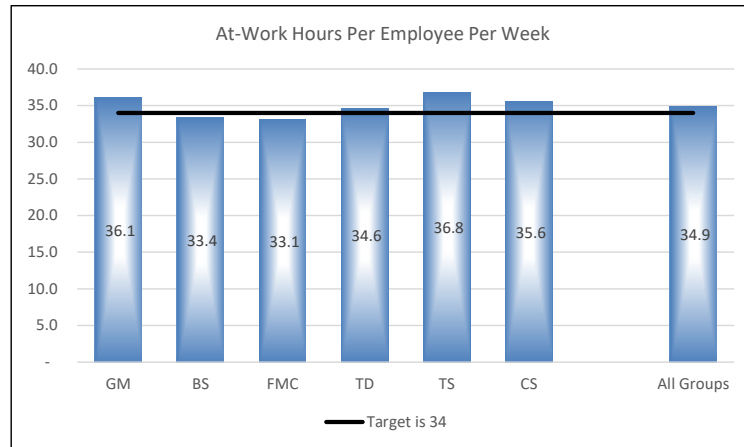
USD staff responded to a report of a foul odor outside of a commercial building. No odor was detected upon arrival. USD staff conducted a routine inspection of the area. The nearby manholes and storm drain inlets were inspected; everything appeared to be flowing normal. Large amount of garbage was seen in the area, as well as a pile of bark in parking spot.

No odor found. Info shared with reporting party.

## HOURS WORKED AND LEAVE TIME BY WORK GROUP

June 24, 2021 through August 18, 2021

Weeks to Date: 8 out of 52 (15.4%)



### NOTES

(1) Regular hours does not include hours worked by part-time or temporary employees.

(2) Overtime hours includes call outs.

(3) Discretionary Leave includes Vacation, HEC, Holiday, MAL, Funeral, Jury Duty, Military, OT Banked Use, Paid Admin., AWHIP, VRIP, Holiday Banked Use leaves.

(4) Sick Leave includes sick and catastrophic sick leaves as well as protected time off, of which the District has no discretion.

(5) Families First Coronavirus Response Act (FFCRA) - Emergency Paid Sick Leave (EPSL) and Paid Expanded Family Medical Leave Act (Paid EFMLA)

An employee using 15 vacation, 11 holiday, 2 HEC, and 5 sick days will work an average of 34.9 hours per week over the course of a year; with 20 vacation days, 34.2 hours per week.

# **HOURS WORKED AND LEAVE TIME BY WORK GROUP**

**June 24, 2021 through August 18, 2021**

**Weeks to Date: 8 out of 52 (15.4%)**

Group	Average Number of Employees	AT-WORK HOURS		At-Work Hours Per Employee Per Week	LEAVE HOURS						Average Annual Sick Leave Used Per Employee To Date	FY20		
		Regular (1)	Overtime (2)		Discretionary (3)	Short Term Disability	Workers Comp	Sick (4)	FFCRA Paid Leave (5)	CA SB95 Paid Leave (6)		Average Number of Employees	At-Work Hours Per Week Per Employee	Annual Sick Leave Used
GM	2	566.00	0.50	36.1	60.00	-	-	14.00	-	-	7.0	2	34.9	35.9
BS	18	4,588.00	130.67	33.4	687.25	-	246.50	77.25	-	1.00	4.3	17	36.6	36.8
FMC	27	7,021.00	9.50	33.1	4,336.75	43.00	2.00	62.25	-	13.00	2.3	28	34.2	33.0
TD	31	8,332.17	100.83	34.6	1,284.25	97.29	1.33	175.46	-	61.50	5.7	27	35.4	48.8
TS	31	8,958.00	15.67	36.8	892.57	-	-	189.44	-	-	6.1	33	35.0	48.5
CS	31	8,285.40	380.89	35.6	1,308.25	15.55	-	282.80	-	28.00	9.1	31	33.9	91.2
<b>All Groups</b>	<b>140</b>	<b>37,750.57</b>	<b>638.06</b>	<b>34.9</b>	<b>8,569.07</b>	<b>155.84</b>	<b>249.83</b>	<b>801.20</b>	<b>-</b>	<b>103.50</b>	<b>5.7</b>	<b>138</b>	<b>35.1</b>	<b>50.5</b>

## **SICK LEAVE INCENTIVE PROGRAM TARGETS**

**≥34**

**≤47**

*The Sick Leave Incentive Program target goals are 47 or less hours of sick leave per employee annually, and 34 or more hours of at-work time per week per employee.*

## **NOTES**

(1) Regular hours does not include hours worked by part-time or temporary employees.

(2) Overtime hours includes call outs.

(3) Discretionary Leave includes Vacation, HEC, Holiday, MAL, Funeral, Jury Duty, Military, OT Banked Use, Paid Admin., AWHIP, VRIP, Holiday Banked Use leaves.

(4) Sick Leave includes sick and catastrophic sick leaves, as well as protected time off, of which the District has no discretion.

(5) Families First Coronavirus Response Act (FFCRA) - Emergency Paid Sick Leave (EPSL) and Paid Expanded Family Medical Leave Act (Paid EFMLA)

(6) California Senate Bill No. 95 - Supplemental Paid Sick Leave (SPSL)

An employee using 15 vacation, 11 holiday, 2 HEC, and 5 sick days will work an average of 34.9 hours per week over the course of a year; with 20 vacation days, 34.2 hours per week.

# BUDGET AND FINANCE REPORT

FY 2022

Year-to-date as of 8/31/21

16.7% of year elapsed

## Revenues

	Budget	Actual	% of Budget Rec'd	Unaudited Last Year Actuals 6/30/21
Capacity Fees	\$ 4,949,820	\$ 1,928,595	39%	\$ 9,358,209
Sewer Service Charges	74,716,000	1,102	0%	59,094,030
Operating (Includes work groups and fund 85)	1,260,900	144,061	11%	1,184,594
Interest	1,085,000	168,244	16%	1,435,090
Misc. (Annex fees, forfeited deposits)	50,000	268	1%	17,720
Subtotal Revenues	<u>\$ 82,061,720</u>	<u>\$ 2,242,269</u>	<u>3%</u>	<u>\$ 71,089,643</u>
Bond Proceeds	110,000,000	110,626,705	100.6%	-
<b>Total Revenues + Bond Proceeds</b>	<b>\$ 192,061,720</b>	<b>\$ 112,868,973</b>	<b>59%</b>	<b>\$ 71,089,643</b>

## Expenses

	Budget	Actual	% of Budget Used	Last Year Actuals
Capital Improvement Program:				
Capacity Proj.	\$ 14,949,000	\$ 1,002,017	7%	\$ 20,219,226
Renewal & Repl. Proj.	28,240,200	1,300,918	5%	10,853,853
Operating (includes fund 85)	46,905,403	6,543,068	14%	41,179,295
Special Projects	3,960,104	3,163	0%	628,782
Retiree Medical (ADC)	1,421,401	910,000	64%	1,201,194
115 Pension Trust	3,000,000	-	0%	-
Vehicle & Equipment	125,000	-	0%	144,181
Information Systems	940,000	41,287	4%	765,728
Plant & Pump Stat. R&R	400,000	60,153	15%	162,400
Emerg. Fund	-	-	0%	-
Cty Fee for SSC Admin.	115,000	-	0%	111,142
Debt Servicing:				
SRF Loans	-	-	-	-
Bonds	12,019,092	617,334	5%	4,684,772
WIFIA Fees	-	-	0%	100,000
<b>Total Expenses</b>	<b><u>\$ 112,075,200</u></b>	<b><u>\$ 10,477,941</u></b>	<b><u>9%</u></b>	<b><u>\$ 80,050,573</u></b>
<b>Total Revenue &amp; Proceeds less Expenses</b>	<b>\$ 79,986,520</b>	<b>\$ 102,391,032</b>		<b>(8,960,930)</b>

## Operating (Work Group) Expenses

	Budget	Actual	% of Budget Used	Unaudited Last Year Actuals
Board of Directors	\$ 187,043	\$ 16,934	9%	\$ 134,716
General Manager/Admin.	1,194,988	98,808	8%	956,457
Business Services	4,339,093	510,155	12%	3,723,670
Collection Services	7,710,953	1,010,911	13%	7,301,802
Technical Services	7,208,954	934,024	13%	6,584,979
Treatment & Disposal Services	15,921,122	2,572,821	16%	13,302,716
Fabrication, Maint. & Construction	9,332,350	1,022,267	11%	8,562,667
Non-Departmental	1,010,900	377,149	37%	612,289
<b>Total</b>	<b><u>\$ 46,905,403</u></b>	<b><u>\$ 6,543,068</u></b>	<b><u>14%</u></b>	<b><u>\$ 41,179,295</u></b>

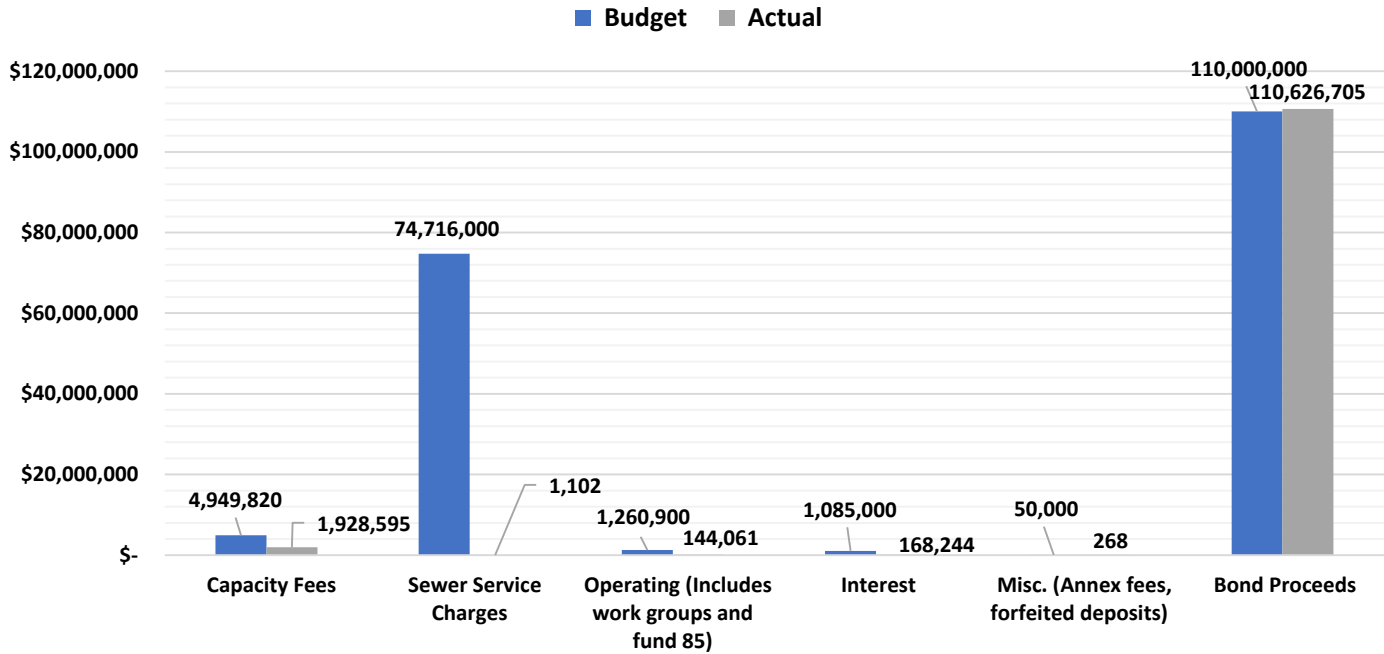
## Operating (Work Group) Expenses by Type

	Budget	Actual	% of Budget Used	Last Year Actuals
Personnel (incl D&E)	\$ 32,219,329	\$ 4,063,082	13%	\$ 29,243,463
Repairs & Maintenance	2,258,500	216,443	10%	2,044,050
Supplies & Matls (chemicals, small tools)	3,593,992	330,002	9%	2,725,130
Outside Services (utilities, biosolids, legal)	8,503,082	1,922,605	23%	6,877,123
Fixed Assets	330,500	10,937	3%	289,529
<b>Total</b>	<b><u>\$ 46,905,403</u></b>	<b><u>\$ 6,543,068</u></b>	<b><u>14%</u></b>	<b><u>\$ 41,179,295</u></b>

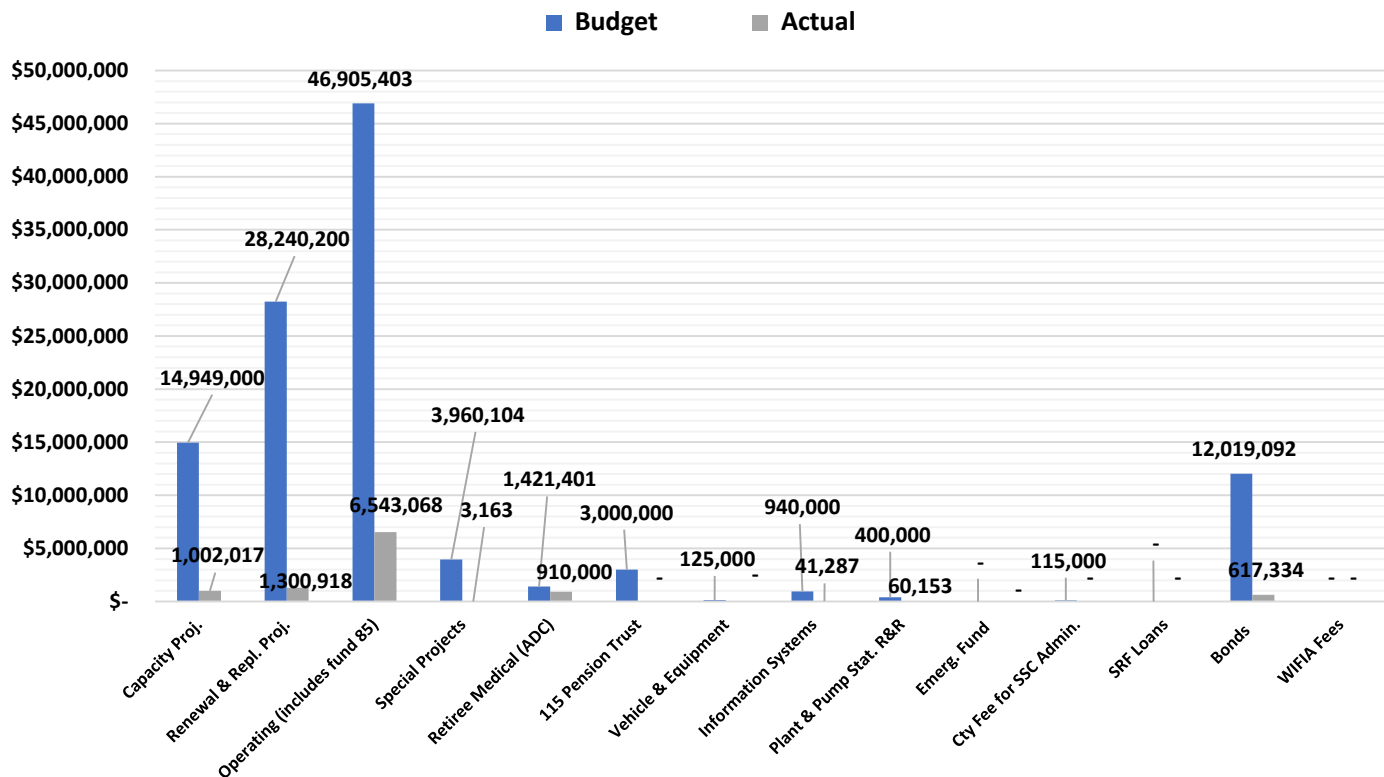


**REVENUES AND EXPENSES REPORT**  
as of 8/31/21

### Total Revenues

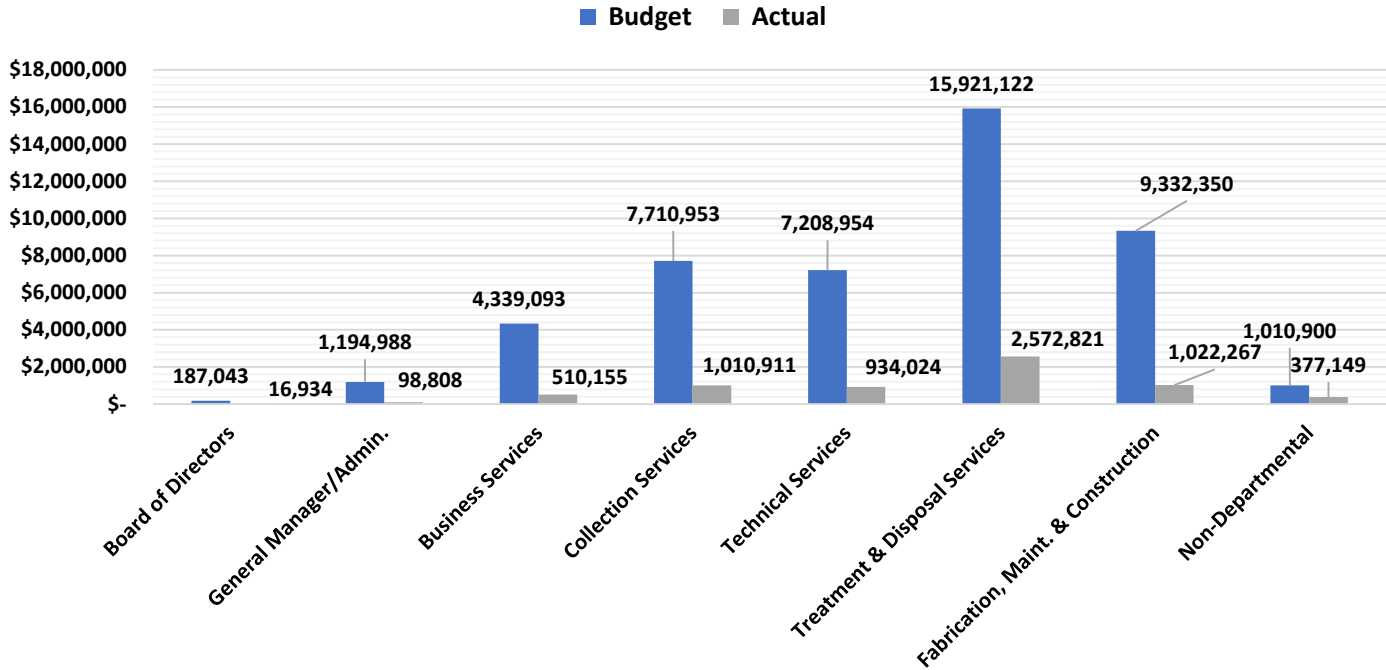


### Total Expenses

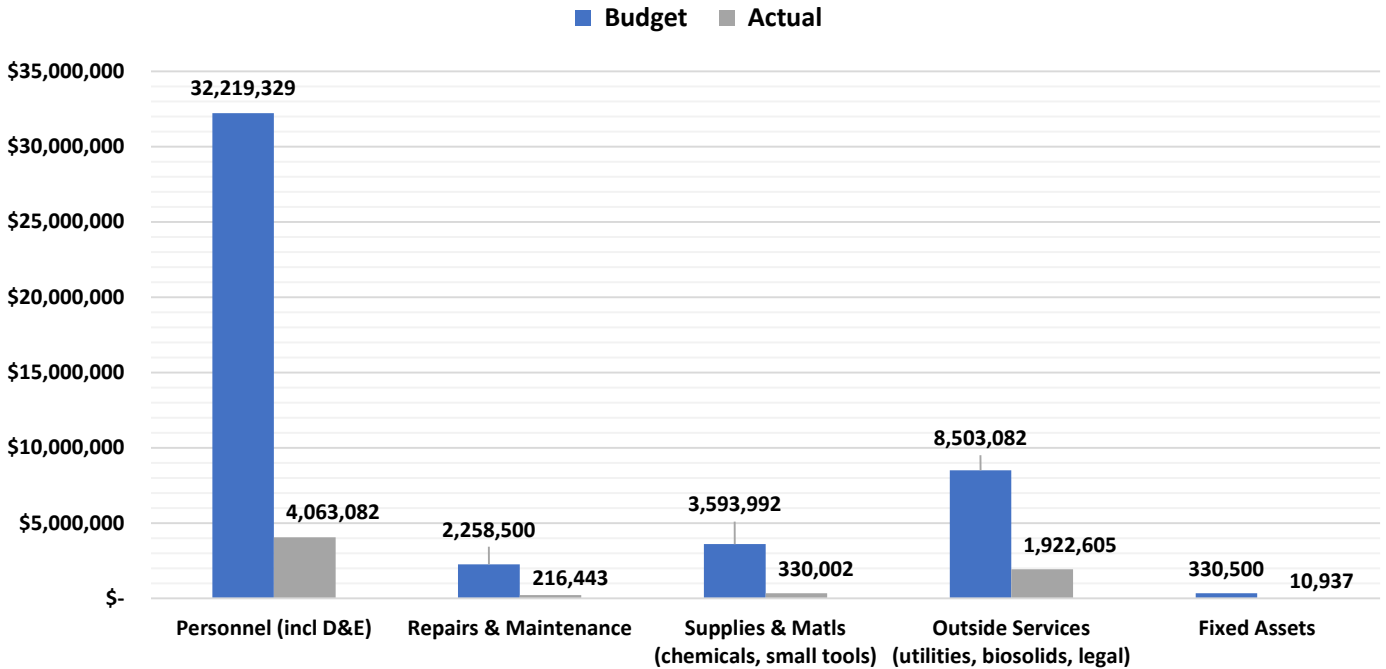


**REVENUES AND EXPENSES REPORT**  
as of 8/31/21

### Operating Expenses by Work Group

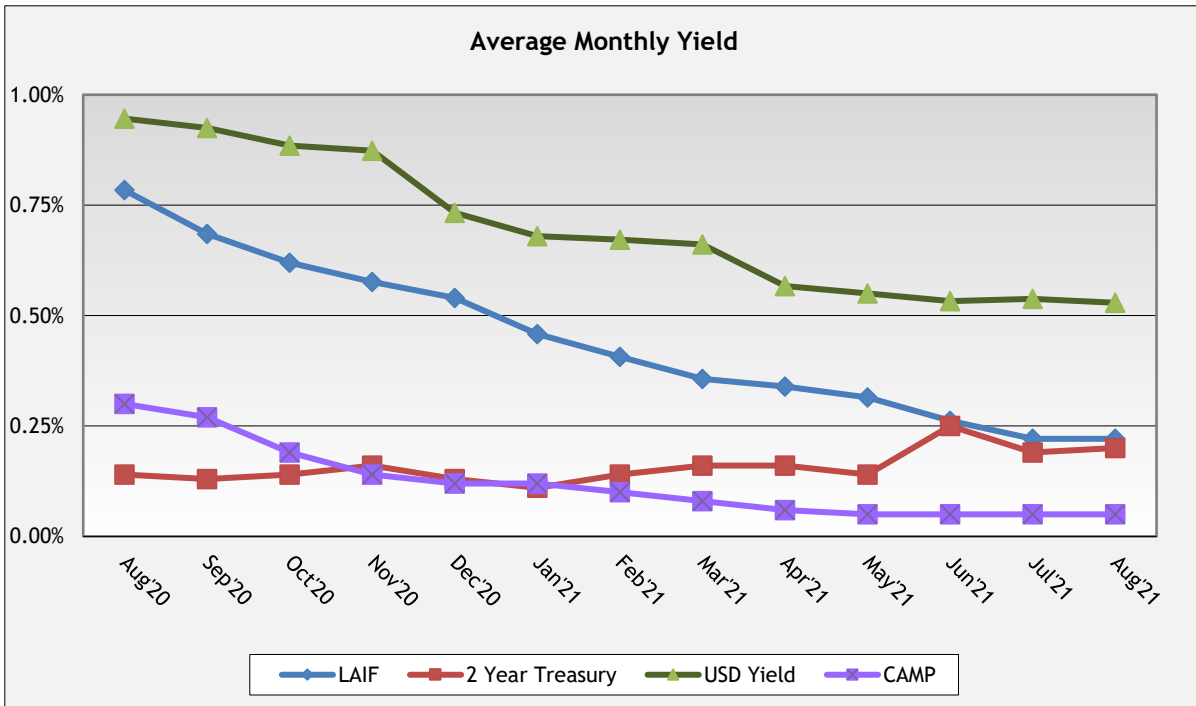


### Operating Expenses by Type



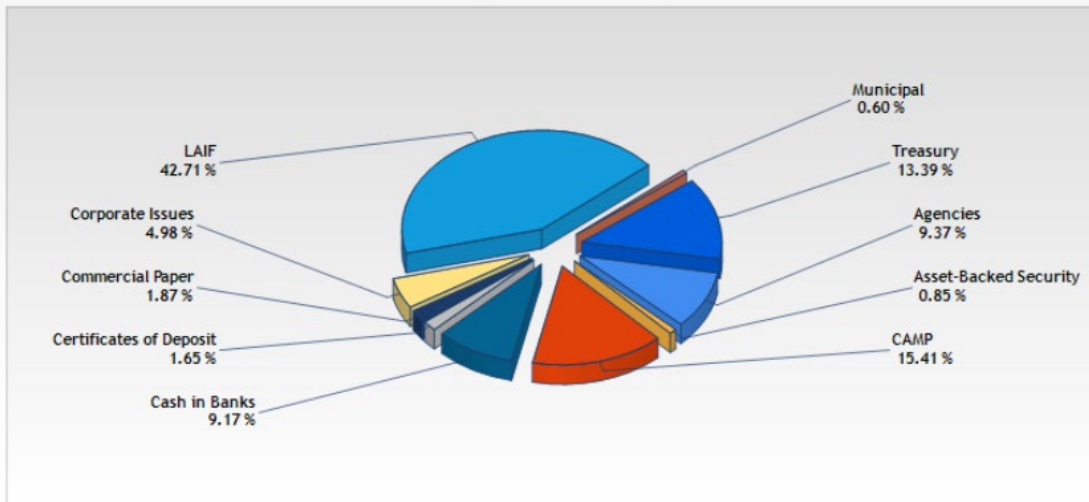
**Business Services Group**  
**August 2021**

**Performance Measures for the USD Investment Portfolio**

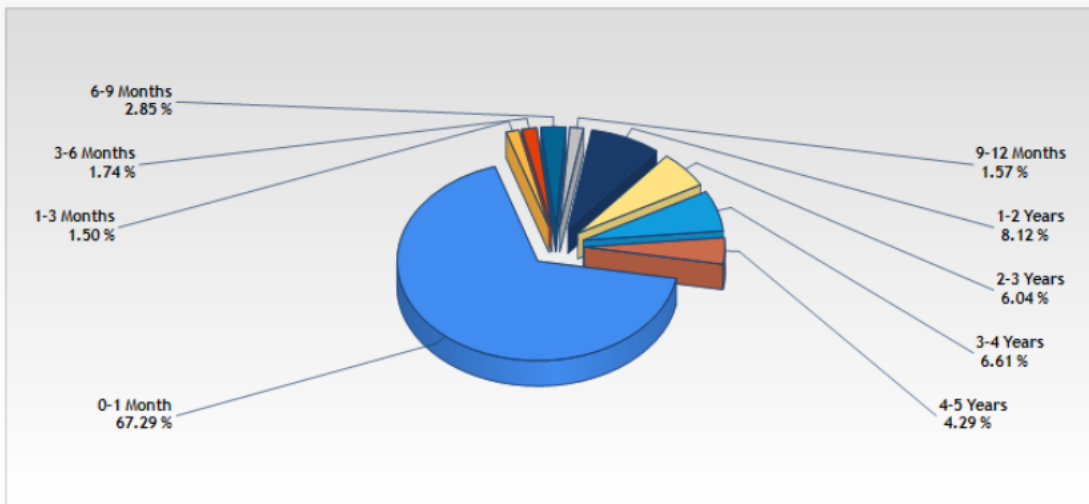


	Apr'21	May'21	Jun'21	Jul'21	Aug'21
<b>LAIF</b>	0.34%	0.32%	0.26%	0.22%	0.22%
<b>2 Year Treasury</b>	0.16%	0.14%	0.25%	0.19%	0.20%
<b>USD Yield</b>	0.57%	0.55%	0.53%	0.54%	0.53%
<b>CAMP</b>	0.06%	0.05%	0.05%	0.05%	0.05%

Portfolio Holdings Distribution by Asset Class



Portfolio Holdings Distribution by Maturity Range



Maturity Range	Face Amount/Shares	YTM @ Cost	Cost Value	Days To Maturity	% of Portfolio	Market Value	Book Value	Duration To Maturity
0-1 Month	113,829,591.79	0.152	113,829,591.79	1	67.29	113,829,591.79	113,829,591.79	0.00
1-3 Months	2,535,000.00	0.886	2,533,444.13	60	1.50	2,537,694.66	2,534,557.72	0.16
3-6 Months	2,926,000.00	0.689	2,936,991.30	148	1.74	2,933,800.27	2,927,052.25	0.40
6-9 Months	4,777,000.00	1.948	4,817,845.54	208	2.85	4,833,821.47	4,785,361.66	0.57
9-12 Months	2,670,000.00	2.019	2,662,957.75	308	1.57	2,708,970.14	2,668,164.39	0.84
1-2 Years	13,810,000.00	1.676	13,733,087.17	595	8.12	14,091,319.13	13,785,435.80	1.60
2-3 Years	10,289,000.00	1.729	10,213,890.53	866	6.04	10,593,677.46	10,259,183.01	2.33
3-4 Years	11,135,000.00	0.702	11,187,880.64	1,351	6.61	11,211,957.55	11,178,277.90	3.65
4-5 Years	7,243,000.00	0.652	7,255,410.01	1,597	4.29	7,245,177.77	7,251,871.18	4.31
<b>TOTAL / AVERAGE</b>	<b>169,214,591.79</b>	<b>0.529</b>	<b>169,171,098.86</b>	<b>273</b>	<b>100</b>	<b>169,986,010.24</b>	<b>169,219,495.70</b>	<b>0.74</b>

Union Sanitary District  
 Portfolio Holdings  
 Board Report - Holdings  
 Report Format: By Transaction  
 Group By: Asset Class  
 Average By: Cost Value  
 Portfolio / Report Group: All Portfolios  
 As of 8/31/2021

Description	CUSIP/Ticker	Credit Rating 1	Settlement Date	Face Amount/Shares	Cost Value	Coupon Rate	Market Value	YTM @ Cost	Next Call Date	Maturity Date	% of Portfolio
<b>Agencies</b>											
FFCB 0.25 9/21/2023-22	3133EMAM4	S&P-AA+	10/9/2020	1,625,000.00	1,622,237.50	0.250	1,624,756.25	0.308	9/21/2022	9/21/2023	0.96
FHLB 0.5 4/14/2025	3130AJHU6	None	4/16/2020	560,000.00	557,222.40	0.500	558,381.60	0.601		4/14/2025	0.33
FHLB 1.375 2/17/2023	3130AJ7E3	None	2/21/2020	775,000.00	773,574.00	1.375	789,267.75	1.438		2/17/2023	0.46
FHLB 2 10/26/2021-19	3130AB3D6	None	4/26/2017	1,000,000.00	1,000,000.00	2.000	1,002,960.00	2.000		10/26/2021	0.59
FHLMC 0.25 12/4/2023	3137EAFA2	S&P-AA+	12/4/2020	190,000.00	189,811.90	0.250	189,939.20	0.283		12/4/2023	0.11
FHLMC 0.25 6/26/2023	3137EAES4	None	6/26/2020	780,000.00	777,722.40	0.250	780,507.00	0.348		6/26/2023	0.46
FHLMC 0.25 8/24/2023	3137EAEV7	None	8/21/2020	520,000.00	519,469.60	0.250	520,161.20	0.284		8/24/2023	0.31
FHLMC 0.375 5/5/2023	3137EAER6	S&P-AA	5/29/2020	220,000.00	220,305.80	0.375	220,677.60	0.327		5/5/2023	0.13
FHLMC 0.375 7/21/2025	3137EAEU9	None	7/23/2020	525,000.00	522,385.50	0.375	520,595.25	0.476		7/21/2025	0.31
FHLMC 0.375 9/23/2025	3137EAEX3	None	9/25/2020	795,000.00	792,607.05	0.375	786,747.90	0.436		9/23/2025	0.47
FHLMC 1.5 2/12/2025	3137EAEP0	None	2/14/2020	1,035,000.00	1,034,203.05	1.500	1,070,438.40	1.516		2/12/2025	0.61
FNMA 0.25 5/22/2023	3135G04Q3	None	5/22/2020	865,000.00	862,396.35	0.250	866,228.30	0.351		5/22/2023	0.51
FNMA 0.25 7/10/2023	3135G05G4	None	7/10/2020	795,000.00	793,290.75	0.250	795,731.40	0.322		7/10/2023	0.47
FNMA 0.31 1/26/2024-22	3136G46V0	S&P-AA+	10/26/2020	259,000.00	258,896.40	0.310	259,416.99	0.322	10/26/2022	1/26/2024	0.15
FNMA 0.375 8/25/2025	3135G05X7	None	8/27/2020	555,000.00	552,402.60	0.375	550,165.95	0.470		8/25/2025	0.33
FNMA 0.375 8/25/2025	3135G05X7	None	10/22/2020	415,000.00	412,754.85	0.375	411,385.35	0.488		8/25/2025	0.24
FNMA 0.5 11/7/2025	3135G06G3	None	11/12/2020	520,000.00	518,138.40	0.500	516,812.40	0.573		11/7/2025	0.31
FNMA 0.5 6/17/2025	3135G04Z3	None	6/19/2020	865,000.00	863,209.45	0.500	862,880.75	0.542		6/17/2025	0.51
FNMA 0.5 6/17/2025	3135G04Z3	None	10/28/2020	1,010,000.00	1,011,494.80	0.500	1,007,525.50	0.468		6/17/2025	0.60
FNMA 0.5 8/14/2025-23	3135G05S8	S&P-AA+	8/24/2020	1,000,000.00	998,400.00	0.500	998,940.00	0.533	8/14/2023	8/14/2025	0.59
FNMA 0.625 4/22/2025	3135G03U5	None	4/24/2020	455,000.00	454,062.70	0.625	456,310.40	0.667		4/22/2025	0.27
FNMA 0.625 4/22/2025	3135G03U5	None	4/28/2020	125,000.00	124,763.75	0.625	125,360.00	0.664		4/22/2025	0.07
FNMA 1.875 4/5/2022	3135G0T45	S&P-AA+	3/16/2020	970,000.00	993,619.50	1.875	980,398.40	0.678		4/5/2022	0.59
<b>Sub Total / Average Agencies</b>				<b>15,859,000.00</b>	<b>15,852,968.75</b>	<b>0.695</b>	<b>15,895,587.59</b>	<b>0.668</b>			<b>9.37</b>
<b>Asset-Backed Security</b>											
Carmax Auto Owner Trust 0.34 12/15/2025-25	14316NAC3	S&P-AAA	1/27/2021	90,000.00	89,982.22	0.340	89,945.32	0.344	2/15/2025	12/15/2025	0.05
Carmax Auto Owner Trust 0.52 2/17/2026-25	14314QAC8	S&P-AAA	4/21/2021	180,000.00	179,961.21	0.520	180,291.02	0.525	3/15/2025	2/17/2026	0.11

Description	CUSIP/Ticker	Credit Rating 1	Settlement Date	Face Amount/Shares	Cost Value	Coupon Rate	Market Value	YTM @ Cost	Next Call Date	Maturity Date	% of Portfolio
Carmax Auto Owner Trust 1.89 12/16/2024	14315XAC2	S&P-AAA	1/22/2020	185,000.00	184,963.70	1.890	187,738.30	1.895		12/16/2024	0.11
Honda Auto Receivables 2020-1 1.61 4/22/2024-23	43813RAC1	None	2/26/2020	305,000.00	304,940.22	1.610	308,723.17	1.615	5/21/2023	4/22/2024	0.18
Honda Auto Receivables 2021-1 A3 0.27 4/21/2025-24	43813GAC5	None	2/24/2021	150,000.00	149,997.26	0.270	149,978.60	0.270	5/21/2024	4/21/2025	0.09
Hyundai Auto Receivables Trust 2021-A A3 0.38 9/15	44933LAC7	S&P-AAA	4/28/2021	120,000.00	119,987.38	0.380	119,991.38	0.382	5/15/2025	9/15/2025	0.07
Toyota Auto Receivables 2020-A A3 1.66 5/15/2024-2	89232HAC9	None	2/12/2020	415,000.00	414,970.04	1.660	419,445.90	1.662	10/15/2023	5/15/2024	0.25
<b>Sub Total / Average Asset-Backed Security</b>				<b>1,445,000.00</b>	<b>1,444,802.03</b>	<b>1.204</b>	<b>1,456,113.69</b>	<b>1.207</b>			<b>0.85</b>
<b>CAMP</b>											
CAMP LGIP	LGIP4000	None	5/31/2011	26,061,310.62	26,061,310.62	0.050	26,061,310.62	0.050	N/A	N/A	15.41
<b>Sub Total / Average CAMP</b>				<b>26,061,310.62</b>	<b>26,061,310.62</b>	<b>0.050</b>	<b>26,061,310.62</b>	<b>0.050</b>			<b>15.41</b>
<b>Cash in Banks</b>											
Union Bank Cash	LGIPUNIONBANK	None	12/31/2016	15,515,414.92	15,515,414.92	0.000	15,515,414.92	0.000	N/A	N/A	9.17
<b>Sub Total / Average Cash in Banks</b>				<b>15,515,414.92</b>	<b>15,515,414.92</b>	<b>0.000</b>	<b>15,515,414.92</b>	<b>0.000</b>			<b>9.17</b>
<b>Certificates of Deposit</b>											
American Expr Centurion 2.45 4/5/2022	02587DN38	None	4/5/2017	247,000.00	247,000.00	2.450	250,401.73	2.450		4/5/2022	0.15
Belmont Savings Bank 2.15 3/22/2022	080515BV0	None	3/20/2017	248,000.00	248,000.00	2.150	250,780.77	2.150		3/22/2022	0.15
BMW Bank 2.15 3/10/2022	05580AGR9	None	3/10/2017	247,000.00	247,000.00	2.150	249,618.87	2.150		3/10/2022	0.15
Credit Suisse 0.59 3/17/2023	22552G3C2	None	3/23/2021	435,000.00	435,000.00	0.590	437,209.02	0.590		3/17/2023	0.26
Discover Bank 2.25 12/29/2021	254672Y36	None	12/29/2016	247,000.00	247,000.00	2.250	248,760.94	2.250		12/29/2021	0.15
DNB Nor Bank ASA 2.04 12/2/2022	23341VZT1	NR	12/6/2019	430,000.00	430,000.00	2.040	439,791.96	2.040		12/2/2022	0.25
State Bank of India 2.25 1/26/2022	8562846A7	None	1/26/2017	247,000.00	247,000.00	2.250	249,151.30	2.250		1/26/2022	0.15
Sumitomo Mitsui Bank NY 0.7 7/8/2022	86565CKU2	None	7/14/2020	435,000.00	435,000.00	0.700	436,864.89	0.700		7/8/2022	0.26
Synchrony Bank 2.3 2/24/2022	87165ELT2	None	2/28/2017	247,000.00	247,000.00	2.300	249,621.26	2.300		2/24/2022	0.15
<b>Sub Total / Average Certificates of Deposit</b>				<b>2,783,000.00</b>	<b>2,783,000.00</b>	<b>1.720</b>	<b>2,812,200.74</b>	<b>1.720</b>			<b>1.65</b>
<b>Commercial Paper</b>											
Collateralized Coml Paper 0 2/15/2022	19424JBF2	S&P-A1	7/9/2021	1,635,000.00	1,633,594.81	0.000	1,633,962.27	0.143		2/15/2022	0.97
LMA AMERICAS 0 10/1/2021	53944QX13	S&P-A1	5/19/2021	535,000.00	534,719.13	0.000	534,942.06	0.140		10/1/2021	0.32

Description	CUSIP/Ticker	Credit Rating 1	Settlement Date	Face Amount/Shares	Cost Value	Coupon Rate	Market Value	YTM @ Cost	Next Call Date	Maturity Date	% of Portfolio
MUFG Bank LTD/NY 0 11/19/2021	62479LYK5	S&P-A1	2/22/2021	1,000,000.00	998,725.00	0.000	999,792.60	0.170		11/19/2021	0.59
<b>Sub Total / Average Commercial Paper</b>				<b>3,170,000.00</b>	<b>3,167,038.94</b>	<b>0.000</b>	<b>3,168,696.93</b>	<b>0.151</b>			<b>1.87</b>
<b>Corporate Issues</b>											
Amazon.com Inc. 2.4 2/22/2023	023135AW6	Fitch-A+	4/15/2019	675,000.00	668,499.75	2.400	695,371.50	2.664		2/22/2023	0.40
American Express Credit 2.7 3/3/2022	0258M0EG0	Moody's-A2	5/15/2017	1,000,000.00	1,013,279.67	2.700	1,010,510.00	2.406		3/3/2022	0.60
American Honda Finance 1.95 5/10/2023	02665WDH1	None	1/10/2020	415,000.00	414,846.45	1.950	426,105.40	1.962		5/10/2023	0.25
Apple Inc 0.75 5/11/2023	037833DV9	S&P-AA+	5/11/2020	325,000.00	324,116.00	0.750	327,785.25	0.842		5/11/2023	0.19
Bank of America Corp 4.1 7/24/2023	06053FAA7	Fitch-A	3/22/2019	500,000.00	520,405.00	4.100	535,295.00	3.087		7/24/2023	0.31
BB&T Corporation 3.05 6/20/2022-22	05531FBG7	Fitch-A+	3/22/2019	525,000.00	525,714.00	3.050	535,620.75	3.006	5/20/2022	6/20/2022	0.31
Bristol-Myers Squibb Co 0.75 11/13/2025-25	110122DN5	S&P-A+	6/21/2021	201,000.00	198,998.04	0.750	199,733.70	0.982	10/13/2025	11/13/2025	0.12
Citigroup Inc 0.981 5/1/2025-24	172967MX6	None	5/4/2021	145,000.00	145,384.25	0.981	145,675.70	0.913	5/1/2024	5/1/2025	0.09
Citigroup Inc 0.981 5/1/2025-24	172967MX6	None	5/4/2021	135,000.00	135,000.00	0.981	135,629.10	0.981	5/1/2024	5/1/2025	0.08
Exxon Mobil Corporation 2.726 3/1/2023	30231GAR3	Moody's-Aaa	6/14/2019	985,000.00	1,001,400.25	2.726	1,015,948.70	2.256		3/1/2023	0.59
Goldman Sachs Group Inc 3.75 5/22/2025-25	38148LAE6	S&P-BBB+	2/17/2021	380,000.00	424,528.40	3.750	414,268.40	0.940	2/22/2025	5/22/2025	0.25
JP Morgan Chase & Co 0.653 9/16/2024-23	46647PBS4	None	9/16/2020	110,000.00	110,000.00	0.653	110,312.40	0.653	9/16/2023	9/16/2024	0.07
JP Morgan Chase & Co 0.768 8/9/2025-24	46647PCM6	None	8/10/2021	120,000.00	120,000.00	0.768	119,710.80	0.768	8/9/2024	8/9/2025	0.07
JP Morgan Chase & Co 2.7 5/18/2023-23	46625HRL6	Fitch-A+	3/22/2019	525,000.00	517,970.25	2.700	544,341.00	3.045	3/18/2023	5/18/2023	0.31
Morgan Stanley 0.731 4/5/2024-23	61772BAA1	None	4/22/2021	70,000.00	70,000.00	0.731	70,214.20	0.731	4/5/2023	4/5/2024	0.04
Morgan Stanley 0.731 4/5/2024-23	61772BAA1	None	4/22/2021	205,000.00	205,258.30	0.731	205,627.30	0.688	4/5/2023	4/5/2024	0.12
Paccar Financial Corp 2.65 5/10/2022	69371RP83	None	5/10/2019	580,000.00	579,686.80	2.650	589,906.40	2.669		5/10/2022	0.34
Toyota Motor Credit Corp 1.8 2/13/2025	89236TGT6	S&P-AA-	5/26/2020	180,000.00	181,758.60	1.800	185,616.00	1.584		2/13/2025	0.11
Toyota Motor Credit Corp 1.8 2/13/2025	89236TGT6	S&P-AA-	5/26/2020	250,000.00	252,442.50	1.800	257,800.00	1.584		2/13/2025	0.15
Wal-Mart Stores Inc 2.55 4/11/2023-23	931142DH3	S&P-AA	5/26/2020	965,000.00	1,015,701.10	2.550	996,130.90	0.701	1/11/2023	4/11/2023	0.60
<b>Sub Total / Average Corporate Issues</b>				<b>8,291,000.00</b>	<b>8,424,989.36</b>	<b>2.439</b>	<b>8,521,602.50</b>	<b>1.957</b>			<b>4.98</b>

Description	CUSIP/Ticker	Credit Rating 1	Settlement Date	Face Amount/Shares	Cost Value	Coupon Rate	Market Value	YTM @ Cost	Next Call Date	Maturity Date	% of Portfolio
<b>LAIF</b>											
LAIF LGIP	LGIP1002	None	4/30/2011	72,252,866.25	72,252,866.25	0.221	72,252,866.25	0.221	N/A	N/A	42.71
<b>Sub Total / Average LAIF</b>				<b>72,252,866.25</b>	<b>72,252,866.25</b>	<b>0.221</b>	<b>72,252,866.25</b>	<b>0.221</b>			<b>42.71</b>
<b>Municipal</b>											
State of California 2.152 4/1/2022	13063DAD0	Moodys-Aa3	4/27/2017	1,000,000.00	1,010,000.00	2.152	1,012,850.00	1.938		4/1/2022	0.60
<b>Sub Total / Average Municipal</b>				<b>1,000,000.00</b>	<b>1,010,000.00</b>	<b>2.152</b>	<b>1,012,850.00</b>	<b>1.938</b>			<b>0.60</b>
<b>Treasury</b>											
T-Note 0.25 5/31/2025	912828ZT0	S&P-AA+	5/17/2021	1,020,000.00	1,005,576.56	0.250	1,007,811.00	0.605		5/31/2025	0.59
T-Note 0.25 8/31/2025	91282CAJ0	S&P-AA+	8/2/2021	500,000.00	494,433.59	0.250	492,635.00	0.526		8/31/2025	0.29
T-Note 0.25 8/31/2025	91282CAJ0	S&P-AA+	8/16/2021	410,000.00	403,417.58	0.250	403,960.70	0.653		8/31/2025	0.24
T-Note 0.375 1/31/2026	91282CBH3	S&P-AA+	7/7/2021	590,000.00	578,660.94	0.375	581,704.60	0.804		1/31/2026	0.34
T-Note 0.375 12/31/2025	91282CBC4	S&P-AA+	1/25/2021	755,000.00	752,847.07	0.375	745,147.25	0.434		12/31/2025	0.45
T-Note 0.375 12/31/2025	91282CBC4	S&P-AA+	4/7/2021	535,000.00	522,314.65	0.375	528,018.25	0.888		12/31/2025	0.31
T-Note 0.375 12/31/2025	91282CBC4	S&P-AA+	5/3/2021	137,000.00	134,629.26	0.375	135,212.15	0.753		12/31/2025	0.08
T-Note 0.375 12/31/2025	91282CBC4	S&P-AA+	5/7/2021	600,000.00	590,343.75	0.375	592,170.00	0.728		12/31/2025	0.35
T-Note 0.5 2/28/2026	91282CBQ3	S&P-AA+	3/5/2021	1,260,000.00	1,242,970.31	0.500	1,248,685.20	0.777		2/28/2026	0.73
T-Note 0.75 4/30/2026	91282CBW0	S&P-AA+	5/28/2021	245,000.00	244,387.50	0.750	245,220.50	0.802		4/30/2026	0.14
T-Note 0.75 5/31/2026	91282CCF6	Moodys-Aaa	6/1/2021	500,000.00	498,417.97	0.750	500,195.00	0.815		5/31/2026	0.29
T-Note 1.25 7/31/2023	912828S92	Fitch-AAA	4/2/2019	1,035,000.00	990,365.62	1.250	1,056,020.85	2.302		7/31/2023	0.59
T-Note 1.375 6/30/2023	912828S35	Fitch-AAA	3/20/2019	1,385,000.00	1,325,867.00	1.375	1,415,248.40	2.431		6/30/2023	0.78
T-Note 1.375 9/30/2023	912828T26	Fitch-AAA	3/20/2019	1,545,000.00	1,475,112.89	1.375	1,581,693.75	2.436		9/30/2023	0.87
T-Note 1.5 10/31/2024	912828YM6	S&P-AA+	1/12/2021	1,005,000.00	1,049,479.10	1.500	1,038,838.35	0.327		10/31/2024	0.62
T-Note 1.5 3/31/2023	912828Q29	Fitch-AAA	3/20/2019	175,000.00	168,799.81	1.500	178,711.75	2.428		3/31/2023	0.10
T-Note 1.75 11/30/2021	912828U65	S&P-AA+	6/16/2020	550,000.00	562,396.49	1.750	552,304.50	0.199		11/30/2021	0.33
T-Note 1.75 7/15/2022	9128287C8	Fitch-AAA	7/31/2019	1,000,000.00	998,789.06	1.750	1,014,450.00	1.792		7/15/2022	0.59
T-Note 1.75 9/30/2022	912828L57	Fitch-AAA	3/20/2019	835,000.00	816,016.80	1.750	849,804.55	2.426		9/30/2022	0.48
T-Note 1.875 2/28/2022	912828W55	Fitch-AAA	4/2/2019	485,000.00	479,259.57	1.875	489,355.30	2.298		2/28/2022	0.28
T-Note 2 4/30/2024	912828X70	Fitch-AAA	6/7/2019	590,000.00	592,996.09	2.000	616,201.90	1.891		4/30/2024	0.35
T-Note 2 6/30/2024	912828XX3	Fitch-AAA	7/3/2019	355,000.00	358,660.94	2.000	371,308.70	1.783		6/30/2024	0.21
T-Note 2.125 12/31/2022	912828N30	Fitch-AAA	3/20/2019	1,170,000.00	1,157,340.24	2.125	1,200,981.60	2.426		12/31/2022	0.68
T-Note 2.125 2/29/2024	912828W48	Fitch-AAA	3/20/2019	2,000,000.00	1,970,625.00	2.125	2,090,860.00	2.442		2/29/2024	1.16
T-Note 2.125 3/31/2024	912828W71	S&P-AA+	3/2/2020	730,000.00	767,412.50	2.125	763,850.10	0.844		3/31/2024	0.45
T-Note 2.125 6/30/2022	912828XG0	Fitch-AAA	3/20/2019	710,000.00	703,454.69	2.125	722,034.50	2.418		6/30/2022	0.42
T-Note 2.25 12/31/2023	912828V23	Fitch-AAA	3/20/2019	2,000,000.00	1,982,968.75	2.250	2,091,640.00	2.439		12/31/2023	1.17
T-Note 2.625 1/31/2026	9128286A3	S&P-AA+	2/4/2021	715,000.00	791,164.26	2.625	775,303.10	0.463		1/31/2026	0.47



Description	CUSIP/Ticker	Credit Rating 1	Settlement Date	Face Amount/Shares	Cost Value	Coupon Rate	Market Value	YTM @ Cost	Next Call Date	Maturity Date	% of Portfolio
Sub Total / Average Treasury				22,837,000.00	22,658,707.99	1.448	23,289,367.00	1.600			13.39
Total / Average				169,214,591.79	169,171,098.86	0.534	169,986,010.24	0.529			100

All investment actions executed since the last report have been made in full compliance with the District's Investment Policy. The District will meet its expenditure obligations for the next six months. Market value sources are the LAIF, CAMP, and BNY Mellon monthly statements. Broker/Dealers utilized per USD Investment Policy and at the discretion of investment portfolio advisor.

Reviewer:

Approver:

Union Sanitary District  
Transactions Summary  
Board Report - Activity  
Group By: Action  
Portfolio / Report Group: All Portfolios  
Begin Date: 07/31/2021, End Date: 08/31/2021

Description	CUSIP/Ticker	Face Amount/Shares	Principal	Interest/Dividends	Coupon Rate	YTM @ Cost	Settlement Date	Total
<b>Buy</b>								
JP Morgan Chase & Co 0.768 8/9/2025-24	46647PCM6	120,000.00	120,000.00	0.00	0.768	0.768	8/10/2021	120,000.00
T-Note 0.25 8/31/2025	91282CAJ0	410,000.00	403,417.58	470.72	0.250	0.653	8/16/2021	403,888.30
T-Note 0.25 8/31/2025	91282CAJ0	500,000.00	494,433.59	526.49	0.250	0.526	8/2/2021	494,960.08
<b>Sub Total / Average Buy</b>		<b>1,030,000.00</b>	<b>1,017,851.17</b>	<b>997.21</b>				<b>1,018,848.38</b>
<b>Deposit</b>								
CAMP LGIP	LGIP4000	1,411.09	1,411.09	0.00	N/A	0.000	8/31/2021	1,411.09
Union Bank Cash	LGIPUNIONBANK	15,515,414.92	15,515,414.92	0.00	N/A	0.000	8/31/2021	15,515,414.92
<b>Sub Total / Average Deposit</b>		<b>15,516,826.01</b>	<b>15,516,826.01</b>	<b>0.00</b>				<b>15,516,826.01</b>
<b>Interest</b>								
Amazon.com Inc. 2.4 2/22/2023	023135AW6	0.00	0.00	8,100.00	2.400	0.000	8/23/2021	8,100.00
CAMP LGIP	LGIP4000	0.00	0.00	1,411.09	N/A	0.000	8/31/2021	1,411.09
Carmax Auto Owner Trust 0.34 12/15/2025-25	14316NAC3	0.00	0.00	25.50	0.340	0.000	8/16/2021	25.50
Carmax Auto Owner Trust 0.52 2/17/2026-25	14314QAC8	0.00	0.00	78.00	0.520	0.000	8/16/2021	78.00
Carmax Auto Owner Trust 1.89 12/16/2024	14315XAC2	0.00	0.00	291.38	1.890	0.000	8/16/2021	291.38
FHLB 1.375 2/17/2023	3130AJ7E3	0.00	0.00	5,328.13	1.375	0.000	8/17/2021	5,328.13
FHLMC 0.25 8/24/2023	3137EAEV7	0.00	0.00	650.00	0.250	0.000	8/24/2021	650.00
FHLMC 1.5 2/12/2025	3137EAEP0	0.00	0.00	7,762.50	1.500	0.000	8/12/2021	7,762.50
FNMA 0.375 8/25/2025	3135G05X7	0.00	0.00	1,818.75	0.375	0.000	8/25/2021	1,818.75
FNMA 0.5 8/14/2025-23	3135G05S8	0.00	0.00	2,500.00	0.500	0.000	8/16/2021	2,500.00
Honda Auto Receivables 2020-1 1.61 4/22/2024-23	43813RAC1	0.00	0.00	409.21	1.610	0.000	8/23/2021	409.21
Honda Auto Receivables 2021-1 A3 0.27 4/21/2025-24	43813GAC5	0.00	0.00	33.75	0.270	0.000	8/23/2021	33.75
Hyundai Auto Receivables Trust 2021-A A3 0.38 9/15	44933LAC7	0.00	0.00	38.00	0.380	0.000	8/16/2021	38.00
Synchrony Bank 2.3 2/24/2022	87165ELT2	0.00	0.00	2,817.15	2.300	0.000	8/24/2021	2,817.15
T-Note 0.25 8/31/2025	91282CAJ0	0.00	0.00	1,137.50	0.250	0.000	8/31/2021	1,137.50
T-Note 0.375 1/31/2026	91282CBH3	0.00	0.00	1,106.25	0.375	0.000	8/2/2021	1,106.25
T-Note 0.5 2/28/2026	91282CBQ3	0.00	0.00	3,150.00	0.500	0.000	8/31/2021	3,150.00
T-Note 1.25 7/31/2023	912828S92	0.00	0.00	6,468.75	1.250	0.000	8/2/2021	6,468.75
T-Note 1.875 2/28/2022	912828W55	0.00	0.00	4,546.88	1.875	0.000	8/31/2021	4,546.88
T-Note 2.125 2/29/2024	912828W48	0.00	0.00	21,250.00	2.125	0.000	8/31/2021	21,250.00

Description	CUSIP/Ticker	Face Amount/Shares	Principal	Interest/Dividends	Coupon Rate	YTM @ Cost	Settlement Date	Total
T-Note 2.625 1/31/2026	9128286A3	0.00	0.00	9,384.38	2.625	0.000	8/2/2021	9,384.38
T-Note 2.75 8/15/2021	9128284W7	0.00	0.00	5,500.00	2.750	0.000	8/15/2021	5,500.00
Toyota Auto Receivables 2020-A A3 1.66 5/15/2024-2	89232HAC9	0.00	0.00	574.08	1.660	0.000	8/16/2021	574.08
Toyota Motor Credit Corp 1.8 2/13/2025	89236TGT6	0.00	0.00	3,870.00	1.800	0.000	8/13/2021	3,870.00
Victor Valley College General Obligation Bond 2.35	92603PER9	0.00	0.00	4,740.00	2.350	0.000	8/1/2021	4,740.00
<b>Sub Total / Average Interest</b>		<b>0.00</b>	<b>0.00</b>	<b>92,991.30</b>				<b>92,991.30</b>
<b>Matured</b>								
T-Note 2.75 8/15/2021	9128284W7	400,000.00	400,000.00	0.00	2.750	0.000	8/15/2021	400,000.00
Victor Valley College General Obligation Bond 2.35	92603PER9	500,000.00	500,000.00	0.00	2.350	0.000	8/1/2021	500,000.00
<b>Sub Total / Average Matured</b>		<b>900,000.00</b>	<b>900,000.00</b>	<b>0.00</b>				<b>900,000.00</b>
<b>Sell</b>								
T-Note 2 6/30/2024	912828XX3	115,000.00	120,287.30	256.25	2.000	0.000	8/10/2021	120,543.55
<b>Sub Total / Average Sell</b>		<b>115,000.00</b>	<b>120,287.30</b>	<b>256.25</b>				<b>120,543.55</b>
<b>Withdraw</b>								
CAMP LGIP	LGIP4000	6,500,000.00	6,500,000.00	0.00	N/A	0.000	8/24/2021	6,500,000.00
CAMP LGIP	LGIP4000	3,000,000.00	3,000,000.00	0.00	N/A	0.000	8/12/2021	3,000,000.00
Union Bank Cash	LGIPUNIONBANK	7,136,144.60	7,136,144.60	0.00	N/A	0.000	8/30/2021	7,136,144.60
<b>Sub Total / Average Withdraw</b>		<b>16,636,144.60</b>	<b>16,636,144.60</b>	<b>0.00</b>				<b>16,636,144.60</b>

<p align="center"><b>MONTHLY OPERATIONS REPORT FOR THE MONTH AUGUST 2021</b> <b>TECHNICAL SUPPORT WORK GROUP SUMMARY</b></p>
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**Capital Improvement Program**

**Aeration Blower No. 11 Project** – Conduit installation in the East Blower Room was in progress.

**Alvarado Influent Pump Station Improvements Project** – Operational test of the new Pump 3 was not completed due to oil leak. The pump was shipped to the manufacturer for repair. Installation of Pumps 1 and 2 piping and conduits continued.

**Cathodic Protection System Improvements Project** – Submittals review was in progress.

**Centrifuge Building Improvements Project** - Submittals review was in progress. New sludge conveyors have been delivered and are onsite.

**Emergency Outfall Improvements Project** – Contractor completed pre-construction biological survey, survey of the work site, and began locating the existing Emergency Outfall pipe within the plant property.

**FY21 Cast Iron/Pipe Lining Project** - Contractor completed corrective action items to achieve substantial completion. Project close out in progress.

**FY21 Gravity Sewer Rehabilitation/Replacement Project – Phase VII** – Contractor completed rehabilitation work on the Pine Street Easement retaining wall and began repairing the sewer main by the Gurdwara Road/Terrace Drive Easement.

**Headworks Screens Replacement Project** – Replacement of the 3/8” screen components with 1/4” on Mechanical Screen No. 3 is anticipated to take place in October.

**Primary Digester No. 2 Rehabilitation Project** – The Board accepted the project.

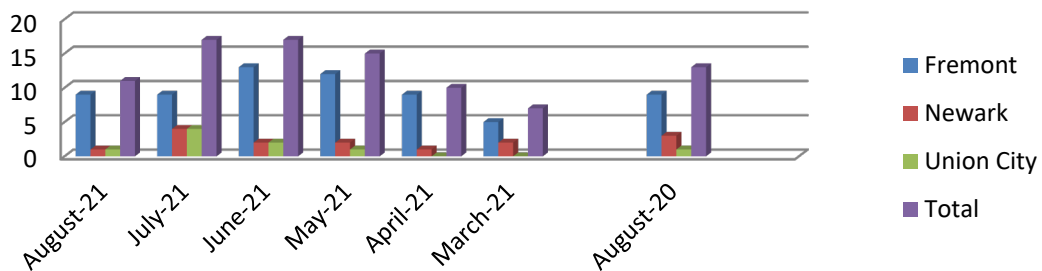
**Primary Digester No. 7 Project** – Installation of exterior piping, valves, and electrical conduits for Digester No. 7 was in progress. Operational testing of the heating, mixing, and conveyance equipment is scheduled for September.

**Wet Weather Flow Management – Calcium Thiosulfate Chemical Feed System** – Installation of chemical pumps, above-ground piping, and appurtenances is complete. Pump local-control panels have been delivered to the jobsite, and electricians continued to install conduit and conductors.

## Customer Service

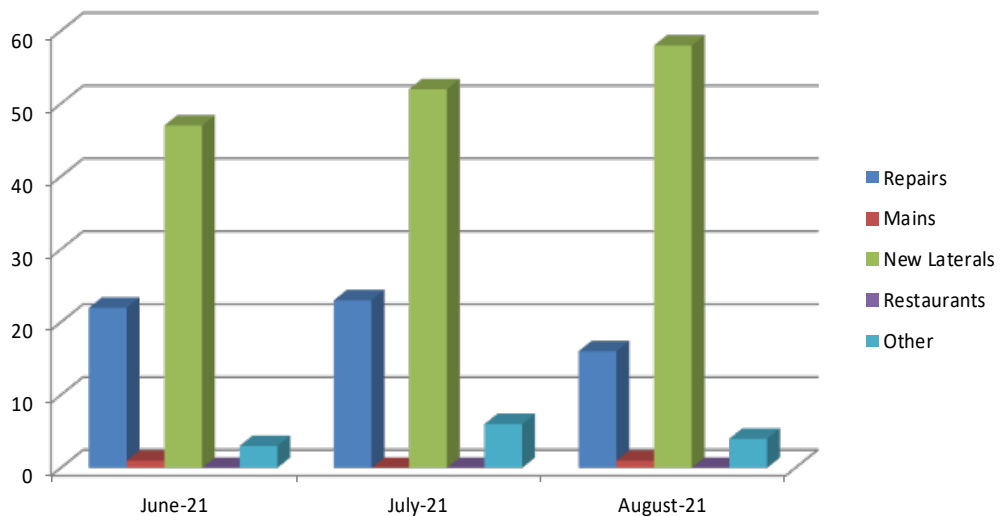
Trouble Calls dispatched from the Front Desk during business hours:

Month	Fremont	Newark	Union City	Total
August-21	9	1	1	11
July-21	9	4	4	17
June-21	13	2	2	17
May-21	12	2	1	15
April-21	9	1	0	10
March-21	5	2	0	7
August-20	9	3	1	13
6-Month Total				77



## Sewer Permits Issued

Month	Repairs	Mains	New Laterals	Restaurants	Other
August-21	16	1	58	0	4
July-21	23	0	52	0	6
June-21	22	1	47	0	3
New Laterals - New residential lateral connections					
Other - Non-residential construction (except restaurants)					



## **Communication**

- Social Media Posts
  - Engineering Technician I/II recruitment
  - Oro Loma Sanitary District birthday congratulations
  - Administrative Specialist I/II recruitment
  - Wipes Clog Pipes Environmental post
- Website Updates:
  - USD Issues Bond to Finance Infrastructure Projects on News and Events web page
  - Uploaded Press release to Press Releases Archives web page
- Participated as member of Union City Chamber Board of Directors:
  - Participated in Chamber/City of Union City Human Relations Commission Smith Street Cleanup event August 7, 2021

## **Environmental Compliance**

### **Pollution Prevention/Stormwater Programs**

USD's Environmental Compliance (EC) team conducts pollution prevention inspections at restaurants, car wash businesses, and other commercial facilities. EC also conducts inspections and enforcement for the City of Fremont's Environmental Services group. Over 600 Stormwater compliance inspections are conducted every year to ensure that commercial facilities, including restaurants and auto shops, comply with City Ordinance requirements, and do not discharge pollutants to the creeks and bay.

During the past month, the EC team conducted 83 Stormwater (Urban Runoff), and 51 FOG (restaurant) inspections. During this reporting period, Inspectors identified 29 Stormwater and 11 FOG enforcement actions. Twenty-four (24) of the Stormwater enforcements resulted in administrative fines ranging from \$100 to \$1,000 for each violation. None of the administrative fines were issued for illicit discharge violations.

### **Urban Runoff (UR) Inspections and Enforcements**

August 2021	Number of UR Inspection	VW	WL	NOV	AF	LA	NOD	Total Enforcements	No. of Illicit Discharge/s	
	83	2	0	3	24	0	0	29	% Enforcement	35%

### **Fats, Oils, and Grease (FOG) Inspections and Enforcements**

August 2021	Number of FOG Inspections	VW	WL	NOV	AF	LA	NOD	Total Enforcements	% Enforcement	
	51	11	0	0	0	0	0	11		22%

### *Enforcements*

VW – Verbal Warning, WL – Warning Letter, NOV – Notices of Violation

AF – Administrative Fine, LA – Legal Action, NOD – Notice of Deficiency

AO – Administrative Order, C&D – Cease & Desist Order, SNC – Significant Non-Compliance

### **Dental Inspections, School Outreach, and Plant Tours**

# of Dental Inspections	# of School Outreach Events	# of Plant Tours
None	None	None

## **Industrial Pretreatment**

The Industrial Pretreatment program has pending permits as shown in the table below. USD inspectors are working with each of these companies to establish permitted industrial discharges.

### **Pending Permits**

<b>New Industrial/Groundwater Permits</b>	<b>Groundwater/Temporary</b>
Facebook NEW 100	
Membrane Technology Research	
Sonova	
Estuary LLC	
Tenaya Therapeutics, LLC	

### **Permits Issued**

<b>Company Name</b>	<b>Date Permit Issued</b>
Bionova Scientific LLC	8/2/2021

### **Industrial Permit Closures**

<b>Company Name</b>	<b>Date of Closure</b>
None	

### **Reports (Annual & Semi-Annual Pretreatment Report, Union City Report, etc.)**

<b>Report Name</b>	<b>Date Report Completed and Submitted</b>
Pollution Prevention Annual Report FY 20-21	8/19/21

### **Enforcement Action**

<b>Industrial User Name &amp; Nature of Business</b>	<b>Comments</b>	<b>City</b>	<b>Parameter Violated</b>	<b>Discharge concentration (mg/L)</b>	<b>USD/Fed Limit Violated(mg/L)</b>	<b>Enforcement</b>
Allogene Therapeutics, Inc.		Newark	Copper	2.71	2.0	NOV21-009
Vishay-Applied Thin-Film Products	Self-reported notification of Slug Discharge of solvent to the sanitary sewer	Fremont	NA	NA	Permit Condition G2.14 Discharge of Hazardous Waste	WL21-002

A/V- Animal/Vegetable, TTL- Total, O&G- Oil & Grease

(1) WL – Warning Letter,

NOV – Notices of Violation,

AO – Administrative Order

C&D – Cease and Desist Order,

SNC – Significant Non-Compliance,

EM – Enforcement Meeting

### **Other - Training, Special Meetings, Conferences, IAC (topics)**

<b>Activity</b>	<b>Date of Event</b>	<b>Organization &amp; Attendees</b>
CWEA Toolbelt Training: FOG and Industrial Permitting	8/18	Doug Dattawalker, Alex Paredes
BAPPG Pollutant Prioritization Meeting	8/18	Doug Dattawalker

**Engineering/Construction**No. of projects under construction: **11**

	<b>Construction Projects</b>	<b>Capital (\$1000)</b>	<b>Scheduled Completion</b>	<b>Completed Scope</b>	<b>Completed Time</b>	<b>Comments for August 2021 Activities</b>
1.	Aeration Blower No. 11 Project - Derek	\$1,652	12/21	35%	76%	Conduit installation in the East Blower Room in progress.
2.	Alvarado Influent Pump Station Improvements Project – Thomas	\$8,890	10/21	70%	92%	Operational test of the new Pump 3 was not completed due to oil leak. The pump was shipped to the manufacturer for repair. Installation of Pumps 1 and 2 piping and conduits continued.
3.	Cathodic Protection System Improvements Project - Thomas	\$483	1/22	5%	40%	Submittals review in progress.
4.	Centrifuge Building Improvements Project – Somporn	\$688	10/21	40%	79%	Submittals review in progress. New sludge conveyors are onsite.
5.	Emergency Outfall Improvements Project – Andrew	\$1,399	1/22	10%	40%	Contractor completed pre-construction biological survey, survey of the work site, and began locating the existing Emergency Outfall pipe within the plant property.
6.	FY21 Cast Iron/Pipe Lining Project – Andrew	\$307	5/21	100%	100%	Contractor completed corrective action items to achieve substantial completion. Project close out in progress.
7.	FY21 Gravity Sewer Rehabilitation/Replacement Project – Phase VII	\$595	10/21	24%	60%	Contractor completed rehabilitation work on the Pine Street Easement retaining wall and began spot repairs of the sewer main by the Gurdwara Road/Terrace Drive Easement.
8.	Headworks Screens Replacement Project – Thomas	\$1,822	7/21	98%	98%	Replacement of the 3/8" screen components with 1/4" on Mechanical Screen No. 3 is anticipated to take place in October.
9.	Primary Digester No. 2 Rehabilitation Project – Derek	\$3,058	10/20	100%	100%	The Board accepted the project.
10.	Primary Digester No. 7 Project – Curtis	\$23,460	12/21	91%	90%	Installation of exterior piping, valves, and electrical conduits for Digester No. 7 in progress.



	Construction Projects	Capital (\$1000)	Scheduled Completion	Completed Scope	Completed Time	Comments for August 2021 Activities
11.	Wet Weather Flow Management – Calcium Thiosulfate Chemical Feed System – Kevin/Blake	\$624	06/21	65%	136%	Installation of local-control panels and above ground conduit/conductors in progress. Startup and testing estimated to start late September to early October.

**Design/Study**No. of projects in design/study phase: **11**

	<b>Design/Study Projects</b>	<b>Capital (\$1000)</b>	<b>Scheduled Completion</b>	<b>Completed Scope</b>	<b>Completed Time</b>	<b>Comments for August 2021 Activities</b>
1.	Cherry Street Pump Station Improvements Project – Derek	\$72	06/21	100%	100%	100% design submittal was received.
2.	Force Main Condition Assessment – Andrew	\$121	10/22	60%	87%	Pipe testing is planned to take place during Force Main Relocation Project.
3.	Force Main Corrosion Repairs Project Phase 3 – Andrew	\$60	12/21	75%	89%	Project construction is pending the completion of Force Main Relocation Project.
4.	Irvington Basin Masterplan Update - Andrew	\$378	11/21	89%	86%	Meeting to discuss capacity deficiencies and future projects held on August 12 <sup>th</sup> . Continued analysis of pollutant travel times for Irvington Basin.
5.	Irvington Basin Reinforced Concrete Pipe Rehabilitation Project - Andrew	\$271	10/21	45%	66%	90% design submittal in progress.
6.	Odor Control Alternatives Study – Kevin	\$465	12/20	99%	100%	Report will be finalized after the pilot testing project is completed.
7.	Odor Control Pilot Study - Somporn	\$99	12/21	99%	100%	Draft Final Report was received. Consultant working on incorporating District comments.
8.	Plant Miscellaneous Improvements Project – Derek	\$185	03/22	0%	5%	Kickoff meeting was held on August 11 <sup>th</sup> .
9.	Pump Stations Chemical System Improvements Project - Thomas	\$738	10/21	60%	84%	90% design submittal in progress.
10.	Standby Power Generation System Upgrade Project – Kevin	\$2,281	01/21	89%	89%	Preparation of 100% design submittal in progress. Revised Addendum to IS/NMD circulated for public comment.
11.	WAS Thickener Replacement Project – Derek	\$807	06/21	100%	100%	100% design submittal was received.

## COLLECTION SERVICES ACTIVITIES REPORT AUGUST 2021

### Progress/Accomplishments




- No stoppages/no spills in August
- Completed 13.51 miles of sewer main cleaning in August
- Completed 10.92 miles of sewer main inspection in August
- Responded to 18 service request calls in August
- Completed a total of 31 sewer main repairs in August

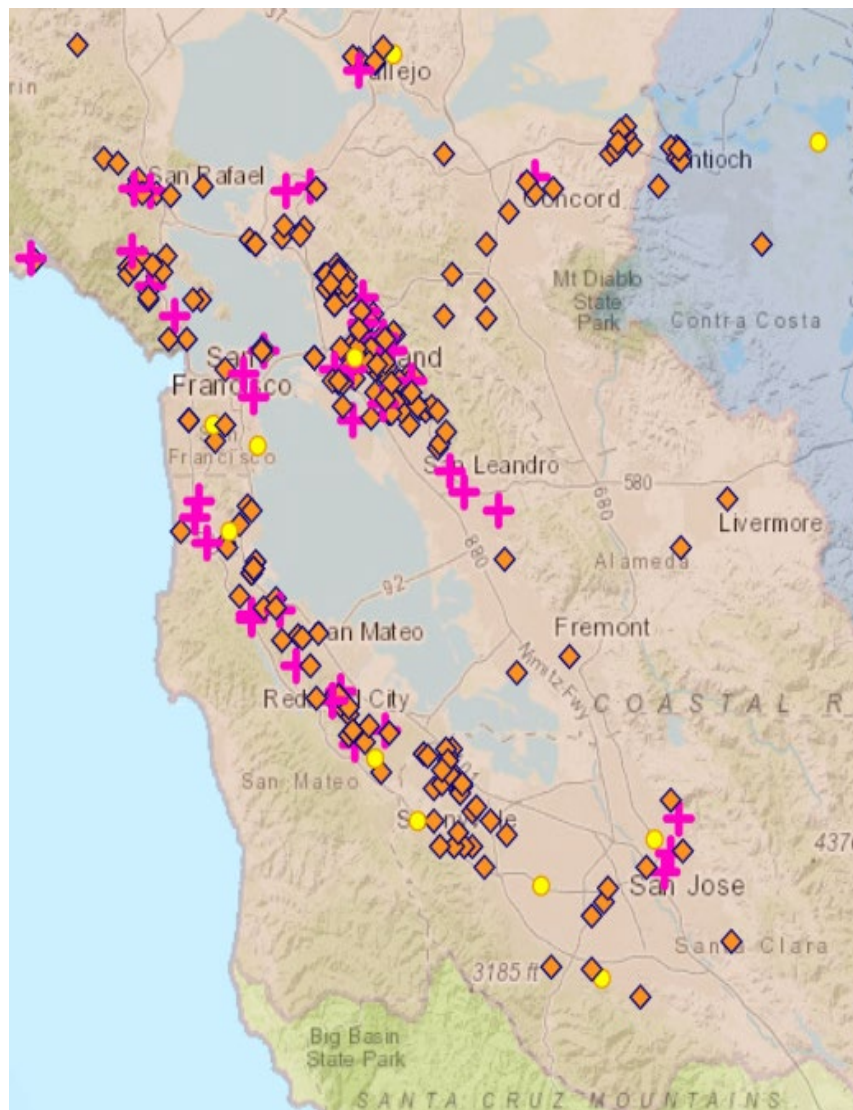
### Trainings/Significant Events

- CPR
- Haz Mat Training

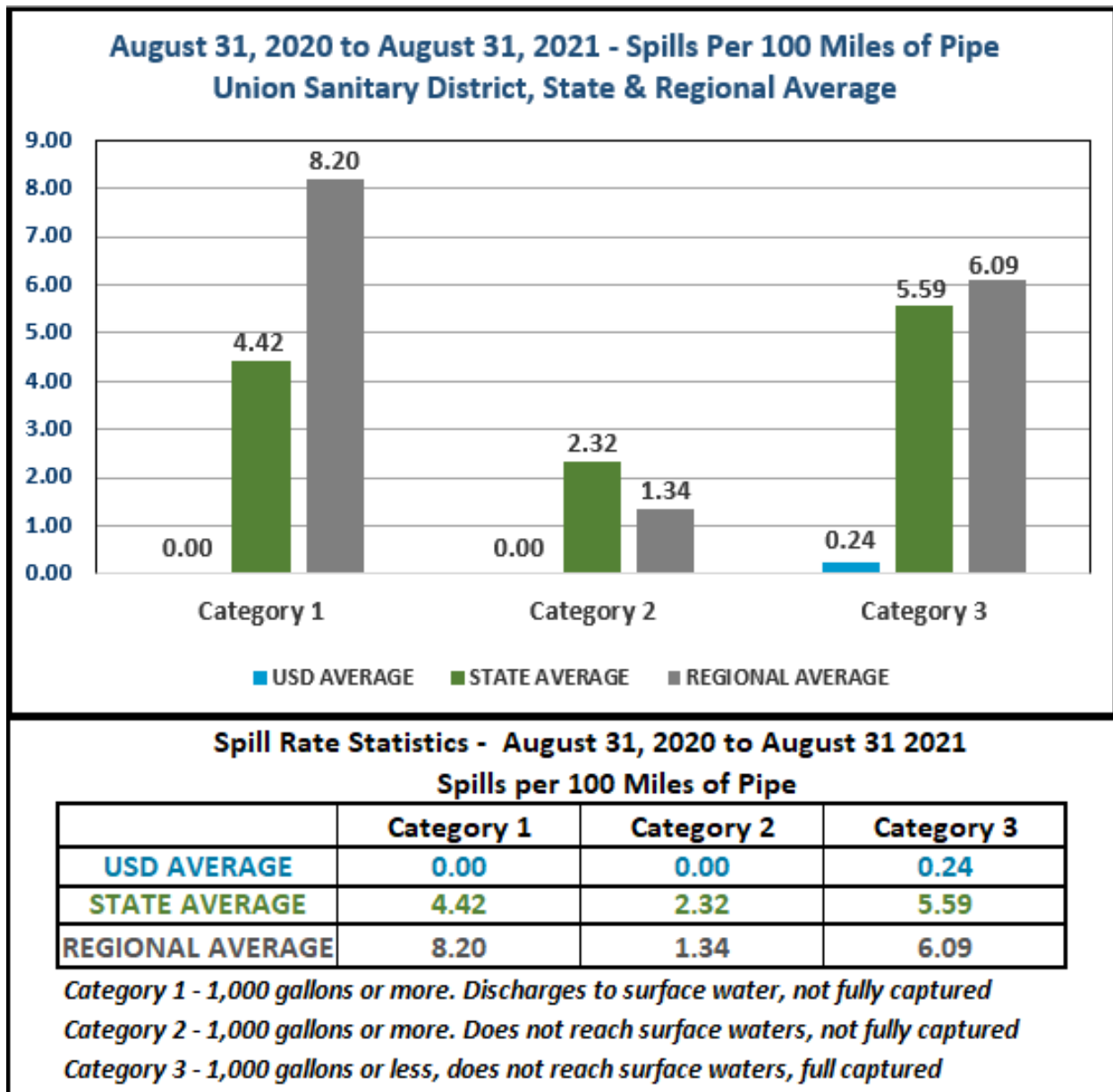
### Reported Bay Area Spills August 31, 2020 to August 31, 2021

#### MAP LEGEND

	<b>Category 1</b> = Any SSO to surface water or drainage channel regardless of size
	<b>Category 2</b> = $\geq 1,000$ gallons that do not reach surface water or drainage channel
	<b>Category 3</b> = $< 1,000$ gallons that do not reach surface water or drainage channel

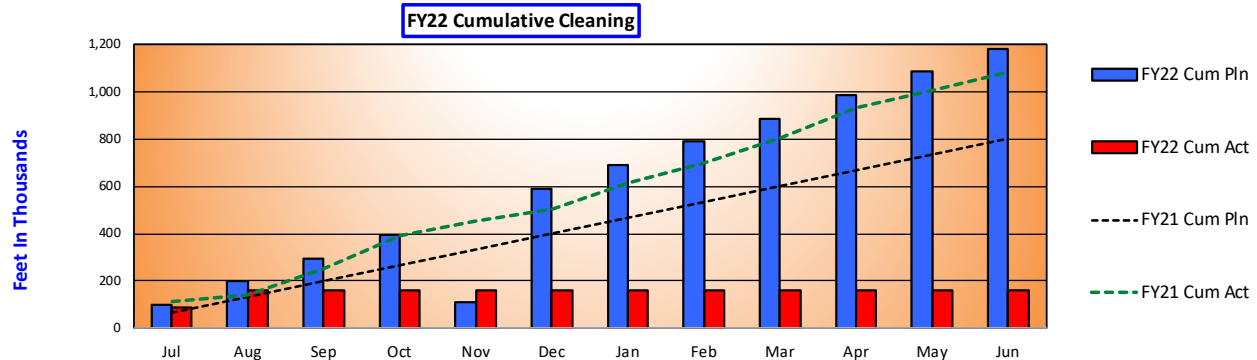


## August 31, 2020 to August 31, 2021 Spills Per 100 Miles of Pipe Union Sanitary District, State & Regional Average



## Performance Measures

### FY22 PLAN

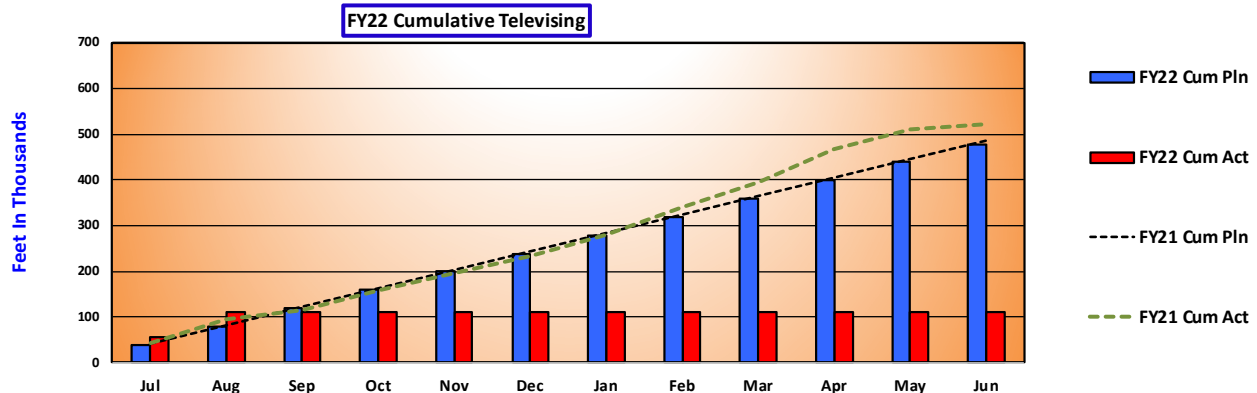


#### Cleaning Actual Footages/Costs

**August-21 Clean Cost/Ft = \$1.07**

Description	Jul-21 Footage	Aug-21 Footage	Sept-21 Footage	FY22 Q1 Footage	FY22 YTD Footage	FY21 Footage	FY22 YE Goal	% Cmpl to Plan
84 Month Hydro-Jet Clean	77,637	24,994		102,631	102,631	537,616	634,499	16.2%
Selective Line Cleaning	3,554	37,871		41,425	41,425	200,764	193,168	21.4%
Special Condition Clean (NIC in Total)	1,691	0		1,691	1,691	23,622	24,124	7.0%
Root Control/Chemical Cln	5,314	8,463		13,777	13,777	338,555	354,820	3.9%
Other Special Projects (NIC in Total)	0	0		0	0	0	0	0.0%
Spills/Stoppages (NIC in Total)	0	0		0	0	0	0	0.0%
<b>Totals</b>	<b>86,505</b>	<b>71,328</b>	<b>0</b>	<b>157,833</b>	<b>157,833</b>	<b>1,081,602</b>	<b>1,182,487</b>	<b>13.3%</b>

### FY22 PLAN



#### Televising Actual Footages/Costs

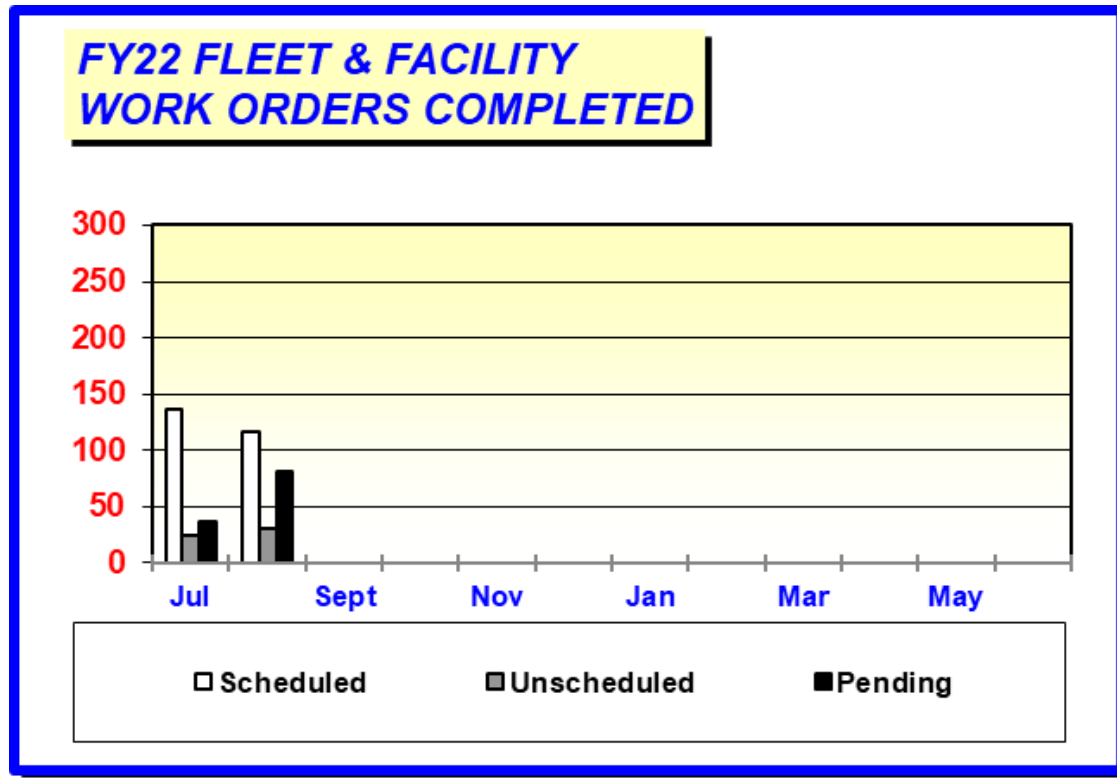
**August-21 TVCost/Ft = \$1.81**

Description	Jul-21 Footage	Aug-21 Footage	Sept-21 Footage	FY22 Q1 Footage	FY22 YTD Footage	FY21 Footage	FY22 YE Goal	% Cmpl to Plan
84 Month TV Inspection	54,694	49,240		103,934	103,934	481,639	423,311	24.6%
84 Month Manhole Inspection Count	129	136		265	265	1,163	2,351	11.3%
Visual/Condition, Pre/Post Cnst TV (NIC in total)	0	0		0	0	1,793	17,347	0.0%
Visual Manhole Inspection Count	24	49		73	73	329	-	-
New Development, CIP, Misc. (NIC in total)	1,627	2,370		3,997	3,997	33,140	39,736	10.1%
QA/QC Line Condition	0	0		0	0	19,201	19,317	0.0%
QA/QC Root Control	0	6,031		6,031	6,031	22,270	35,482	17.0%
<b>Totals</b>	<b>54,694</b>	<b>55,271</b>	<b>0</b>	<b>109,965</b>	<b>109,965</b>	<b>523,110</b>	<b>478,110</b>	<b>23.0%</b>

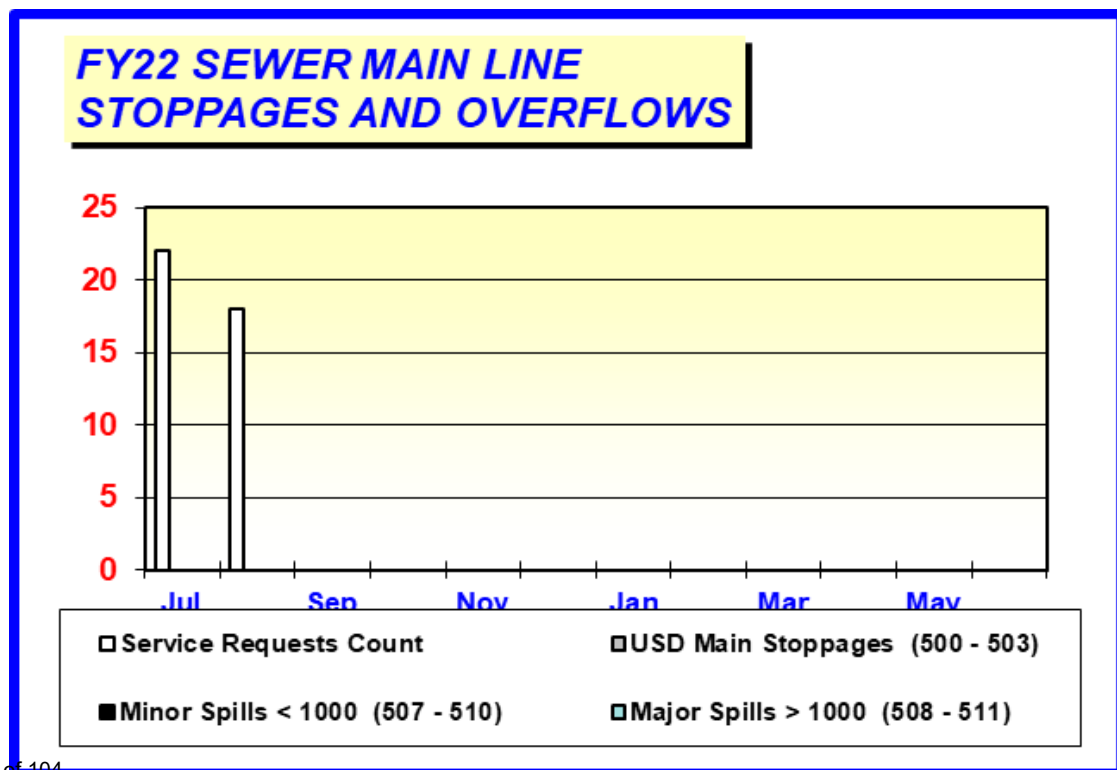
## Other Collection Services Status Data:

### Support Team Work Order Status:

C/S



### Maintenance Status:



## Fabrication, Maintenance and Construction Activities Report August 2021

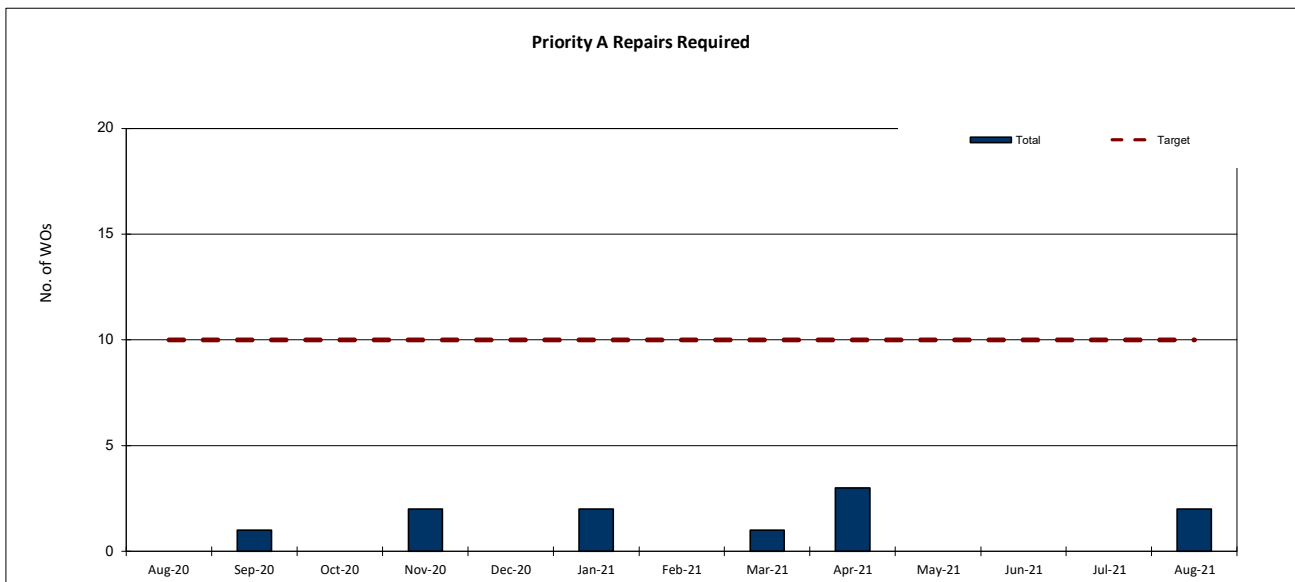
### Progress/Accomplishments

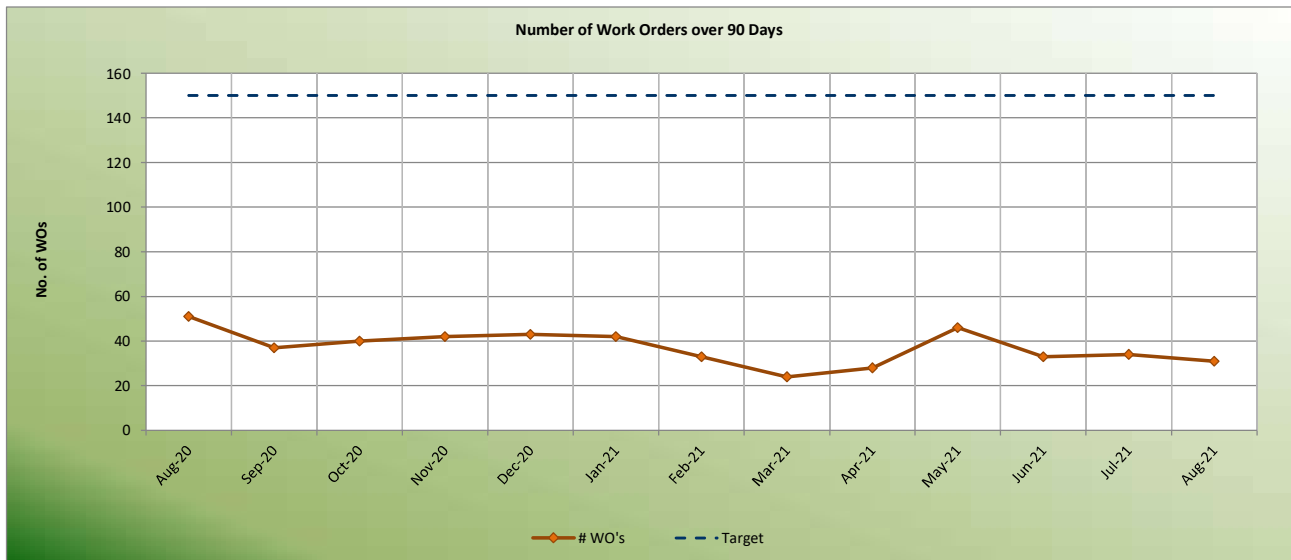
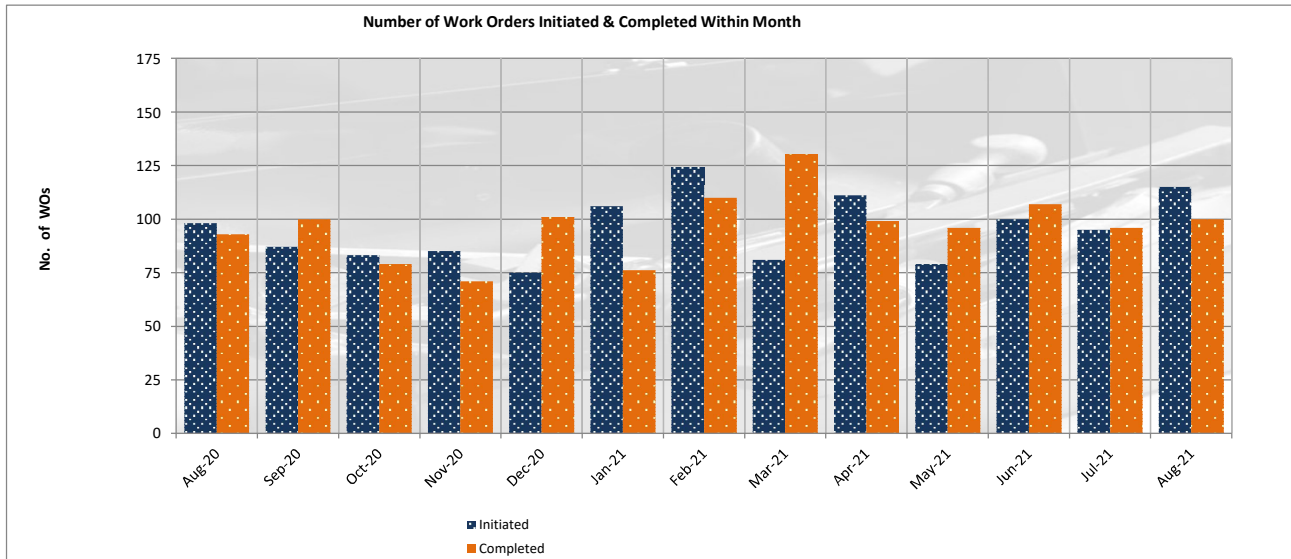
- Completed 98.76% of preventive maintenance activities for the month of August
- Completed 100 corrective maintenance work orders for the month of August
- East Force Main layup for replacement
- East Force Main start up thru bypass
- Secondary Clarifier's 1 and 2 annual services
- Odor Scrubber 18 overhaul
- SOSR support for Force Main replacement, Digester 7, APS upgrade, Centrifuge conveyor replacement.

### Future Planning

- Co-gen 1 10K service
- Co-gen 2 valve adjustment
- Thickener pump 6 check valve replacement
- Dewatering and grit removal of Headworks channel 3
- Shutdown for Calcium Thiosulfate project
- Take east force main offline to allow for connection on new east force main.

### Performance Measurements







**Treatment & Disposal  
Activities Report  
August 2021**

**Progress/Accomplishments**

- Maintained 100% compliance with National Pollutant Discharge Elimination System (NPDES) permits
- Completed 98% preventive maintenance activities for the month of August
- Issued a final offer and onboarded the new Limited Duration Plant Operator III Trainee
- Successfully completed annual performance testing for Environmental Laboratory Accreditation Program (ELAP) certification for chemistry and microbiology
- Attended the BACWA Nutrient Strategy Team meeting

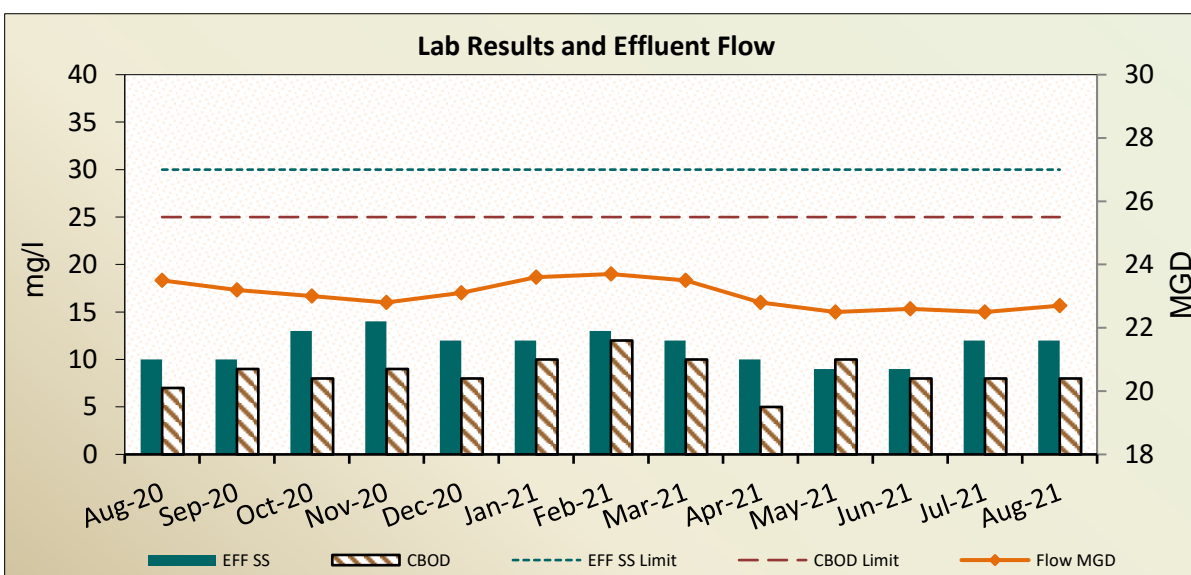
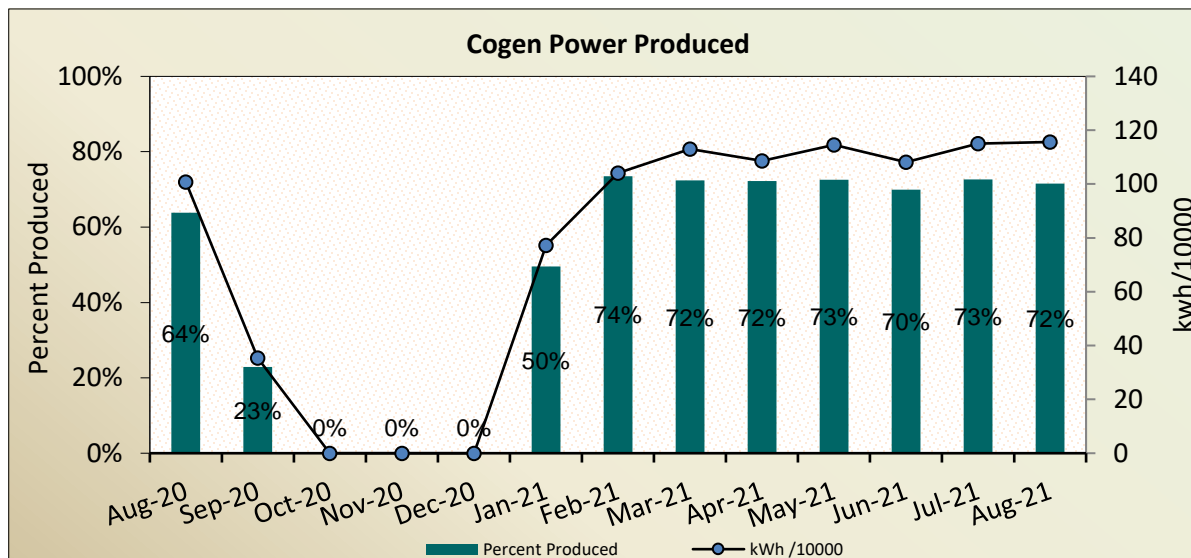
**Future Planning**

- Complete review for NPDES permit application for the East Bay Discharger's Authority (EBDA)
- Complete Bay Area Air Quality Management District (BAAQMD) info updates for Newark Pump Station (NPS) and Irvington Pump Station (IPS)

**Other**

- Cogeneration system produced 72% of power consumed for the month of August

## Performance Measurements



USD's Final Effluent Monthly Monitoring Results				
Parameter	EBDA Limit	Jun-21	Jul-21	Aug-21
Copper, µg/l	78	4.0	4.4	4.1
Mercury, µg/l	0.066	0.0022	0.0032	0.0021
Cyanide, µg/l	42	E 0.94	E 1.3	E 1.3
Ammonia- N, mg/L (Range)	130	40.6 - 43.8	40.0 - 44.1	42 - 47.4
Fecal Coliform, MPN/100ml (Range)				
• 5-Day Geometric Mean	500	52 - 70	42 - 63	38 - 64
• 11-Sample 90th Percentile	1100	71 - 78	78 - 96	155 - 155
Enterococci				
• Monthly Geometric Mean	240	20.6	21.0	13.2
E = Estimated value, concentration outside calibration range. For SIP, E = DNQ, estimated concentration.				

**Directors**

Manny Fernandez  
Tom Handley  
Pat Kite  
Anjali Lathi  
Jennifer Toy

**Officers**

Paul R. Eldredge  
*General Manager/  
District Engineer*

Karen W. Murphy  
*Attorney*

**SEPTEMBER 27, 2021  
BOARD OF DIRECTORS MEETING  
AGENDA ITEM #9**

**TITLE:**               **Designate and Appoint Two Board Representatives to Ad Hoc Subcommittee on General Manager Contract Negotiations (*This is a Motion Item*)**

**SUBMITTED:**     Karen W. Murphy, General Counsel

**Recommendation**

It is recommended that the Board designate and appoint two representatives to an ad hoc subcommittee on the General Manager's contract negotiations.

**Background**

The Fourth Amended and Restated Employment Agreement between the Union Sanitary District and Paul R. Eldredge to serve as General Manager and District Engineer, approved October 12, 2020, provides that the Board will review the General Manager's compensation annually. This agenda item requests that the Board designate two Board members to serve as the Board's representatives for contract review and compensation negotiations with the General Manager.

**Previous Board Action**

The Board considers this action annually prior to scheduling the General Manager's performance evaluation.

**Directors**

Manny Fernandez  
Tom Handley  
Pat Kite  
Anjali Lathi  
Jennifer Toy

**Officers**

Paul R. Eldredge  
*General Manager/  
District Engineer*

Karen W. Murphy  
*Attorney*

**SEPTEMBER 27, 2021  
BOARD OF DIRECTORS MEETING  
AGENDA ITEM # 10**

**TITLE:** Consider a Resolution to Accept a Sanitary Sewer Easement for Tract 8391 – Centerville Pioneer, Located on Bonde Way near Post Street, in the City of Fremont (*This is a Motion Item*)

**SUBMITTED:** Paul R. Eldredge, General Manager/District Engineer  
Sami E. Ghossain, Technical Services Work Group Manager  
Rollie Arbolante, Customer Service Team Coach  
Rod Schurman, Associate Engineer

**Recommendation**

Staff recommends the Board consider a resolution to accept a sanitary sewer easement for Tract 8391 – Centerville Pioneer, located on Bonde Way near Post Street, in the City of Fremont.

**Discussion**

The developer, Centerville Presbyterian Church, is constructing a residential development consisting of 8 condominium units in 2 buildings. The development is located on the west side of Bonde Way between Post Street and Fremont Boulevard, in the city of Fremont. A vicinity map is attached.

Sanitary sewer service for the residential development will be provided by new 8-inch sewer mains in the development's roadways that discharge to an existing 8-inch sewer main in Bonde Way. The roadways within Tract 8391 do not meet the City of Fremont's street dimensions and structure setback requirements for public streets and were, therefore, designated as private. Centerville Presbyterian Church has constructed new 8-inch sewer mains within the private roadways and has granted the District a sanitary sewer easement that provides for access and maintenance of the new sewer mains.

A Legal description and plat map has been prepared for the Grant of Easement for Sanitary Sewer Purposes. District staff has reviewed the documents and recommends approval.

**Background**

None.

**Previous Board Action**

None.

PRE/SEG/RA/RS:mb

Attachments: Vicinity Map

Resolution Accepting Grant of Easement

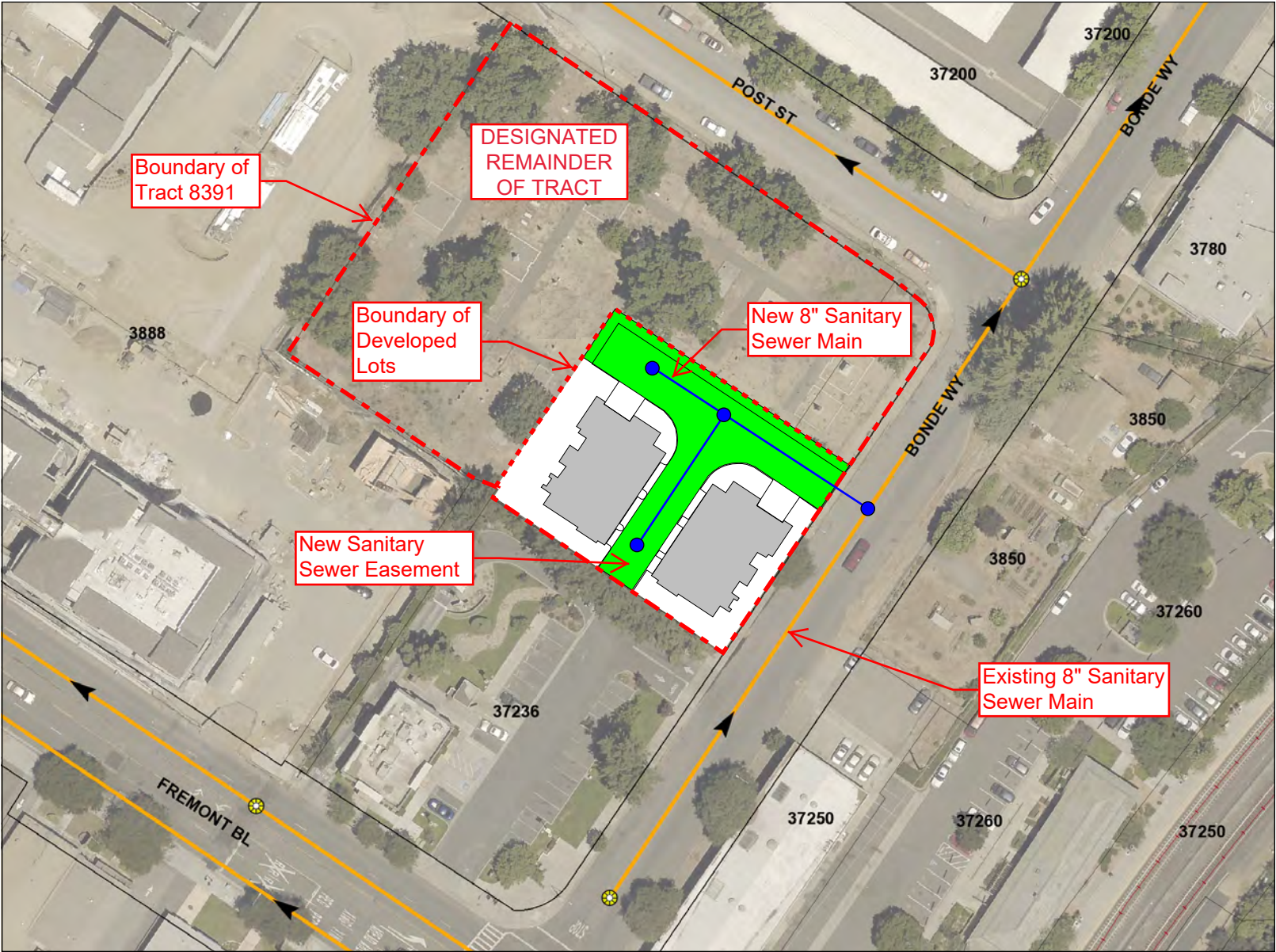
Grant of Easement Recording Request with Certificate of Acceptance

Grant of Easement for Sanitary Sewer Purposes with Exhibits A & B





Vicinity Map: Grant of SSE, Tract 8391 - Centerville Pioneer,  
on Bonde Way near Post Street, Fremont



Legend

Sewer Manholes

- Drop manhole
- End Cap
- Forcemain access
- Forcemain air release
- Forcemain blow off
- Junction structure
- Lamphole
- Lift station
- Manhole
- New Manhole
- Riser

Sewer Mains

- <all other values>
- EBDA outfall
- Forcemain
- Gravity main
- New Gravity main
- Siphons
- Trunk Main

Railroad / BART

- <all other values>
- BART

Public Right of Way

Private Right of Way

New Sewer Easement

83.3 0 41.67 83.3 Feet



1:1,000



Printed: 9/9/2014 10:14 AM

For USD use only

The information on this map is provided by Union Sanitary District (USD) for internal use only. Such information is derived from multiple sources which may not be current, be outside the control of USD, and may be of indeterminate accuracy. The information provided hereon may be inaccurate or out of date and any person or entity who relies on said information for any purpose whatsoever does so solely at their own risk.

Notes

**RESOLUTION NO. \_\_\_\_\_**

**ACCEPT SANITARY SEWER EASEMENTS FOR TRACT 8391 –  
CENTERVILLE PIONEER, LOCATED AT BONDE WAY NEAR POST STREET,  
IN THE CITY OF FREMONT, CALIFORNIA**

RESOLVED by the Board of Directors of UNION SANITARY DISTRICT, that it hereby accepts the Grant of Easement from CENTERVILLE PRESBYTERIAN CHURCH, executed on July 26, 2019, as described in the Grant of Sanitary Sewer Easement, and by the legal description and plat map, attached as Exhibit A and B, respectively.

FURTHER RESOLVED by the Board of Directors of UNION SANITARY DISTRICT that it hereby authorizes the General Manager/District Engineer, or his designee, to attend to the recordation thereof.

On motion duly made and seconded, this resolution was adopted by the following vote on September 27, 2021:

AYES:

NOES:

ABSENT:

ABSTAIN:

\_\_\_\_\_  
PAT KITE  
President, Board of Directors  
Union Sanitary District

Attest:

\_\_\_\_\_  
MANNY FERNANDEZ  
Secretary, Board of Directors  
Union Sanitary District

RECORDING REQUESTED BY  
AND WHEN RECORDED RETURN TO:  
Union Sanitary District  
Attn: Regina McEvoy  
5072 Benson Road  
Union City, CA 94587

Record Without Fee  
*Pursuant to Government Code  
Section 27383*

*Space Above Reserved for Recorder's Use Only*

Documentary Transfer Tax \$0.00, consideration less than \$100 (R&T Code 11911)  
This instrument is exempt from recording fees (Govt. Code 27383)

## **GRANT OF EASEMENT**

**BY AND BETWEEN**

**CENTERVILLE PRESBYTERIAN CHURCH**

**AND**

**UNION SANITARY DISTRICT**

**Effective Date: September 27, 2021**



# CERTIFICATE OF ACCEPTANCE

(Grant of Easement)

This is to certify that the interest in real property conveyed by the Grant of Sanitary Sewer Easement, dated July 26, 2019, from CENTERVILLE PRESBYTERIAN CHURCH, to UNION SANITARY DISTRICT, an independent special district ("**District**"), is hereby accepted by the undersigned officer or agent on behalf of the District pursuant to authority conferred by Resolution No. \_\_\_\_\_, dated September 27, 2021, and the District consents to recordation thereof by its duly authorized officer.

Date: \_\_\_\_\_, 2021

**District**

UNION SANITARY DISTRICT

Paul R. Eldredge, General Manager

## ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California                   )  
County of Alameda         ) ss

On \_\_\_\_\_, 2021, before me, Regina Dyan McEvoy,  
(Name of Notary)

notary public, personally appeared \_\_\_\_\_  
 who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are  
 subscribed to the within instrument and acknowledged to me that he/she/they executed the same  
 in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument  
 the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

(Notary Signature)

RECORDING REQUESTED BY AND  
WHEN RECORDED RETURN TO:

Union Sanitary District  
5072 Benson Road  
Union City, CA 94587-2508  
Attention: Board Clerk

(ABOVE LINE FOR RECORDER'S USE ONLY)

Exempt from Recording Fee  
Per Gov't Code section 27383

### **GRANT OF SANITARY SEWER EASEMENT**

This Grant of Sanitary Sewer Easement (the "**Agreement**") is made and entered into as of \_\_\_\_\_, 2019 ("**Effective Date**"), by and between CENTERVILLE PRESBYTERIAN CHURCH, a religious organization, ("**Grantor**") and UNION SANITARY DISTRICT, a sanitary district organized under the laws of the State of California ("**Grantee**"). Grantor and Grantee may each be referred to as a "**Party**" or collectively as the "**Parties**."

### **RECITALS**

A. Grantor is the fee owner of that certain real property located at 37218 Fremont Boulevard in the City of Fremont, County of Alameda, State of California, identified as Lot A of Tract 8391, Alameda County Assessor Parcel Numbers 501 142601204 and 501 142601604, and more particularly described and depicted in Exhibit A attached hereto and incorporated herein by this reference ("**Grantor Property**").

B. Union Sanitary District ("**USD**") desires to obtain an easement over a portion of the Grantor Property for a sanitary sewer pipe and related appurtenances in order to effectuate the development of townhomes.

C. The Parties enter into this Agreement to provide USD with a recorded easement for a sanitary sewer pipe and any related appurtenances and for ingress to and egress from the easement area and over Grantor Property.

### **AGREEMENT**

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, the Parties agree as follows:

1. Grant of Sanitary Sewer Easement. Grantor hereby grants and dedicates to Grantee a non-exclusive perpetual easement in, over, under, and upon that certain real property described and depicted in Exhibit B ("**Easement Area**"), together with the perpetual right of ingress to and egress from the Easement Area, for sanitary sewer purposes, including the rights to access, excavate, install, replace, repair, reconstruct, upgrade, and maintain sanitary sewer pipes and facilities located within the Easement Area.

2. Limitation on Improvements; Landscaping. Grantee covenants and agree to keep the Easement Area free and clear of buildings, trees, or structures of any kind, except for low level landscaping, legal fences, and ground surfacing such as gravel, brick, unreinforced concrete, stone and asphalt.

3. Entire Agreement. This Agreement contains the entire understanding and agreement of the Parties relating to the rights herein granted and the obligations herein set forth. Any prior, contemporaneous, or subsequent written or oral representations and modifications concerning this Agreement shall be of no force or effect. This Agreement may be amended only by a written instrument signed by both Grantor and Grantee.

4. Counterparts. This Agreement may be executed in one or more counterparts, each of which shall, for all purposes, be deemed an original and all such counterparts, taken together, shall constitute one and the same instrument.

5. Recitals; Exhibits. The Recitals above and Exhibits attached hereto are incorporated herein by reference.

6. Covenants Running with the Land. Grantor Property is to be burdened by, and Grantee is to be benefited by, the provisions of this Agreement, and such property is to be benefited and burdened, as applicable by the covenants in this Agreement and is to be held, conveyed, hypothecated, encumbered, leased, rented, used, occupied, and improved subject to the foregoing limitations, restrictions, easements, covenants, obligations and conditions. All provisions of this Agreement shall run with the land and be binding upon and inure to the benefit of Grantor Property and all parties having or acquiring any right, title, or interest in Grantor Property and shall be binding upon and inure to the benefit of the Grantee and its successors and assigns.

IN WITNESS WHEREOF, the Parties have caused this Agreement to be duly executed as of the day and year first above written.

**GRANTOR:**

**GRANTEE:**

CENTERVILLE PRESBYTERIAN CHURCH

UNION SANITARY DISTRICT

By: James H. Harrison  
Name: JAMES H. HARRISON  
Its: BOARD MEMBER  
(signature must be notarized)

By: \_\_\_\_\_  
Name: Paul R. Eldredge  
Its: General Manager  
(signature must be notarized)

# CALIFORNIA CERTIFICATE OF ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California )

County of ALAMEDA )

On JULY 26, 2019 before me, CAROLINE Y. NGUYEN, NOTARY PUBLIC  
(here insert name and title of the officer)

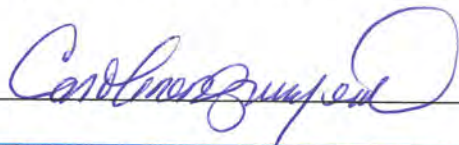
personally appeared JAMES H. HARRISON

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

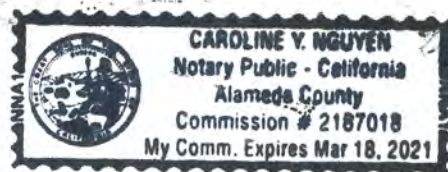
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature



(Seal)



## Optional Information

Although the information in this section is not required by law, it could prevent fraudulent removal and reattachment of this acknowledgment to an unauthorized document and may prove useful to persons relying on the attached document.

### Description of Attached Document

The preceding Certificate of Acknowledgment is attached to a document titled/for the purpose of \_\_\_\_\_

containing \_\_\_\_\_ pages, and dated \_\_\_\_\_

The signer(s) capacity or authority is/are as:

- ☐ Individual(s)  
☐ Attorney-in-Fact  
☐ Corporate Officer(s) \_\_\_\_\_  
Title(s) \_\_\_\_\_

- ☐ Guardian/Conservator  
☐ Partner - Limited/General  
☐ Trustee(s)  
☐ Other: \_\_\_\_\_

representing: \_\_\_\_\_  
Name(s) of Person(s) or Entity(ies) Signer is Representing

### Additional Information

#### Method of Signer Identification

Proved to me on the basis of satisfactory evidence:  
☐ form(s) of identification ☐ credible witness(es)

Notarial event is detailed in notary journal on:  
Page # \_\_\_\_\_ Entry # \_\_\_\_\_

Notary contact: \_\_\_\_\_

#### Other

☐ Additional Signer(s) ☐ Signer(s) Thumbprint(s)

☐ \_\_\_\_\_



**EXHIBIT A**  
**Legal Description**  
**Sanitary Sewer Easement**

Real property situate in the City of Fremont, County of Alameda, State of California, and being more particularly described as follows:

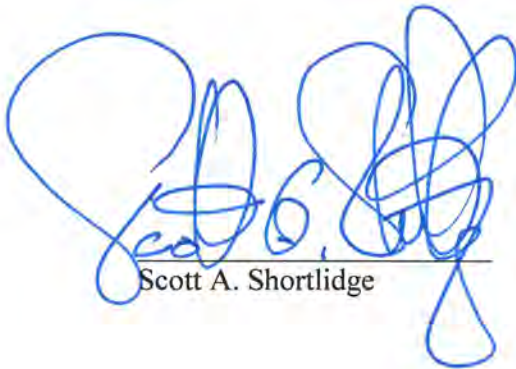
Being all of Lot "A" as said lot is shown and designated on the map of Tract 8391, filed on November 25, 2019, in Book 361 of Maps, at Page 64-66, Alameda County Records.

Containing 7,214 square feet of land, more or less.

See **Exhibit B** – Plat to Accompany Legal Description which is attached hereto and made a part hereof.

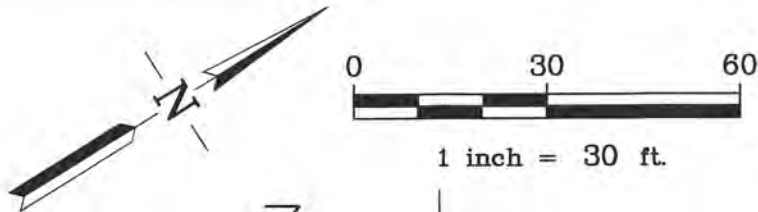
**END DESCRIPTION**

This description and its accompanying plat were prepared by or under my direction.

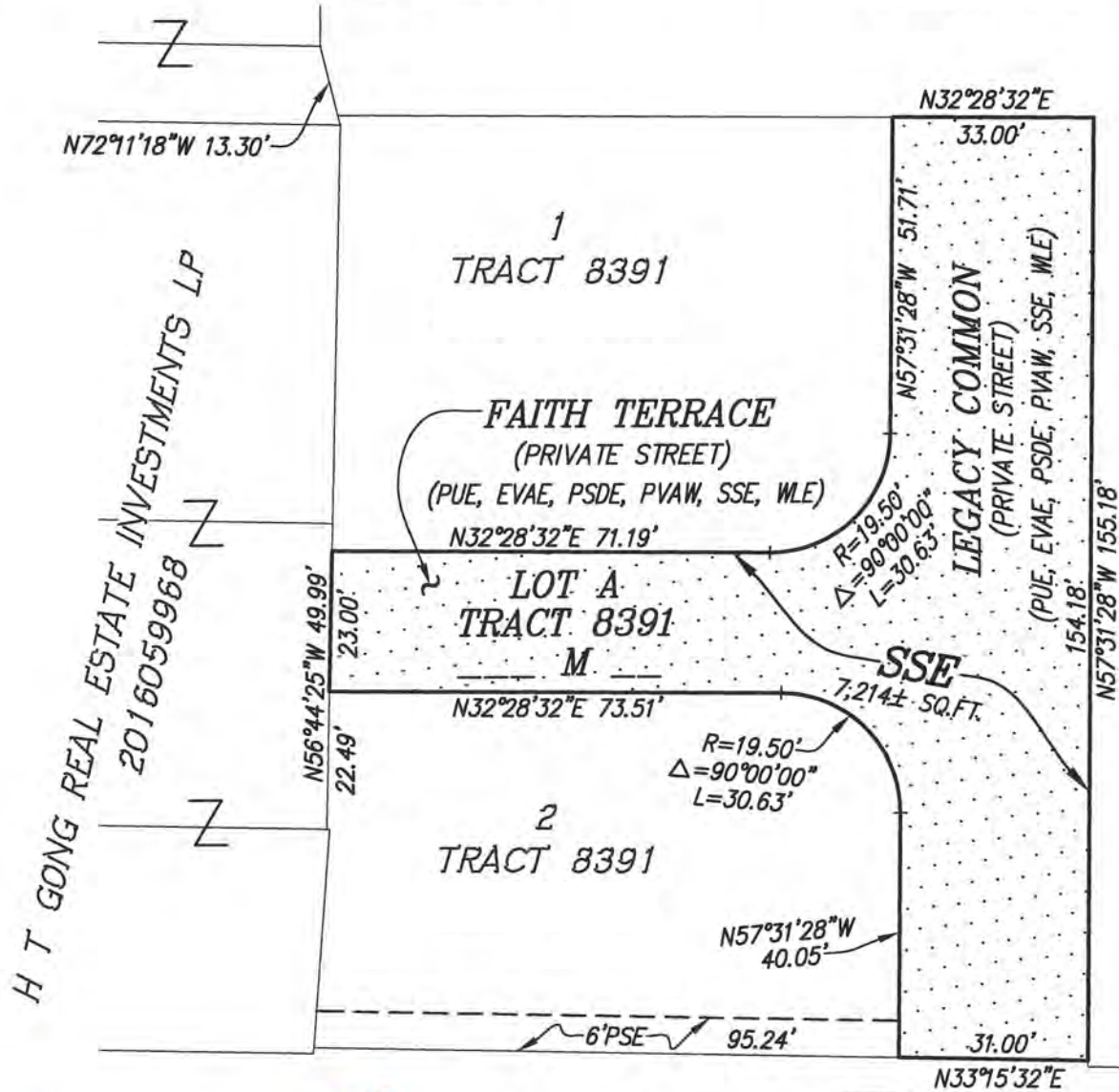
  
\_\_\_\_\_  
Scott A. Shortlidge



7-17-2019  
Date



DESIGNATED REMAINDER  
TRACT 8391



*Scott A. Shortlidge*  
SCOTT A. SHORTLIDGE, L.S. 6441  
7-17-2019  
DATE



Original Map may be found at USD, 5072 Benson Rd., Union City, CA 94587

EXHIBIT B  
PLAT TO ACCOMPANY LEGAL DESCRIPTION  
FOR  
SANITARY SEWER EASEMENT

58 of 104

CITY OF FREMONT, ALAMEDA COUNTY, CALIFORNIA



**RUGGERI-JENSEN-AZAR**

ENGINEERS • PLANNERS • SURVEYORS  
4690 CHABOT DRIVE, SUITE 200 PLEASANTON, CA 94588  
PHONE: (925) 227-9100 FAX: (925) 227-9300

SCALE:  
1"=30'

DATE:  
6-03-2019

JOB NO.:  
161038

**Directors**

Manny Fernandez  
Tom Handley  
Pat Kite  
Anjali Lathi  
Jennifer Toy

**Officers**

Paul R. Eldredge  
*General Manager/  
District Engineer*

Karen W. Murphy  
*Attorney*

**SEPTEMBER 27, 2021  
BOARD OF DIRECTORS MEETING  
AGENDA ITEM # 11**

**TITLE:** Consider a Resolution to Adopt a Revised Addendum to the Mitigated Negative Declaration for the Standby Power Generation System Upgrade Project and Approve Modifications to the Standby Power Generation System Upgrade Project as Set Forth in the Revised Addendum to the Mitigated Negative Declaration (*This is a Motion Item*)

**SUBMITTED:** Paul R. Eldredge, General Manager/District Engineer  
Sami E. Ghossain, Technical Services Work Group Manager  
Raymond Chau, CIP Team Coach  
Kevin Chun, Associate Engineer

**Recommendation**

Staff recommends the Board consider a resolution to adopt a Revised Addendum to the Initial Study/Mitigated Negative Declaration (IS/MND) and Mitigation Monitoring and Reporting Plan (MMRP) for the Standby Power Generation System Upgrade Project (Project) and approve modifications to the Project as set forth in the Revised Addendum to the Mitigated Negative Declaration.

**Discussion**

The Revised Addendum to the IS/MND addressed changes in the site plan, further reductions in the construction footprint, and refinements in the MMRP. These changes would not result in any new significant impacts not previously disclosed in the circulated IS/MND and Addendum, nor would it result in a substantial increase in the magnitude of any significant environmental impact previously identified. For these reasons, a revised Addendum to the adopted IS/MND is sufficient to meet the requirements of CEQA.

The Revised Addendum mainly include the following changes:

1. The connection of the new standby power system to a new service entrance switchgear (SWGR-SE) on the north side of the Plant next to the new Standby Power Building. The approved Project included in the IS/MND was to connect to the existing 12 kV SWGR-MVSA at the Main Electrical Building.
2. One new aboveground 20,000-gallon fuel storage tank, with space for a future tank, will be located along the western side of the Standby Power Building. The approved Project included in the IS/MND was to provide two above-ground 30,000-gallon fuel storage tanks, with space for a future tank, near the southwest corner of the Standby Power Building.
3. The new battery storage area has been designated east of the Standby Power Building, between the electrical transformers and the Veasy Street cul-de-sac. The approved Project included in the IS/MND was to provide a battery storage area located to the south of the original fuel storage area location.
4. The 480 V conduit to the Standby Power Building will be to SWGR-SE as shown on Figure 2. The approved Project, as modified in the original Addendum included two options for routing 480 volt (V) conduit to the Standby Power Building as shown on Figure 1.
5. The location of Substation No. 2 is correctly shown on Figure 2. The location of Substation No. 2 was incorrectly shown on Figure 1. The approved Project incorrectly showed the location of Substation No. 2 on Figure 2.
6. The Addendum to the IS/MND did not include the updated biological resources mitigation measure that included a preconstruction survey of a minimum of 100 feet for passerines and a minimum of 250 feet for raptors in the Project area.

The Revised Addendum to the IS/MND was circulated through the California State Clearinghouse for a 15-day review period from August 24, 2021 through September 8, 2021. Staff received no comments during the review period. Scheidegger and Associates, subconsultant to Brown and Caldwell (BC), confirmed with the California State Clearinghouse that no comments were received.

Following adoption of the Revised Addendum to the IS/MND for the Project, staff will file the attached Notice of Determination with the Governor's Office of Planning and Research and the Alameda County Clerk.

### **Background**

The Project was identified from a study completed in 2016 to evaluate the condition of the Plant's current standby power system. The study concluded that the current standby generator equipment, generator control systems, and electrical switchgear equipment are outdated,



unreliable, and difficult to maintain due to the age and obsolescence of the equipment and systems.

In February 2019, Scheidegger and Associates prepared the IS/MND for the proposed Project. Pursuant to the California Environmental Quality Act, the consultant analyzed the Project's potential impact with respect to various environmental factors (e.g., air quality, biological resources, cultural resources, etc.) and required mitigation measures to be included in the Project to mitigate impacts to the environment. The IS/MND concluded that while several potential adverse environmental impacts could result from the Project, measures could be used to effectively mitigate these impacts. Accordingly, it was determined that a MND was appropriate for the Project.

Staff made the IS/MND available for public and local and state agency review during the period of February 19, 2019 through March 20, 2019. On March 11, 2019, a public hearing was held during the Board meeting to allow for public comment. Staff did not receive any comments during the public hearing.

During the review period, staff received comments from three agencies and a law firm requesting access to all reference documents listed in the IS/MND. Scheidegger and Associates prepared a Response Document to address comments from the three agencies and all reference documents listed in the IS/MND were made available to the law firm. The responses did not require recirculation of the IS/MND under CEQA Guidelines 15073.5, as the changes did not constitute substantial revisions, but merely clarified, amplified, or made insignificant modifications to the terms of the previously circulated IS/MND.

The District received a letter from the California State Clearinghouse, dated March 21, 2019, indicating that they received comments from the Native American Heritage Commission and the State Water Resources Control Board (SWRCB) by the comment period end date. These comments are the same comments staff received from the agencies during the review period. The letter also acknowledged that the District complied with the State Clearinghouse review requirements for draft environmental documents, pursuant to the California Environmental Quality Act.

In October 2019, the Board adopted the IS/MND for the Project by Resolution No. 2869, and staff filed a Notice of Determination with the Governor's Office of Planning and Research and the Alameda County Clerk.

At the time, the District was in the process of developing the Enhanced Site Treatment Upgrade (ESTU) program to serve as a roadmap for the Alvarado WWTP's infrastructure over the next 40 years. The ESTU program evaluated two potential secondary improvement alternatives that could address the plant's solids capacity needs: conventional activated sludge and membrane

bioreactor (MBR). The final ETSU program determined that an enhanced conventional activated sludge secondary process is the best value solution for the District. After finalizing the ESTU program, staff decided to re-evaluate the basis of design for the Project to ensure standby power capacity identified in the Project is appropriate. The evaluation concluded the electrical load projections were lower for the conventional activated sludge secondary treatment process when compared to the membrane bioreactor technology, and instead of the 3.5-megawatt (MW) generators originally planned for the Project, 2.5-MW generators would be of sufficient capacity to meet future power demands. An addendum to the IS/MND was circulated for public review to update the number and size of the generators in the IS/MND based on the revised basis of design.

In January 2020, Scheidegger and Associates completed an Addendum to the IS/MND pursuant to CEQA Guidelines 15164 to update the change in the number and size of generators in the IS/MND based on the revised basis of design. The addendum concluded that the revised Project would not result in any new significant impacts not previously disclosed in the original IS/MND, nor would it result in a substantial increase in the magnitude of any significant environmental impact previously identified.

In February 2020, the Board adopted the Addendum to the IS/MND by Resolution No. 2885, and staff filed a Notice of Determination with the Governor's Office of Planning and Research and the Alameda County Clerk.

#### Revised Addendum

Figure 1 shows the updated site plan with construction characteristics for the modified Project as included in the original Addendum to the IS/MND adopted by the Board on February 24, 2020, and Figure 2 shows the current site plan for this Revised Addendum. The changes since the IS/MND was adopted include the following:

1. The Phase 1A Aeration Basin Modifications Project will construct a new 12 kilovolt utility service entrance switchgear (SWGR-SE) on the north side of the Plant next to the new Standby Power Building to simplify the construction of multiple projects, including the Standby Power Generation System Upgrade Project. The connection of the new standby power system to the new SWGR-SE would reduce construction risks and simplify construction sequencing by not having to connect to the existing 12 kV SWGR-MVSA at the Main Electrical Building. The design of the new Standby Power Building layout was updated to accommodate the layout of the new SWGR-SE and easier electrical connection between the two facilities. The electrical room in the Standby Power Building was moved from the west side of the building to the east. On the exterior of the building, the electrical transformers were moved from the west side of the building to the east while the aboveground diesel fuel tank moved from the east side of the building to the west.

2. One new aboveground 20,000-gallon fuel storage tank, with space for a future tank, will be located along the western side of the Standby Power Building. The approved Project included in the IS/MND was to provide two above-ground 30,000-gallon fuel storage tanks, with space for a future tank, near the southwest corner of the Standby Power Building.
3. The battery storage area was originally shown to be located to the south of the original fuel storage area location but was eliminated. During subsequent design development by BC and Hazen and Sawyer, the design consultant of the Phase 1A Aeration Basin Modifications Project, a new battery storage area has been designated east of the Standby Power Building, between the electrical transformers and the Veasy Street cul-de-sac.
4. The modified Project in the original Addendum included two options for routing 480 V conduit to the Standby Power Building as shown on Figure 1. Option 1 would require routing about 700 feet of new conduit and Option 2 about 150 feet of conduit in the updated Project, however, neither ductbank route option was selected. Instead, the 480 V conduit to the Standby Power Building will be to SWGR-SE as shown on Figure 2.
5. A new Substation No. 2 is still included in the Project to replace the existing Substation No. 2. The location of Substation No. 2 was incorrectly shown on Figure 1. The location of Substation No. 2 is correctly shown on Figure 2. Approximately 200 feet of new ductbank is still required to connect Substation No. 2 to the Odor Control Building as shown on Figure 2.
6. The Addendum to the IS/MND did not include the updated biological resources mitigation measure that included a preconstruction survey of a minimum of 100 feet for passerines and a minimum of 250 feet for raptors in the Project area.

A summary of the Project's major scope items is as follows:

- Installation of three new 2.5-MW standby engine generators and necessary appurtenances, located at the north end of the Plant, west of the Veasy Street cul-de-sac.
- Construction of a new, smaller prefabricated metal building sized to house three new standby engine generators, with room for one future standby engine generator and associated electrical equipment.
- Construction of comparable, exterior pad-mounted equipment such as transformers and aboveground diesel fuel storage tank.
- Construction of a new double-ended switchgear to replace the existing Substation No. 2 and Odor Control Building switchgears. At the Odor Control Building, the two existing motor control centers will be replaced.
- Installation of new electrical duct banks.

- Demolition of existing equipment and structures such as the six current standby engine generators, generator control panels and switchgears, and PLC panels.

### Previous Board Action

March 11, 2019, the Board conducted a public hearing to receive comments on the IS/MND of Environmental Impacts for the Standby Power Generation System Upgrade Project.

October 14, 2019, the Board adopted the IS/MND for the Project and approved the Project as defined in the IS/MND.

February 24, 2020, the Board adopted an addendum to the IS/MND for the Project and approved modifications to the Project as set forth in the addendum to the IS/MND.

PRE/SEG/RC/KC/mb

Attachments: Figure 1 – Site Plan Adopted by the District on February 24, 2020  
Figure 2 – Site Plan of Modified Project in the Revised Addendum  
Initial Study/Mitigated Negative Declaration (link below)  
Addendum to the Initial Study/Mitigated Negative Declaration (link below)  
Revised Addendum to the Initial Study/Mitigated Negative Declaration (link  
below)  
Notice of Determination  
Resolution

The following documents can be downloaded at the links below:

Initial Study/Mitigated Negative Declaration (which includes the Mitigation Monitoring and Reporting Plan)

## Addendum to the Initial Study/Mitigated Negative Declaration

Revised Addendum to the Initial Study/Mitigated Negative Declaration



Source: Brown and Caldwell, December 2019

**Figure 1. Construction Characteristics of Modified Standby Power Generation System Upgrade Project as Included in Addendum Adopted by USD on February 24, 2020**





Source: Brown and Caldwell, January 2021

**Figure 2. Construction Characteristics of Modified Standby Power Generation System Upgrade Project as Included in this Revised Addendum**

## Notice of Determination

## Appendix D

**To:**

☒ Office of Planning and Research  
U.S. Mail: \_\_\_\_\_ Street Address: \_\_\_\_\_  
P.O. Box 3044 1400 Tenth Street, Rm 113  
Sacramento, CA 95812-3044 Sacramento, CA 95814

**From:**

Public Agency: \_\_\_\_\_ Union Sanitary District  
Address: \_\_\_\_\_ 5072 Benson Road  
\_\_\_\_\_ Union City, CA 94587  
Contact: \_\_\_\_\_ Kevin Chun  
Phone: \_\_\_\_\_ (510) 477-7608

☒ County Clerk

County of: \_\_\_\_\_ Alameda  
Address: \_\_\_\_\_ 1106 Madison Street, First Floor  
\_\_\_\_\_ Oakland, CA 94607

Lead Agency (if different from above): \_\_\_\_\_

Address: \_\_\_\_\_  
Contact: \_\_\_\_\_  
Phone: \_\_\_\_\_

**SUBJECT: Filing of Notice of Determination in compliance with Section 21108 or 21152 of the Public Resources Code.**

State Clearinghouse Number (if submitted to State Clearinghouse): \_\_\_\_\_ 2019029099

Project Title: \_\_\_\_\_ Standby Power Generation System Upgrade Project

Project Applicant: \_\_\_\_\_ Union Sanitary District

Project Location (include county): \_\_\_\_\_ Alvarado WWTP, Union City, Alameda County

Project Description: The revised Addendum addresses revisions to a December 2019 Addendum on the Project. These changes include modifications to the site plan, further reductions in the construction footprint, as well as refinements in the Mitigation Monitoring and Reporting Plan. The Project still includes three 2.5 MW engine generators with room for one future generator, in lieu of 3.5 MW generators, to supply reliable standby power for the Alvarado Wastewater Treatment Plant.

This is to advise that the \_\_\_\_\_ Union Sanitary District has approved the above  
☒ Lead Agency or ☐ Responsible Agency

described project on \_\_\_\_\_ September 27, 2021 \_\_\_\_\_ and has made the following determinations regarding the above  
(Date)  
described project:

1. The project [☐ will ☒ will not] have a significant effect on the environment.
2. ☐ An Environmental Impact Report was prepared for this project pursuant to the provisions of CEQA.  
☒ A Negative Declaration was prepared for this project pursuant to the provisions of CEQA.
3. Mitigation measures [☒ were ☐ were not] made a condition of the approval of the project.
4. A mitigation reporting or monitoring plan [☒ was ☐ was not] adopted for this project.
5. A Statement of Overriding Considerations [☐ was ☒ was not] adopted for this project.
6. Findings [☒ were ☐ were not] made pursuant to the provisions of CEQA.

This is to certify that the final EIR with comments and responses and record of project approval, or the Negative Declaration, is available to the General Public at:

\_\_\_\_\_ Union Sanitary District, 5072 Benson Road, Union City, CA 94587

Signature (Public Agency) \_\_\_\_\_ Title Associate Engineer

Date 9/28/2021 \_\_\_\_\_ Date Received for filing at OPR \_\_\_\_\_

Authority cited: Sections 21083, Public Resources Code.  
Reference Section 21000-21174, Public Resources Code.

Revised 2011

**RESOLUTION NO. \_\_\_\_\_**

**ADOPT A REVISED ADDENDUM TO THE MITIGATED NEGATIVE DECLARATION  
AND MITIGATION MONITORING AND REPORTING PLAN FOR THE STANDBY  
POWER GENERATION SYSTEM UPGRADE PROJECT AND APPROVE  
MODIFICATONS TO THE STANDBY POWER GENERATION SYSTEM UPGRADE  
PROJECT AS SET FORTH IN THE REVISED ADDENDUM TO THE MITIGATED  
NEGATIVE DECLARATION**

WHEREAS, on October 14, 2019, the Union Sanitary District Board of Directors adopted the Initial Study/Mitigated Negative Declaration (“IS/MND”) for the Standby Power Generation System Upgrade Project (the “Project”) and approved the Project as defined in the IS/MND; and

WHEREAS, on February 24, 2020, the Union Sanitary District Board of Directors adopted an Addendum to the IS/MND for the Project and approved the Project as defined in the Addendum to the IS/MND; and

WHEREAS, due to some changes in the Project, the Union Sanitary District (the “District”) prepared and distributed for comment a Revised Addendum to the IS/NMD (the “Revised Addendum”); and

WHEREAS, the District provided a comment period from August 24, 2021 through September 8, 2021; and

WHEREAS, the District received no written comments during the review period; and

WHEREAS, although the proposed Project could have a significant effect on the environment, mitigation measures included in the IS/MND, Addendum, and Revised Addendum would reduce all of the impacts to a less than significant level.

**NOW, THEREFORE, BE IT RESOLVED**, by the Board of Directors of the Union Sanitary District that:

1. The Board hereby makes the following findings and determinations with respect to the Standby Power Generation System Upgrade Project Revised Addendum to the IS/MND:
  - a. The Board has reviewed and considered the Revised Addendum to the IS/MND.
  - b. The information included in the Revised Addendum to the IS/MND constitutes minor changes or additions pursuant to CEQA Guidelines Section 15164 and none of the conditions described in Section 15162, including substantial changes to the project involving new significant impacts or new information showing new significant effects, have occurred. Further, the modifications constitute clarifying or amplifying



revisions or insignificant modifications, under CEQA Guidelines Section 15073.5, and no recirculation of the IS/MND is required.

- c. The Revised Addendum to the IS/MND adequately provides updated information on the environmental impacts of the Project. On the basis of the whole record before it, the Board finds that there is no substantial evidence that the Project, as mitigated and modified, will have a significant effect on the environment.
  - d. The Revised Addendum to the IS/MND has been completed in compliance with CEQA and the CEQA Guidelines.
- 2. The Board hereby adopts the Revised Addendum to the IS/MND for the proposed Standby Power Generation System Upgrade Project and hereby approves the modifications set forth in the Revised Addendum to the IS/MND for the Standby Power Generation System Upgrade Project.
  - 3. The Board hereby adopts the updated Mitigation Monitoring and Reporting Program included in the Revised Addendum to the IS/MND, which is incorporated herein by reference.
  - 4. The Board directs staff to file a notice of determination with the County Clerk of Alameda County.
  - 5. Pursuant to CEQA Guidelines section 15091(e), the documents and other materials that constitute the record of proceedings upon which the Board of Directors has based its recommendations are located in and may be obtained from, the Office of the Union Sanitary District at 5072 Benson Road, Union City, 94587. The Board Clerk is the custodian of records for all matters before the Board.

### **CERTIFICATION**

I do hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the Board of Directors of the Union Sanitary District, in Alameda County, California, held on the 27<sup>th</sup> day of September 2021.

AYES:

NOES:

ABSTAIN:

ABSENT:

---

PAT KITE  
President, Board of Directors  
Union Sanitary District

Attest:

---

MANNY FERNANDEZ  
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*

**SEPTEMBER 27, 2021  
BOARD OF DIRECTORS MEETING  
AGENDA ITEM # 12**

**TITLE:** Receive Information and Provide Direction Regarding AB 361 and Recent Developments Regarding Teleconferenced Meetings and Approach to Future Meetings *(This is a Direction 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**

Receive information and provide direction regarding AB 361 and recent developments regarding teleconferenced meetings and approach to future meetings.

**Discussion**

AB 361 was signed into law by the Governor on September 16, 2021, and went into effect immediately. It amends the Brown Act to allow local legislative bodies to continue using teleconferencing and virtual meeting technology after the September 30, 2021, expiration of the current Brown Act exemptions 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.

The key difference between existing Executive Order N-29-20 and AB 361 is that AB 361 requires a public comment period where the public can address the legislative body directly. It expressly prohibits councils and boards from limiting public comments to only comments submitted in advance 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 agenda must include information on the manner in which the public may access the meeting and provide comments remotely, and 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, 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.

In light of the new legislation, the Board may continue to hold virtual meetings in compliance with AB 361 after September 30, 2021. Alternatively, some agencies are beginning to transition to or are holding in-person meetings, which would require compliance with mask and other health requirements. As the legislation was just adopted, we will continue to monitor recommended best practices and other developments in this area and provide any updates verbally at the meeting.

**Previous Board Action**

None



**Directors**  
Manny Fernandez  
Tom Handley  
Pat Kite  
Anjali Lathi  
Jennifer Toy

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

Karen W. Murphy  
*Attorney*

**SEPTEMBER 27, 2021  
BOARD OF DIRECTORS MEETING  
AGENDA ITEM # 13**

**TITLE:**           **Status of Priority 1 Capital Improvement Program Projects (*This is an Information Item*)**

**SUBMITTED:**   Paul R. Eldredge, General Manager/District Engineer  
                      Sami E. Ghossain, Technical Services Work Group Manager

**Recommendation**  
Information only.

**Discussion**  
None.

**Background**

In June 2020, the Board approved the Capital Improvement Program (CIP) budget for FY21 in the amount of \$42.68 million for the design and construction of 27 CIP projects.

These 27 projects are ranked as Priority 1, 2, or 3 projects based on criteria prepared by staff and approved by the Executive Team. A copy of the criteria used to prioritize the projects is attached for your reference.

The status of the Priority 1 CIP projects is reviewed by the Executive Team at the end of each quarter and a copy of the status report is attached for the Board's review. For FY21, 17 projects are ranked as Priority 1 projects and the remaining 10 are ranked as Priority 2 or Priority 3 projects.

Agenda Item No. 13  
Meeting of September 27, 2021  
Page 2

Also attached is a tabular summary of the number and nature of the ongoing CIP projects at the District during FY21.

**Previous Board Action**  
None.

PRE/SEG:mb

Attachments: Priority 1 CIP Projects for FY21 - Status Report

Summary of CIP Projects for FY21  
Priority 1 CIP Project Criteria  
Priority 2 & 3 CIP Project Criteria

### **Priority 1 CIP Projects for FY 21 – Status Report**

	<b>CIP Project</b>	<b>Planned Milestones</b>	<b>Status after 1<sup>st</sup> Quarter</b>	<b>Status after 2<sup>nd</sup> Quarter</b>	<b>Status after 3<sup>rd</sup> Quarter</b>	<b>Status after 4<sup>th</sup> Quarter</b>
<b>1</b>	Central Avenue Sanitary Sewer Relocation	Complete the design 6 months after the City of Newark makes a determination on whether the sewer relocation design and construction can be done as part of the bridge design and construction.	Awaiting the City's response and their consultant's fee proposal for including sewer relocation in their bridge design.	Awaiting the City's response and their consultant's fee proposal for including sewer relocation in their bridge design.	Awaiting the City's response and their consultant's fee proposal for including sewer relocation in their bridge design.	Awaiting the City's response and their consultant's fee proposal for including sewer relocation in their bridge design.
<b>2</b>	RCP Sewer Rehab (Irvington Basin)	<ol style="list-style-type: none"> <li>1. Complete predesign by March 2021.</li> <li>2. Execute Task Order for design services by April 2021.</li> </ol>	Kickoff meeting for predesign was conducted in August. Consultant began review of CCTV of sewers.	Draft condition assessment report received in Dec. Commenced with development of scope and fee for final design.	Predesign completed in January 2021. Task Order for design services executed in February 2021.	50% design submittal review completed.
<b>3</b>	Cherry St. PS	<ol style="list-style-type: none"> <li>1. Complete PG&amp;E application review and approval process for electrical service upgrade by December 2020.</li> <li>2. Complete design for PS upgrade by March 2021.</li> <li>3. Award construction contract for PS upgrade by June 2021.</li> </ol>	Design task order was negotiated with consultant. Design task order should be executed in October.	Submitted application to PG&E for electrical service upgrade. Received 50% design submittal in December.	PG&E initiated engineering review of application for electrical service upgrade.  50% design submittal review completed.	Waiting for PG&E to confirm new service routing and complete the engineering review.  90% design submittal review completed.
<b>4</b>	Digester No. 1 Insp. and Rehab	<ol style="list-style-type: none"> <li>1. Complete condition assessment by April 2021.</li> <li>2. Complete design by June 2021.</li> </ol>	RFPs for condition assessment and design services were issued. Consultant proposals are due in October.	Consultants were selected. Contracts on hold pending completion of the Dig 2 construction project.	Project scope and schedule has been revised. Tentatively scheduled to be completed in FY22 and FY23.	Project scope and schedule has been revised. Tentatively scheduled to be completed in FY22 and FY23.
<b>5</b>	Digester No. 2 Insp. and Rehab.	Achieve Substantial Completion by November 2020.	Completed final effluent screen and secondary effluent pipeline repairs.	Main construction completed in Dec. However, Digester operational test has failed.	Digester operational test will resume in fourth quarter.	Digester operational test completed. Project's Substantial Completion was achieved on June 7.

### **Priority 1 CIP Projects for FY 21 – Status Report**

	<b>CIP Project</b>	<b>Planned Milestones</b>	<b>Status after 1<sup>st</sup> Quarter</b>	<b>Status after 2<sup>nd</sup> Quarter</b>	<b>Status after 3<sup>rd</sup> Quarter</b>	<b>Status after 4<sup>th</sup> Quarter</b>
<b>6</b>	Digester No. 7	1. Complete the construction of the ferrous salt facility by January 2021. 2. Complete digester concrete installation by June 2021.	Completed digester slab concrete pours. Began rebar installation for the digester walls.	Seven of eight digester walls completed. Construction of the ferrous salt facility continued.	Concrete placement of the digester walls and roof completed. Construction of the ferrous salt facility continued.	Continued digester watertightness test, piping/equipment installation, and testing of the ferrous salt facility.
<b>7</b>	ETSU – Aeration Basin Modifications	Complete design by June 2021.	30% Design submittal received in September.	Final 30% Design Report completed November 2020	50% Design Submittal Received in January	100% design submitted.
<b>8</b>	ETSU – Aeration Basin No. 8	Complete design by June 2021.	30% Design submittal received in September.	Final 30% Design Report completed November 2020	50% Design Submittal Received in January	100% design submitted.
<b>9</b>	ETSU – Blower 7-10 Replacement	Complete design by June 2021.	30% Design submittal received in September.	Final 30% Design Report completed November 2020	50% Design Submittal Received in January	100% design submitted.
<b>10</b>	ETSU – Campus Buildings (Admin, FMC, Ops)	Complete 90% design by June 2021.	Preliminary Campus Building layout received in September.	Draft Schematic Design Package Received December 2020	Schematic Design Package review by staff completed in February	90% design submittal anticipated July 2021.
<b>11</b>	ETSU – Effluent Facilities	1. Complete 30% design by December 2020. 2. Begin final design by June 2021.	30% Design submittal received in September.	Final 30% Design Report completed November 2020	Agreement for Final Design executed in January	50% design submitted.
<b>12</b>	ETSU – Secondary Clarifiers	1. Complete 30% design by December 31, 2020. 2. Begin final design by June 2021.	30% Design submittal received in September.	Final 30% Design Report completed November 2020	Agreement for Final Design executed in January	50% design submitted.
<b>13</b>	Force Main Corrosion Repairs – Phase 3	Award of the construction contract of this project is dependent on the construction of the Twin Force Mains Relocation - Phase 2 project.	Project on hold pending the completion of the Force Main Relocation – Phase 2 Project.	Project on hold pending the completion of the Force Main Relocation – Phase 2 Project.	Project on hold pending the completion of the Force Main Relocation – Phase 2 Project.	Project on hold pending the completion of the Force Main Relocation – Phase 2 Project.



### **Priority 1 CIP Projects for FY 21 – Status Report**

	<b>CIP Project</b>	<b>Planned Milestones</b>	<b>Status after 1<sup>st</sup> Quarter</b>	<b>Status after 2<sup>nd</sup> Quarter</b>	<b>Status after 3<sup>rd</sup> Quarter</b>	<b>Status after 4<sup>th</sup> Quarter</b>
<b>14</b>	Headworks Screens Replacement	Achieve Substantial Completion by December 2020.	Completed installation and testing of three new mechanical screens.	Main construction completed in Oct. Additional work to be completed in 4 <sup>th</sup> Quarter.	Main construction completed in Oct. Additional work to be completed in 4 <sup>th</sup> Quarter.	Main construction completed in Oct. Additional work to be completed in 1 <sup>st</sup> Quarter in FY 22.
<b>15</b>	Standby Power Generation System Upgrade	<ol style="list-style-type: none"> <li>1. Award the Equipment Pre-selection supply contract by November 2020.</li> <li>2. Complete design by April 2021.</li> <li>3. Award construction contract by June 2021.</li> </ol>	Board rejected the bids received for the equipment pre-selection supply contract and authorized staff to negotiate with the apparent low bidder.	Supply contract was awarded in November.	<p>Generator equipment submittal received and under review.</p> <p>Several potential design changes under consideration.</p>	Proceeded with design changes such as higher building pad elevation, site grading, electrical connection to the Plant power system, and updated generator equipment.
<b>16</b>	WAS Thickeners	Complete design by June 2021.	Conducted design kickoff meeting in August. 50 percent design submittal is due in November.	Received 50% design submittal and conducted design workshop in December.	90% design submittal expected in 4 <sup>th</sup> Quarter.	90% design submittal received.
<b>17</b>	Wet Weather Flow Management – Calcium Thiosulfate Chemical Feed System	<ol style="list-style-type: none"> <li>1. Complete design by September 2020.</li> <li>2. Award construction contract by December 2020.</li> </ol>	Design was completed and project was advertised for bids in September. Bid opening is scheduled in October.	Construction contract was awarded in November.	Installation of underground electrical and water lines and concrete placement for new light pole completed.	New chemical pumps and local control panels are delayed until 1 <sup>st</sup> Quarter in FY 22.

## SUMMARY OF CIP PROJECTS FOR FY21

Type of Project	Number of Projects	Names of Projects
<b>Administrative Facilities</b>	<b>One</b>	1. ETSU - Campus Buildings (Admin, FMC, Ops)
<b>Collection System</b>	<b>Four</b>	1. Cast Iron/Pipe Lining 2. Central Avenue Sanitary Sewer Relocation 3. Gravity Sewer Rehab/Replacement 4. RCP Sewer Rehab (Irvington Basin)
<b>Transport System</b>	<b>Six</b>	1. Cathodic Protection Improvements – Transport 2. Cherry St. PS 3. Equalization Storage @ Irvington 4. Force Main Corrosion Repairs – Phase 3 5. Newark and Irvington PS Chemical System Improvements 6. Wet Weather Flow Management
<b>Treatment System</b>	<b>Sixteen</b>	1. Aeration Blower 11 and East Blower Bldg. Improvements 2. Alvarado Influent PS Improvements 3. Alvarado Influent Valve Box Gate Valves 1-2 4. Cathodic Protection Improvements - Plant 5. Centrifuge Building Improvements 6. Digester No. 1 Inspection and Rehab 7. Digester No. 2 Inspection and Rehab 8. Digester No. 7 9. ETSU - Aeration Basin Modifications 10. ETSU – Blower 7-10 Replacement

<b>Treatment System (continued)</b>		11. ETSU – Aeration Basin No. 8 12. ETSU – Secondary Clarifiers 13. ETSU – Effluent Facilities 14. Headworks Screens Replacement 15. Standby Power Generation System Upgrade 16. WAS Thickeners
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**Total:** **27**

## PRIORITY 1 CIP PROJECT CRITERIA

### Priority 1 Projects:

1. Project to repair or prevent an imminent critical infrastructure failure that could result in a threat to the public, or result in permit non-compliance.
2. A project designed to address public health and safety or employee health and safety.
3. Project to provide additional capacity in order to allow connection to the District system or to prevent a potential wet weather overflow from occurring.
4. Projects that have a deadline tied to receiving a loan or grant funding.
5. Projects where we have made a timeline commitment to a customer or other outside stakeholder.
6. A project in which the District may suffer financial losses or claims should the project be delayed.
7. A project which is part of a sequence of projects whose delay could result in delays to other projects at USD or other agencies.
8. A project in which an internal commitment has been made to provide a facility that significantly impacts another group from efficiently and effectively carrying out their core work. (Not a “nice to have” type project)

These criteria can apply to a study, design, or construction project.

## **PRIORITY 2 & 3 CIP PROJECT CRITERIA**

### **Priority 2 Projects**

1. These are planned projects related to the replacement of electrical and mechanical equipment identified by the Plant Master Plan – this equipment is not in imminent danger of failure but needs to be replaced at a future date.
2. These are planned pipeline rehab/replacement projects that are identified either by the Master Plan or by the Maintenance staff and need to be completed to improve the condition of existing sewers to safeguard against potential maintenance problems – these pipelines are not in imminent danger of failure.
3. These projects do not have any immediate negative impacts on either other agencies or other projects.
4. Examples: Blacow Road Sewer Replacement, Cast Iron Pipe Replacement, Thickener Mechanism 3&4 Replacement, Rehab of Clarifiers 5&6.

### **Priority 3 Projects**

1. These are capacity projects identified by the master plans that will address future capacity needs of the District.
2. These projects are place holders and need to be defined at a future date
3. The District will not suffer any financial loss or claim, if these projects are delayed.
4. Examples: Cedar Relief Sewer, Hetch Hetchy Relief Sewer, Digester No. 7, Secondary Clarifiers 7 & 8.

**Directors**

Manny Fernandez  
Tom Handley  
Pat Kite  
Anjali Lathi  
Jennifer Toy

**Officers**

Paul R. Eldredge  
*General Manager/  
District Engineer*

Karen W. Murphy  
*Attorney*

**SEPTEMBER 27, 2021  
BOARD OF DIRECTORS MEETING  
AGENDA ITEM # 14**

**TITLE:**               **Fourth Quarterly Report on the Capital Improvement Program for FY21**  
***(This is an Information Item)***

**SUBMITTED:**     Paul R. Eldredge, General Manager/District Engineer  
                          Sami E. Ghossain, Technical Services Work Group Manager

**Recommendation**

Information only.

**Discussion**

None.

**Background**

In June 2020, the Board approved the Capital Improvement Program (CIP) budget for FY21 in the amount of \$42.68 million for the design and construction of 27 CIP projects. The fourth quarter expenditures for FY21 are shown on the attached budget projection graphs. These graphs depict actual expenditures versus approved budget for the Capacity Fund 900, the Renewal and Replacement Fund 800 as well as for both funds, combined. And starting FY21, additional graphs showing the Enhanced Treatment and Site Upgrade (ETSU) project expenditures are added to the budget graphs.

The total CIP expenditures up to June 30, 2021, were under the projections for the fourth quarter by approximately \$8.92 million. The main projects that had significant variances from the projected expenditures are listed in the table below.

These primary variances are tabulated as follows:

<b>Project</b>	<b>Approximate Variance at the end of 4<sup>th</sup> Quarter (x \$1000)</b>	<b>Comments</b>
Aeration Blower 11 and East Blower Bldg. Improvements	-2,000	Due to the Covid Pandemic, equipment lead time has been longer than anticipated. Also, Change Order No. 1 has extended the contract time.
Campus Bldg.	-1,400	The Covid Pandemic impacts on the ability to collaborate with the Designer has resulted in delays to the Project design.
Cathodic Protection Improvements	-1,000	Board rejected bids on November 9, 2020. Project was re-advertised in March 2021 and was awarded on April 26 <sup>th</sup> . Notice to Proceed was issued on June 8 <sup>th</sup> .
Centrifuge Bldg. Improvements	-2,700	Due to the Covid Pandemic, equipment lead time has been longer than anticipated.
Digester 7	+4,000	Project made significant progress under construction.
Gravity Sewer Rehab/Replace	-900	Project scope was modified after the Irvington Basin Master Plan flow monitoring was concluded. Project was awarded on May 4, 2021 and Notice to Proceed was issued on June 8 <sup>th</sup> .
ETSU Phase 1A – <ul style="list-style-type: none"> <li>• Aeration Basin Modifications,</li> <li>• Aeration Basin No. 8, and</li> <li>• Blower 7-10 Replacement</li> </ul>	-1,350	Project expenses are running under budget due to the innovations put in place to manage the pandemic impact on the design process.
ETSU Phase 1B – <ul style="list-style-type: none"> <li>• Secondary Clarifiers, and</li> <li>• Effluent Facilities</li> </ul>	-2,850	The design contract amount is substantially less than the preliminary budget estimate; ETSU staffing challenges have slowed the start of the design.

Standby Power Generation System Upgrade	-720	Project is behind schedule. Bids for the equipment supply contract were rejected and contract had to be re-bid. Several design changes delayed the project further.
<b>Total Variance for the 4<sup>th</sup> Qtr.</b>	<b>-8,920</b>	

In addition to the 12 projects listed above, the following high-priority projects were either in design or in construction during FY21:

1. Central Avenue Sanitary Sewer Relocation
2. Cherry St. PS Improvements
3. Digester No. 1 Inspection and Rehab
4. Digester No. 2 Inspection. and Rehab
5. Force Main Corrosion Repairs – Phase 3
6. Headworks Screens Replacement
7. RCP Sewer Rehab (Irvington Basin)
8. WAS Thickeners Improvements
9. Wet Weather Flow Management - Calcium Thiosulfate Chemical Feed System

Also, there are six (6) other smaller projects that were either in design or in construction during FY21.

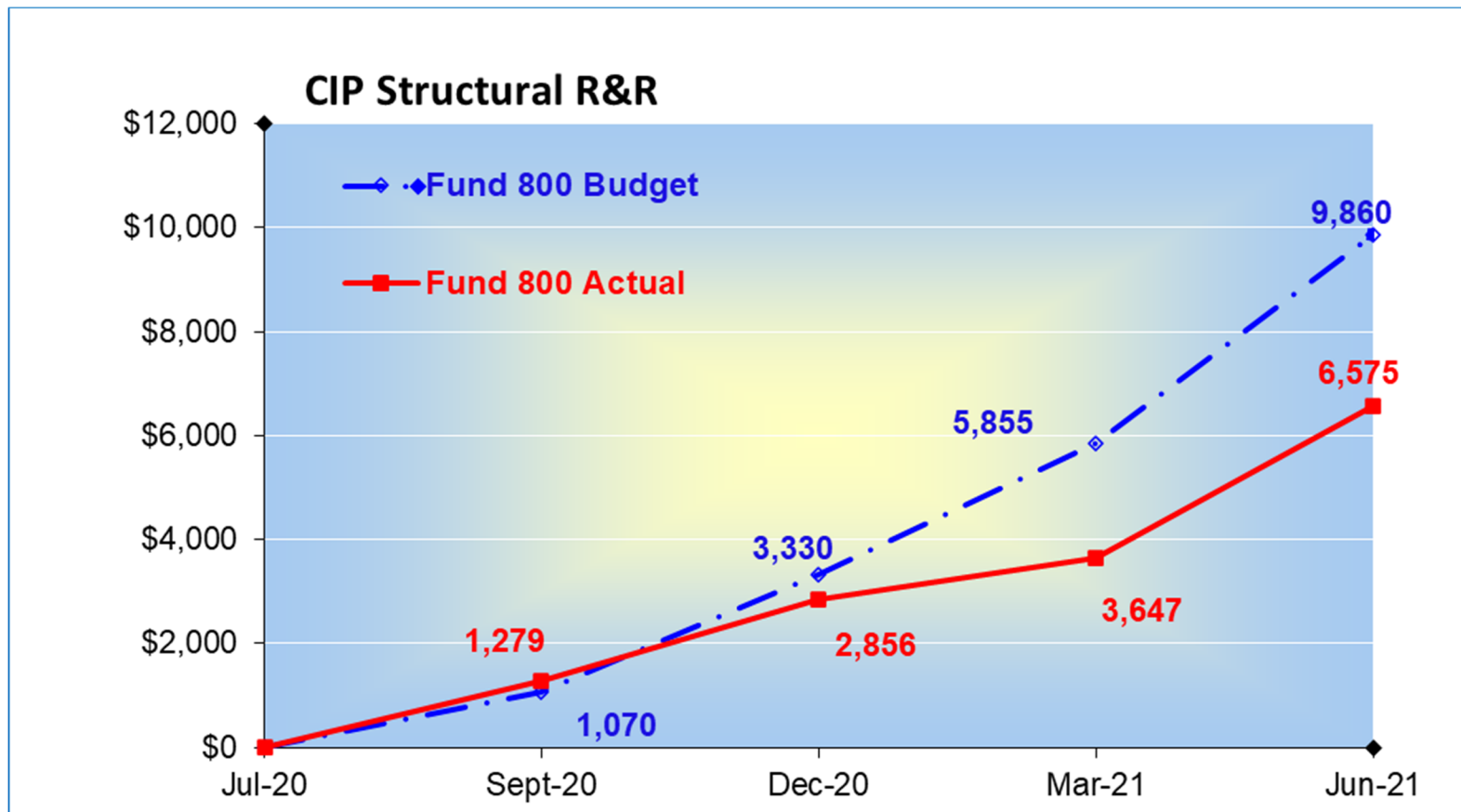
**Previous Board Action**

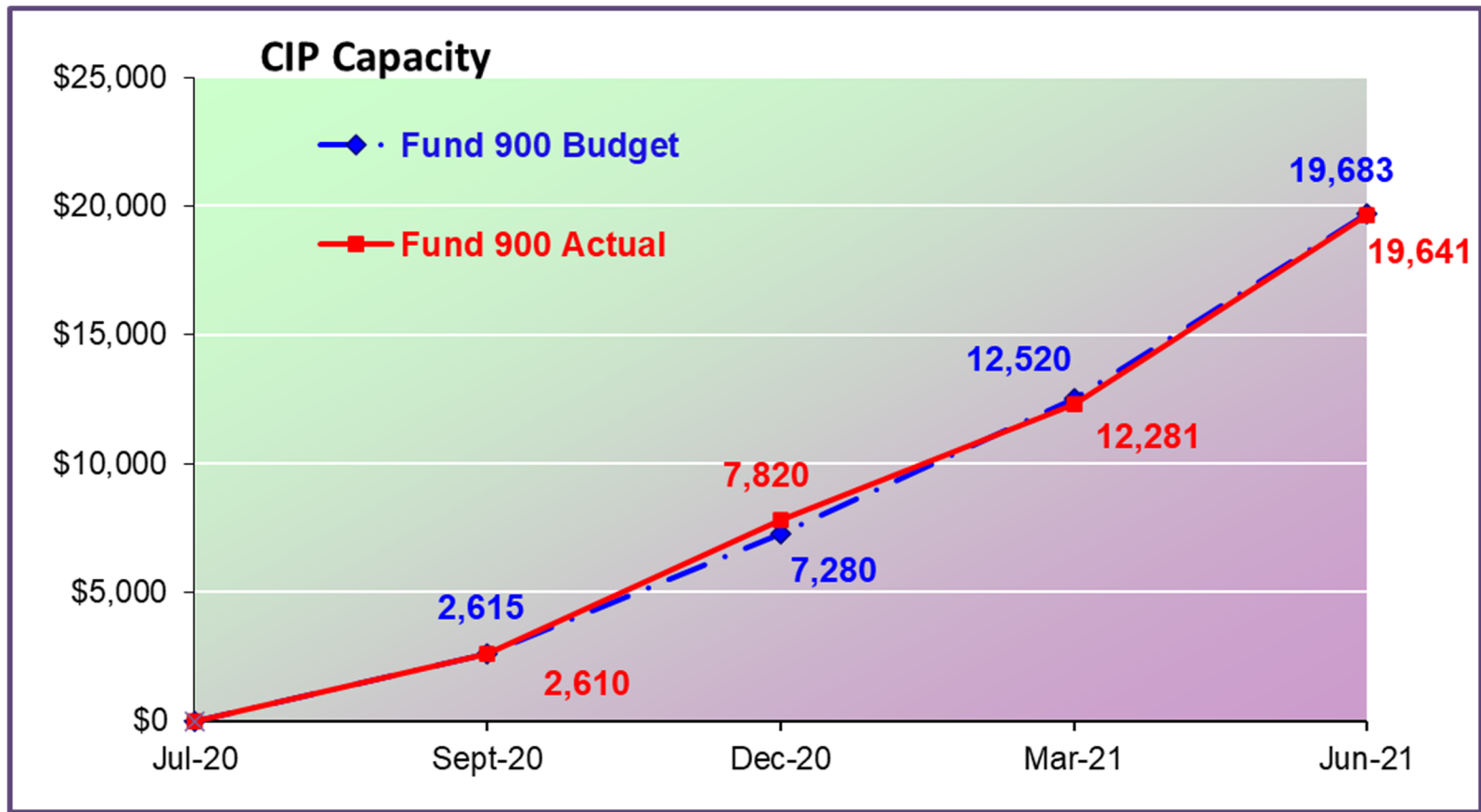
None.

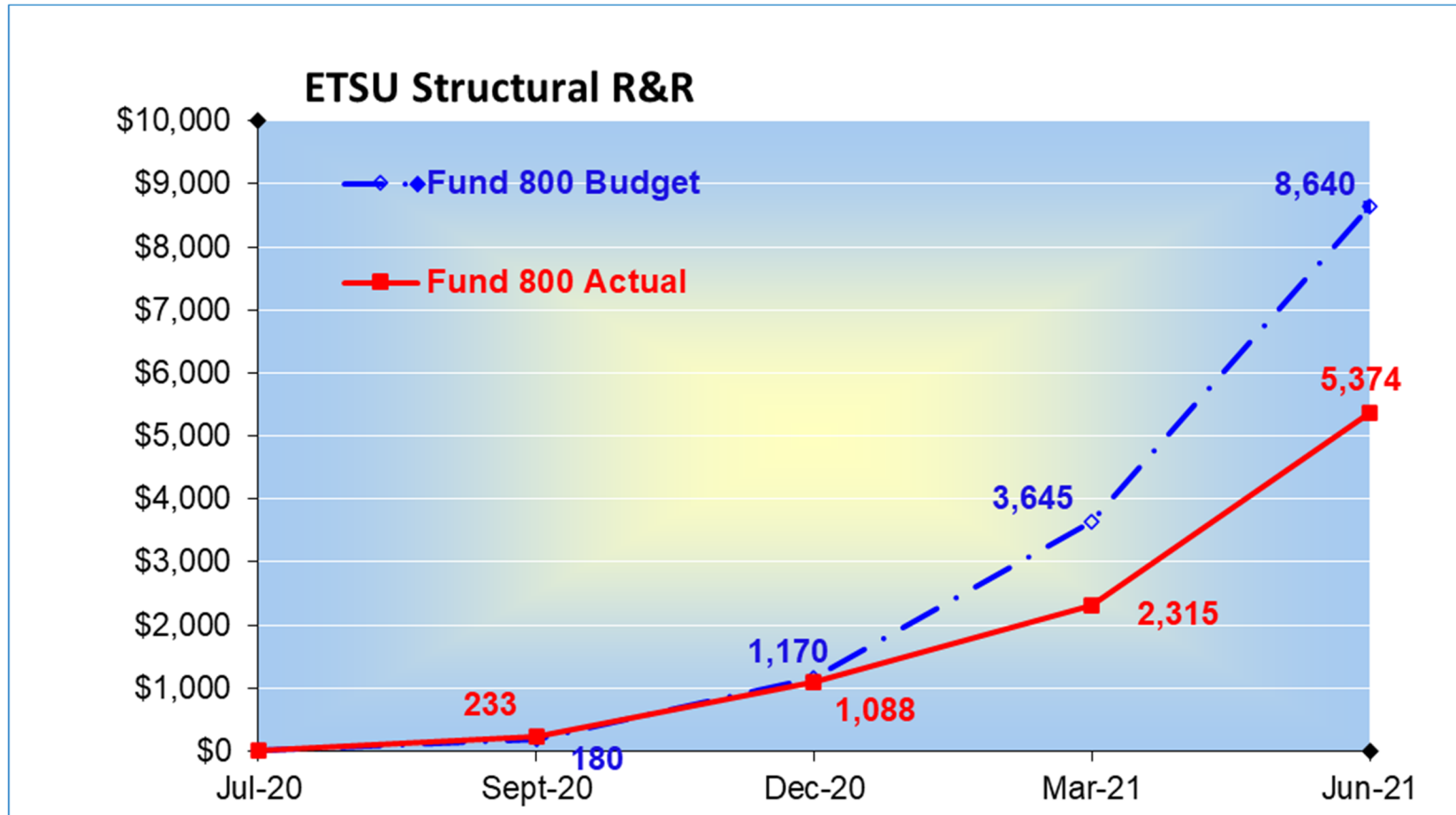
PRE/SEG:mb

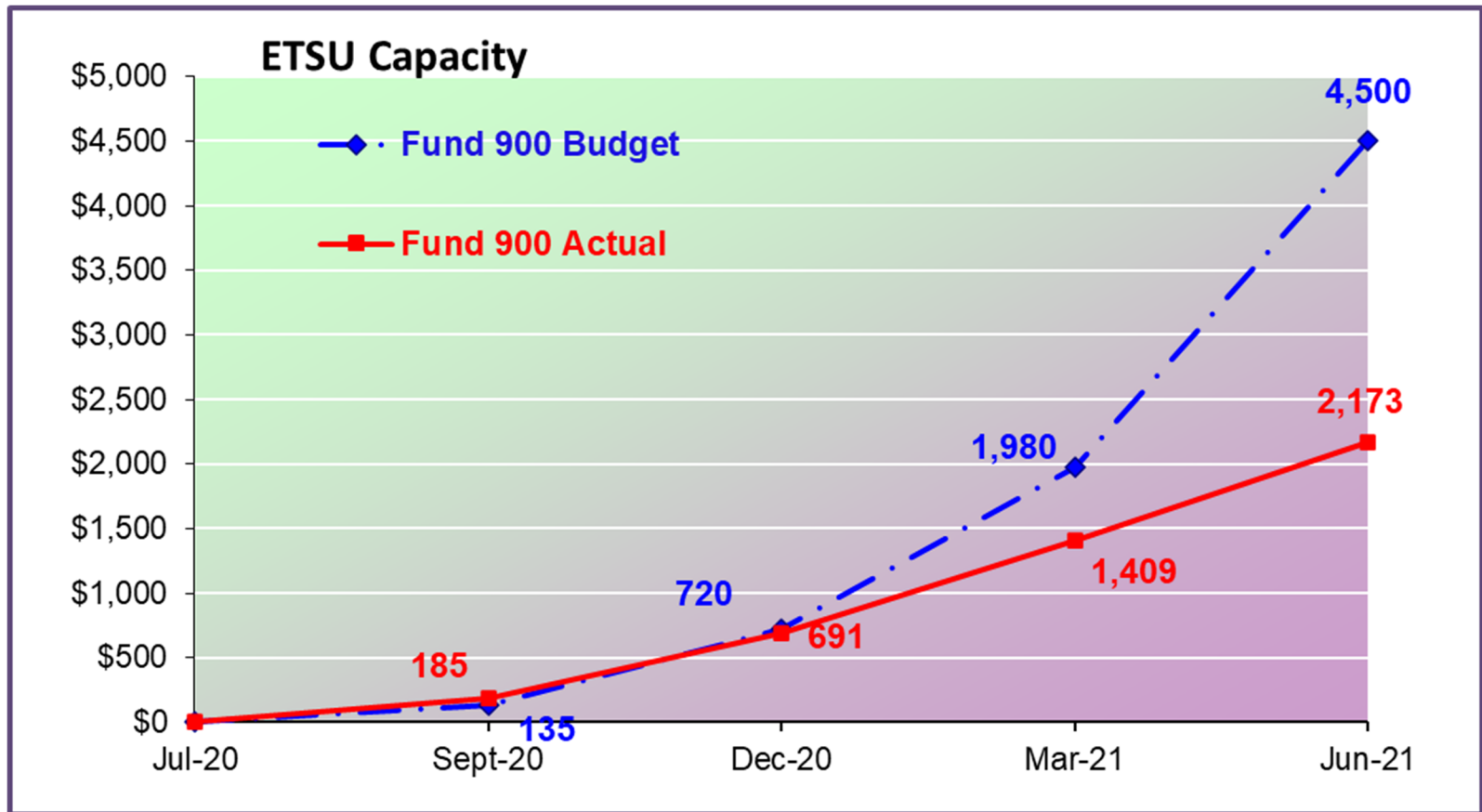
Attachment: Budget Graphs

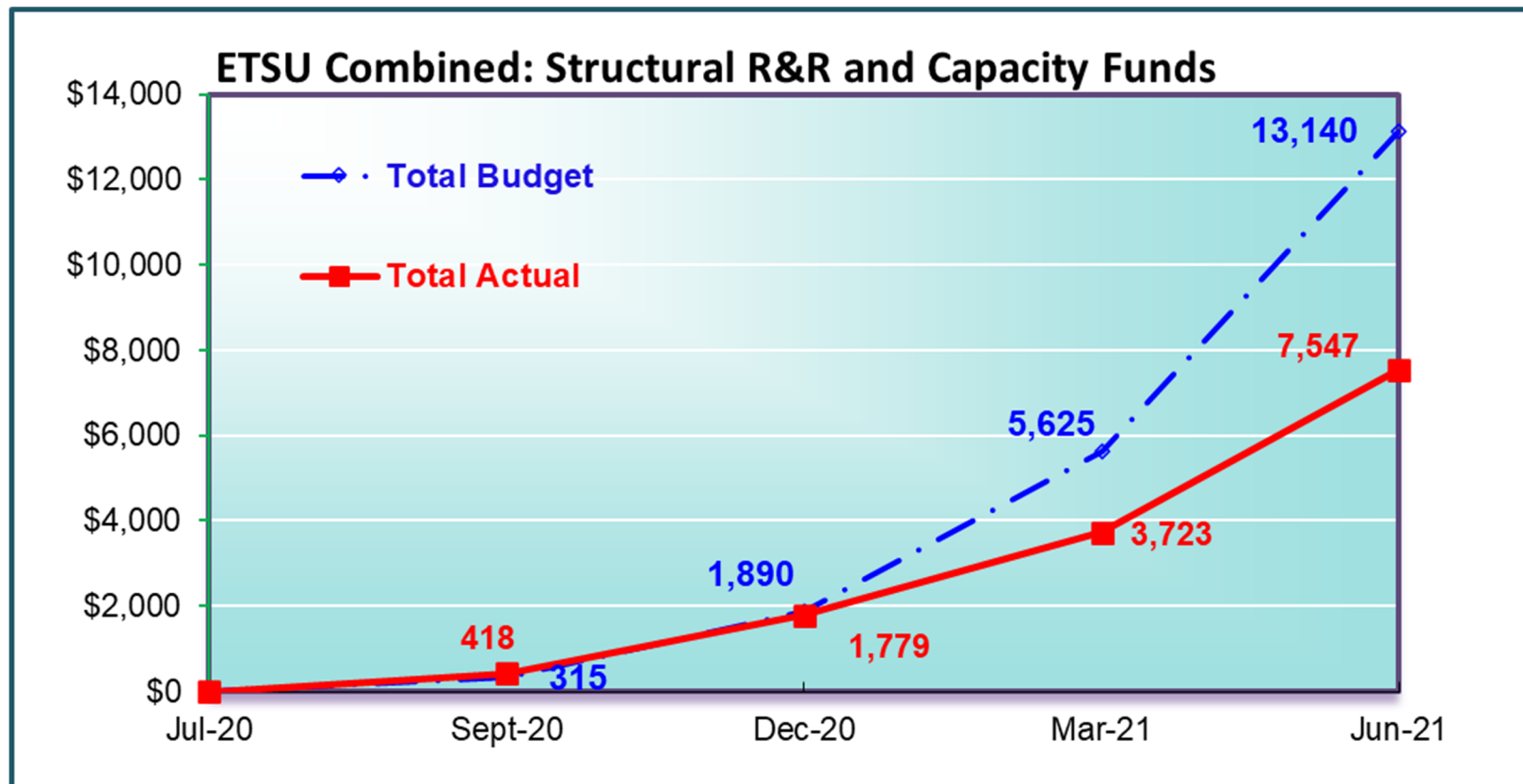


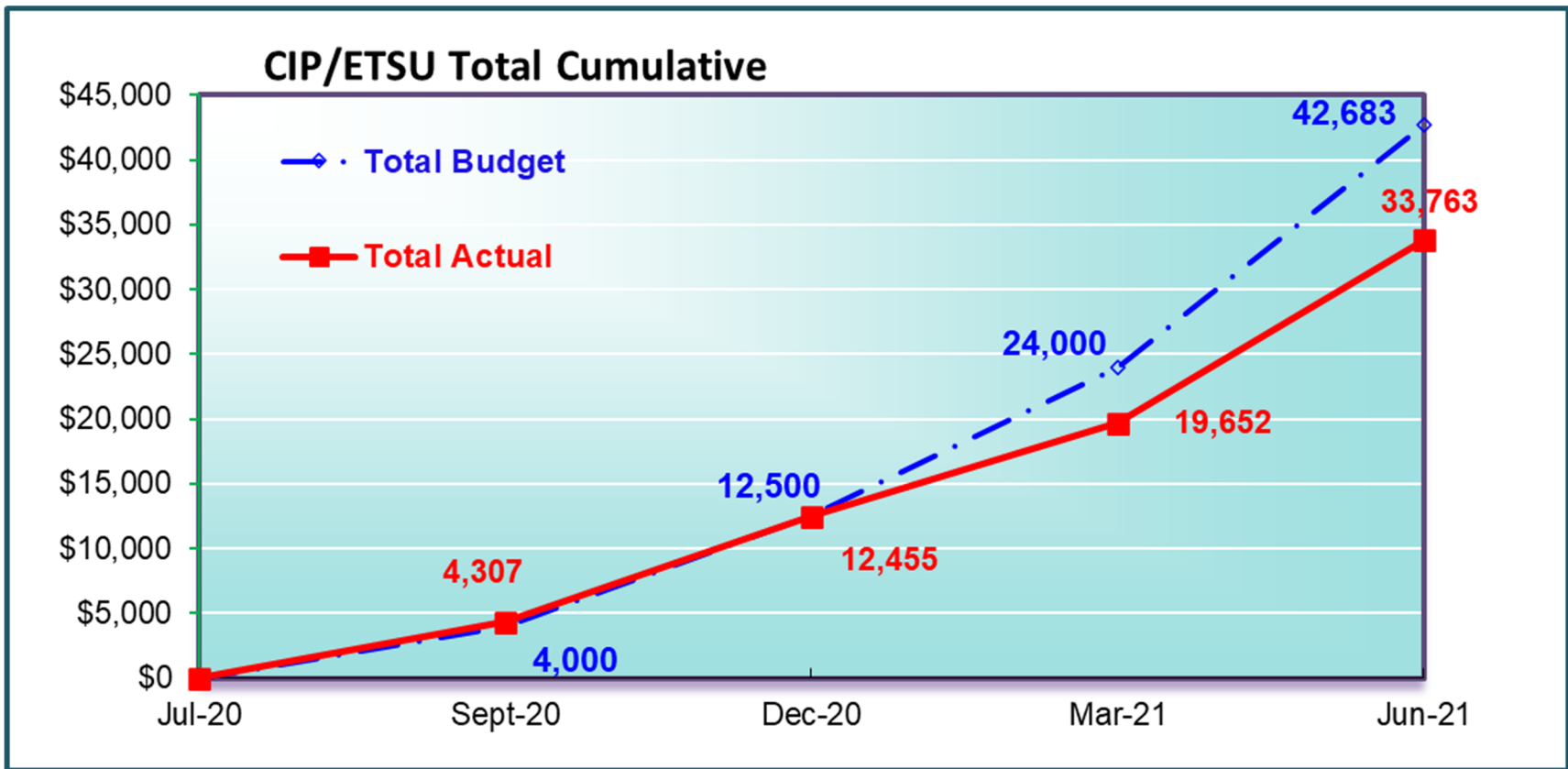












**Directors**

Manny Fernandez  
Tom Handley  
Pat Kite  
Anjali Lathi  
Jennifer Toy

**Officers**

Paul R. Eldredge  
*General Manager/  
District Engineer*

Karen W. Murphy  
*Attorney*

**SEPTEMBER 27, 2021  
BOARD OF DIRECTORS MEETING  
AGENDA ITEM # 15**

**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  
09/04/2021-09/17/2021**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
178624	9/16/2021	143	210476	OVERAA	PRIMARY DIGESTER NO. 7	\$552,539.00	\$552,539.00
178593	9/16/2021		20210728	SOL COOPER	PER APPROVED AGREEMENT	\$129,342.86	\$129,342.86
178627	9/16/2021	110	170120210901	PACIFIC GAS AND ELECTRIC	SERV TO 08/22/2021 PLANT	\$72,625.93	\$93,486.32
	9/16/2021	110	224720210830		SERV TO 08/23/21 CS TRAINING TRAILER	\$615.61	
	9/16/2021	170	761520210902		SERV TO 08/25/21 NEWARK PS	\$20,244.78	
178513	9/9/2021	170	81335	BAILEY FENCE CO INC	INSTALL FENCE OLD NPS SITE	\$75,881.00	\$75,881.00
178609	9/16/2021		30295020210915	ICMA	PAYROLL CONTRIBUTIONS 09152021	\$54,852.24	\$54,852.24
178574	9/9/2021	143	193648	WOODARD & CURRAN INC	IRVINGTON BASIN MASTER PLAN UPDATE	\$20,925.50	\$51,613.75
	9/9/2021	143	193597		IRVINGTON BASIN RCP REHABILITATION	\$30,688.25	
178586	9/16/2021	143	11416609	BROWN & CALDWELL CONSULTANTS	STANDBY POWER SYSTEM UPGRADE	\$14,645.07	\$36,235.38
	9/16/2021	143	11416611		PRIMARY DIGESTER NO. 7	\$21,590.31	
178559	9/9/2021	114	175659	PSOMAS CORP	AERATION BASIN MODIFICATIONS	\$35,493.05	\$35,493.05
178625	9/16/2021	143	210476E	OVERAA	PRIMARY DIGESTER NO. 7 - ESCROW PYMT	\$29,081.00	\$29,081.00
178529	9/9/2021		160101	FONG & FONG PRINTERS & LITHO	POSTAGE FOR NEWSLETTER	\$27,499.91	\$27,499.91
178640	9/16/2021		533620210823	US BANK CORP PAYMENT SYSTEM	MONTHLY CAL-CARD REPORT - AUG 2021	\$25,407.72	\$25,407.72



**UNION SANITARY DISTRICT**  
**CHECK REGISTER**  
**09/04/2021-09/17/2021**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
178623	9/16/2021	110	3000012271	OLIN CORPORATION	4914 GALS SODIUM HYPOCHLORITE	\$3,831.35	\$22,836.82
	9/16/2021	110	3000012853		4866 GALS SODIUM HYPOCHLORITE	\$3,793.92	
	9/16/2021	110	3000012854		4906 GALS SODIUM HYPOCHLORITE	\$3,825.11	
	9/16/2021	110	3000012851		4876 GALS SODIUM HYPOCHLORITE	\$3,801.72	
	9/16/2021	110	3000011155		4796 GALS SODIUM HYPOCHLORITE	\$3,739.34	
	9/16/2021	110	3000012852		4932 GALS SODIUM HYPOCHLORITE	\$3,845.38	
178521	9/9/2021		236156	CDW GOVERNMENT LLC	6 CISCO CATALYST	\$18,008.60	\$20,558.60
	9/9/2021		204435		1 GBT SWITCH	\$2,550.00	
178614	9/16/2021	110	9017720485	KEMIRA WATER SOLUTIONS INC	46,740 LBS FERROUS CHLORIDE	\$7,211.22	\$20,462.31
	9/16/2021	110	9017724472		46,140 LBS FERROUS CHLORIDE	\$6,058.17	
	9/16/2021	110	9017723897		46,240 LBS FERROUS CHLORIDE	\$7,192.92	
178598	9/16/2021	110	1421261	DEPARTMENT OF GENERAL SERVICES	SERV: JUL 2021 PLANT	\$17,387.44	\$17,387.44
178568	9/9/2021	120	1799702021	USA NORTH 811	USA ANNUAL MEMBERSHIP	\$15,974.37	\$15,974.37
178542	9/9/2021	110	9017722984	KEMIRA WATER SOLUTIONS INC	47,920 LBS FERROUS CHLORIDE	\$7,531.52	\$14,880.01
	9/9/2021	110	9017723131		47,740 LBS FERROUS CHLORIDE	\$7,348.49	
178553	9/9/2021	110	3000007567	OLIN CORPORATION	4638 GALS SODIUM HYPOCHLORITE	\$3,616.15	\$14,425.36
	9/9/2021	110	3000009789		4752 GALS SODIUM HYPOCHLORITE	\$3,705.04	
	9/9/2021	110	3000010891		4511.9 GALS SODIUM HYPOCHLORITE	\$3,517.83	
	9/9/2021	110	3000010896		4599.758 GALS SODIUM HYPOCHLORITE	\$3,586.34	

**UNION SANITARY DISTRICT  
CHECK REGISTER  
09/04/2021-09/17/2021**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
178520	9/9/2021	143	13781	CAROLLO ENGINEERS	AERATION BLOWER 11 (HIGH SPEED)	\$4,170.31	\$12,013.72
	9/9/2021	143	13993		ALVARADO INFLUENT PS PUMPS AND VFDS	\$7,843.41	
178566	9/9/2021	114	20210903.1	CITY OF UNION CITY	PERMIT: CAMPUS BUILDINGS (ADMIN, FMC, OPS)	\$10,000.00	\$10,000.00
178615	9/16/2021		37432220210901	LINCOLN NATIONAL LIFE INS COMP	LIFE & DISABILITY INSURANCE - SEP 2021	\$9,655.11	\$9,655.11
178569	9/9/2021	120	2021179970	USA NORTH 811	USA CA STATE FEE	\$9,418.31	\$9,418.31
178535	9/9/2021		9010588433	GRAINGER INC	ASTD PARTS & MATERIALS	\$76.45	\$9,199.89
	9/9/2021		9002124312		ASTD PARTS & MATERIALS	\$8,069.39	
	9/9/2021	122	9008325855		ASTD PARTS & MATERIALS	\$15.48	
	9/9/2021		9001348359		ASTD PARTS & MATERIALS	\$145.69	
	9/9/2021	170	9008975592		1 MOTOR	\$101.20	
	9/9/2021	111	9011685493		ASTD PARTS & MATERIALS	\$27.02	
	9/9/2021	111	9010588425		ASTD PARTS & MATERIALS	\$605.47	
	9/9/2021	122	9002106251		ASTD PARTS & MATERIALS	\$47.87	
	9/9/2021	122	9009559866		ASTD PARTS & MATERIALS	\$111.32	
178619	9/16/2021		105720	MUNIQUEP, LLC	ASTD PUMP PARTS	\$7,954.51	\$7,954.51
178532	9/9/2021	173	320191	CITY OF FREMONT	SACGISA	\$7,474.37	\$7,474.37
178508	9/9/2021	150	20210816	ALAMEDA COUNTY TREASURER	FY22 BUDGET SHARE PMT	\$7,412.00	\$7,412.00
178570	9/9/2021	170	78856	VALLEY OIL COMPANY	1870 GALS DYED DIESEL	\$6,930.73	\$6,930.73

**UNION SANITARY DISTRICT**  
**CHECK REGISTER**  
**09/04/2021-09/17/2021**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
178558	9/9/2021	122	830	PRIME MECHANICAL SERVICE INC	SERVICE CALL: BLDG 70	\$445.00	\$6,930.00
	9/9/2021	122	811		SERVICE CALL: BLDG 80	\$6,485.00	
178602	9/16/2021	170	9016170715	GRAINGER INC	ASTD PARTS & MATERIALS	\$106.74	\$6,852.60
	9/16/2021		9017689135		ASTD PARTS & MATERIALS	\$382.66	
	9/16/2021	122	9018539016		ASTD PARTS & MATERIALS	\$41.50	
	9/16/2021		9014668736		ASTD PARTS & MATERIALS	\$72.47	
	9/16/2021		9015136584		ASTD PARTS & MATERIALS	\$197.22	
	9/16/2021	122	9019265835		ASTD PARTS & MATERIALS	\$48.15	
	9/16/2021		9016945611		ASTD PARTS & MATERIALS	\$40.25	
	9/16/2021	170	9018985052		ASTD PARTS & MATERIALS	\$283.26	
	9/16/2021	170	9020581923		ASTD PARTS & MATERIALS	\$56.87	
	9/16/2021		9001875229		ASTD PARTS & MATERIALS	\$5,575.16	
	9/16/2021		9013612412		ASTD PARTS & MATERIALS	\$48.32	
178541	9/9/2021		10273	JASBIR KAUR	REFUND # 39953	\$6,820.15	\$6,820.15
178565	9/9/2021	114	20210903	CITY OF UNION CITY	PERMIT: CAMPUS BUILDINGS (ADMIN, FMC, OPS)	\$6,820.00	\$6,820.00
178628	9/16/2021	110	1570661	POLYDYNE INC	42,820 LBS CLARIFLOC WE-539	\$6,383.15	\$6,383.15
178610	9/16/2021		70566320210915	ICMA	PAYROLL CONTRIBUTIONS 09152021	\$6,150.65	\$6,150.65
178530	9/9/2021	170	247392	FRANK A OLSEN COMPANY	1 DIGESTER VALVE	\$5,620.55	\$5,620.55
178597	9/16/2021		10509585394	DELL MARKETING LP C/O DELL USA	15 DOCKING STATIONS	\$4,791.11	\$4,791.11

**UNION SANITARY DISTRICT  
CHECK REGISTER  
09/04/2021-09/17/2021**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
178531	9/9/2021		9442	FREMONT TECH BUSINESS CENTER	REFUND # 38738	\$4,760.00	\$4,760.00
178538	9/9/2021	144	12	STEPHANIE HUGHES, CHE P.E.	P2 PROGRAM SUPPORT	\$4,250.00	\$4,250.00
178512	9/9/2021		16930094	AT&T	SERV: 07/20/21 - 08/19/21	\$237.48	\$3,804.74
	9/9/2021		16930070		SERV: 07/20/21 - 08/19/21	\$23.30	
	9/9/2021		16930072		SERV: 07/20/21 - 08/19/21	\$3,543.96	
178563	9/9/2021	110	21081720	S&S TRUCKING	GRIT HAULING 08/11/2021	\$1,800.25	\$3,613.41
	9/9/2021	110	21081140		GRIT HAULING 08/02 & 08/06/2021	\$1,813.16	
178641	9/16/2021	170	792771	VALLEY OIL COMPANY	8 DIESEL FUEL TANK TESTING	\$3,600.00	\$3,600.00
178589	9/16/2021		20210914	STATE OF CALIFORNIA	SALES & USE TAX 08/01/21 - 08/31/2021	\$3,549.88	\$3,549.88
178603	9/16/2021	170	96050681	H & E EQUIPMENT SERVICES INC	EQUIPMENT RENTAL 08/11/2021 - 09/07/21	\$3,484.74	\$3,484.74
178630	9/16/2021	120	916004652030	REPUBLIC SERVICES #916	RECYCLE & ROLL OFF - SEP 2021	\$3,423.03	\$3,423.03
178515	9/9/2021	122	23184	BAYSCAPE LANDSCAPE MANAGEMENT	LANDSCAPE MAINTENANCE SERVICES - AUG 2021	\$3,310.00	\$3,310.00
178635	9/16/2021		19900	SKANSKA USA BUILDING INC	REFUND # 39977	\$3,300.00	\$3,300.00
178571	9/9/2021	122	37675	VALLEY WINDOW CLEANING	WINDOW CLEANING SERVICES	\$3,273.75	\$3,273.75
178555	9/9/2021		8481333	OVIVO USA LLC	ASTD CLARIFIER PARTS	\$3,137.92	\$3,137.92
178572	9/9/2021		9886722660	VERIZON WIRELESS	WIRELESS SERV 07/21/21-08/20/21	\$3,094.73	\$3,094.73
178590	9/16/2021	113	624557	CALTEST ANALYTICAL LABORATORY	18 LAB SAMPLE ANALYSIS	\$2,027.45	\$3,055.65
	9/16/2021	113	624477		13 LAB SAMPLE ANALYSIS	\$1,028.20	
178587	9/16/2021	171	324602500	BUCKLES SMITH ELECTRIC	1 POWERFLEX 755	\$2,975.35	\$2,975.35

**UNION SANITARY DISTRICT  
CHECK REGISTER  
09/04/2021-09/17/2021**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
178577	9/16/2021	171	2000530182	AECOM TECHNICAL SERVICES INC	HAZMAT CONSULTING SERVICES	\$2,899.47	\$2,899.47
178539	9/9/2021		511	IMPERIAL INVESTMENTS & DEVELOP	REFUND # 39959	\$2,895.00	\$2,895.00
178545	9/9/2021	113	2108281	MCCAMPBELL ANALYTICAL	LAB SAMPLE ANALYSIS	\$224.00	\$2,734.00
	9/9/2021	113	2108087		LAB SAMPLE ANALYSIS	\$1,152.00	
	9/9/2021	113	2108276		LAB SAMPLE ANALYSIS	\$1,358.00	
178604	9/16/2021		12606904	HACH COMPANY	LABORATORY SUPPLIES	\$2,726.68	\$2,726.68
178592	9/16/2021	173	692131	CDW GOVERNMENT LLC	APC UPS ANNUAL SUPPORT	\$2,308.00	\$2,702.52
	9/16/2021	173	639698		1 GBT SWITCH	\$394.52	
178533	9/9/2021		9818	PRABHAKARAN GANESAN	REFUND # 39943	\$2,500.00	\$2,500.00
178552	9/9/2021	170	134950	NEW IMAGE LANDSCAPING CO	LANDSCAPE MAINTENANCE - FMC - AUG 2021	\$2,469.17	\$2,469.17
178616	9/16/2021		5164776	MALLORY SAFETY AND SUPPLY LLC	20 BX GLOVES	\$1,433.25	\$2,450.50
	9/16/2021		5173391		48 PR GLOVES	\$179.34	
	9/16/2021		5166933		ASTD CAL GAS	\$837.91	
178510	9/9/2021		20210810	AMAZON.COM LLC	08/21 - ASTD OFFICE SUPPLIES	\$2,202.55	\$2,202.55
178631	9/16/2021		3972152002	S & S SUPPLIES & SOLUTIONS	ASTD SAFETY SUPPLIES	\$2,102.58	\$2,102.58
178617	9/16/2021	113	2108498	MCCAMPBELL ANALYTICAL	LAB SAMPLE ANALYSIS	\$1,834.00	\$2,018.00
	9/16/2021	113	2108847		LAB SAMPLE ANALYSIS	\$104.00	
	9/16/2021	113	2108498A		LAB SAMPLE ANALYSIS	\$80.00	

**UNION SANITARY DISTRICT  
CHECK REGISTER  
09/04/2021-09/17/2021**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
178556	9/9/2021	114	1210057896	PINE ENVIRONMENTAL SERVICES	RENTAL: MINIRAE300 07/08/21-08/04/21	\$877.70	\$2,015.52
	9/9/2021	114	210049796A		RENTAL: MINIRAE300 06/10/21-07/07/21	\$869.77	
	9/9/2021	114	210059040		RENTAL: MINIRAE300 08/05/21-08/11/21	\$268.05	
178525	9/9/2021	173	Y721255	ENVIROSIM ASSOCIATES LTD	BIOWIN ANNUAL LICENSE RENEWAL	\$2,000.00	\$2,000.00
178549	9/9/2021		24118780	MOTION INDUSTRIES INC	ASTD PARTS & MATERIALS	\$609.13	\$1,774.70
	9/9/2021		24119792		ASTD PARTS & MATERIALS	\$626.62	
	9/9/2021	170	24118263		ASTD PARTS & MATERIALS	\$538.95	
178594	9/16/2021	170	449492	CORE & MAIN LP	ASTD PARTS & MATERIALS	\$1,727.70	\$1,727.70
178584	9/16/2021		30363	BHIMESHWER BOMMA	REFUND # 39957	\$1,535.00	\$1,535.00
178600	9/16/2021	132	331491	EXAMINETICS	10 COVID SALIVA TEST KITS	\$1,400.00	\$1,400.00
178547	9/9/2021	171	2179924	MOBILE MODULAR MANAGEMENT CORP	FMC TRAILER RENTAL - SEP 2021	\$1,379.94	\$1,379.94
178554	9/9/2021	173	9002652746	OPEN TEXT	RIGHTFAX ANNUAL SUPPORT	\$1,359.76	\$1,359.76
178611	9/16/2021		10956920210915	ICMA	PAYROLL CONTRIBUTIONS 09152021	\$1,280.70	\$1,280.70
178629	9/16/2021	170	35000	PROTECTION ENGINEERING	55 GAL DRUM SOLVENT MEK	\$1,196.71	\$1,196.71
178519	9/9/2021	121	169956	BRENNTAG PACIFIC INC	2552 LBS SODIUM HYDROXIDE	\$763.65	\$1,147.20
	9/9/2021	121	169955		1276 LBS SODIUM HYDROXIDE	\$383.55	
178585	9/16/2021	121	171823	BRENNTAG PACIFIC INC	3828 LBS SODIUM HYDROXIDE	\$1,145.47	\$1,145.47
178622	9/16/2021		10533	NORTH AMERICAN TITLE CO INC	REFUND # 39964	\$1,065.00	\$1,065.00
178620	9/16/2021		20210831	NAPA AUTO PARTS	MONTHLY AUTO PARTS STMT - AUG 2021	\$1,012.65	\$1,012.65

**UNION SANITARY DISTRICT  
CHECK REGISTER  
09/04/2021-09/17/2021**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
178564	9/9/2021	122	1818676475	SAFELITE GLASS CORPORATION	REPLACE WINDSHIELD T1383~	\$1,005.48	\$1,005.48
178582	9/16/2021		29281.1	BENJAMIN FRANKLIN PLUMBING	REFUND # 39974	\$500.00	\$1,000.00
	9/16/2021		29281		REFUND # 39975	\$500.00	
178595	9/16/2021	120	20210909	CWEA	5 MEMBERSHIP RENEWALS - CS EMPLOYEES	\$960.00	\$960.00
178550	9/9/2021	170	105712	MUNIQUEIP, LLC	1 TRANSDUCER	\$949.23	\$949.23
178632	9/16/2021	110	21082732	S&S TRUCKING	GRIT HAULING 08/20/2021	\$921.65	\$921.65
178638	9/16/2021	170	283218	TECHNICAL SAFETY SERVICES LLC	SERVICE: FUME HOOD	\$890.48	\$890.48
178578	9/16/2021		259000001885	ARAMARK	UNIFORM LAUNDERING & RUGS	\$260.96	\$877.70
	9/16/2021		259000001892		UNIFORM LAUNDERING SERVICE	\$616.74	
178534	9/9/2021	173	20210903	MICHAEL GILL	EXP REIMB: DUO MFA 07/23/21 - 08/23/21	\$60.00	\$876.50
	9/9/2021	173	20210908		EXP REIMB: DUO MFA 08/23/21 - 09/23/21	\$60.00	
	9/9/2021	173	20210903.1		EXP REIMB: 10 DUO TOKENS	\$210.00	
	9/9/2021	173	20210903.2		EXP REIMB: 20 DUO TOKENS	\$410.00	
	9/9/2021	173	20210903.3		EXP REIMB: DUO MFA 08/26/21 - 09/23/21	\$136.50	
178573	9/9/2021		8805783302	VWR INTERNATIONAL LLC	LAB SUPPLIES	\$524.60	\$854.21
	9/9/2021		8805783301		LAB SUPPLIES	\$329.61	
178543	9/9/2021	173	23296	LOOKINGPOINT INC	ANNUAL PBX AND NETWORK SUPPORT	\$832.50	\$832.50

**UNION SANITARY DISTRICT  
CHECK REGISTER  
09/04/2021-09/17/2021**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
178606	9/16/2021		3Q4293	HARRINGTON INDUSTRIAL PLASTICS	ASTD PVC PARTS & MATERIALS	\$337.28	\$825.36
	9/16/2021		3Q4321		ASTD PVC PARTS & MATERIALS	\$415.45	
	9/16/2021	170	3Q4398		ASTD PVC PARTS & MATERIALS	\$72.63	
178522	9/9/2021	122	45163	CLASSIC GRAPHICS	20 DECALS	\$810.25	\$810.25
178626	9/16/2021	170	2320	PACIFIC CRANE INSPECTION	ANNUAL CRANE INSPECTIONS	\$725.00	\$725.00
178591	9/16/2021	173	4037230623	CANON SOLUTIONS AMERICA INC	MTHLY MAINTENANCE BASED ON USE	\$315.90	\$716.97
	9/16/2021	173	4037229734		MTHLY MAINTENANCE BASED ON USE	\$401.07	
178507	9/9/2021	170	9116527760	AIRGAS NCN	3 CY ARGON	\$716.87	\$716.87
178618	9/16/2021	170	63722085	MCMASTER SUPPLY INC	ASTD PARTS & MATERIALS	\$29.16	\$697.07
	9/16/2021	170	63657577		ASTD PARTS & MATERIALS	\$463.67	
	9/16/2021	170	63606350		ASTD PARTS & MATERIALS	\$173.75	
	9/16/2021	171	64668109		ASTD PARTS & MATERIALS	\$30.49	
178605	9/16/2021	123	2280780	HANSON AGGREGATES INC	8.14 TONS 1/2 MAX HMA TYPE A-R	\$683.83	\$683.83
178511	9/9/2021		1102589124	ARAMARK	ASTD DUST MOPS, WET MOPS & TERRY	\$47.32	\$667.44
	9/9/2021		1102589144		UNIFORM LAUNDERING & RUGS	\$277.26	
	9/9/2021		1102589152		UNIFORM LAUNDERING SERVICE	\$342.86	
178579	9/16/2021	173	517619	AVERTIUM LLC	VULNERABILITY SCAN SUBSCRIPTION - AUG 2021	\$645.00	\$645.00
178528	9/9/2021	144	9692116	FISHER SCIENTIFIC	LAB SUPPLIES	\$620.07	\$620.07
178561	9/9/2021	120	01H0036018380	NESTLE WATERS NO. AMERICA READYREFR	WATER SERVICE 07/07/21 - 08/06/21	\$601.38	\$601.38



**UNION SANITARY DISTRICT  
CHECK REGISTER  
09/04/2021-09/17/2021**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
178596	9/16/2021		20210825	DALE HARDWARE INC	08/21 - ASTD PARTS & MATERIALS	\$572.24	\$572.24
178633	9/16/2021		2045303001	SAN LEANDRO ELECTRIC SUPPLY	ASTD ELECTRICAL SUPPLIES	\$139.34	\$547.88
	9/16/2021		2045303002		ASTD ELECTRICAL SUPPLIES	\$408.54	
178524	9/9/2021		10528	VINOD DHAM	REFUND # 39944	\$500.00	\$500.00
178576	9/16/2021		30360	A2Z BAY BUILDERS & PLUMBING	REFUND # 39973	\$500.00	\$500.00
178621	9/16/2021		29244	JOSH NGUYEN	REFUND # 39971	\$500.00	\$500.00
178636	9/16/2021		30361	ABHIJEET SOLANKI	REFUND # 39960	\$500.00	\$500.00
178637	9/16/2021		30356	STREAMLINE PLUMBING & DRAIN	REFUND # 39972	\$500.00	\$500.00
178612	9/16/2021		10956820210915	ICMA	PAYROLL CONTRIBUTIONS 09152021	\$461.52	\$461.52
178537	9/9/2021		604423834	HILLYARD/SAN FRANCISCO	ASST JANITORIAL SUPPLIES	\$444.63	\$444.63
178517	9/9/2021	130	16348870	BLAISDELL'S	1 LASER CARTRIDGE	\$198.19	\$435.59
	9/9/2021	120	16346900		ASTD OFFICE SUPPLIES	\$167.51	
	9/9/2021	110	16343660		ASTD OFFICE SUPPLIES	\$50.92	
	9/9/2021	110	16349430		ASTD OFFICE SUPPLIES	\$18.97	
178581	9/16/2021	141	24751900	BECK'S SHOES	SAFETY SHOES: G. GINOCHIO	\$208.00	\$416.00
	9/16/2021	171	24772100		SAFETY SHOES: A. SHONG	\$208.00	
178599	9/16/2021	170	905023674	EVOQUA WATER TECHNOLOGIES	DI WATER SYSTEM	\$363.99	\$363.99

**UNION SANITARY DISTRICT  
CHECK REGISTER  
09/04/2021-09/17/2021**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
178583	9/16/2021	170	16387090	BLAISDELL'S	ASTD OFFICE SUPPLIES	\$103.06	\$357.92
	9/16/2021	120	16380450		ASTD OFFICE SUPPLIES	\$154.46	
	9/16/2021	114	16381490		ASTD OFFICE SUPPLIES	\$92.01	
	9/16/2021	170	16383130		ASTD OFFICE SUPPLIES	\$8.39	
178523	9/9/2021	122	20210902	MICHAEL DELA ROSA	EXP REIMB: PER DIEM WEDLING SKILLS	\$327.50	\$327.50
178514	9/9/2021	122	33283	BAY COUNTIES DIESEL SERVICE	ANNUAL DPF CLEANING	\$324.21	\$324.21
178557	9/9/2021		168636	PREFERRED ALLIANCE INC	JULY 2021 SERVICE FEE	\$318.57	\$318.57
178540	9/9/2021	170	697689	KAMAN INDUSTRIAL TECHNOLOGIES	ASTD PARTS & MATERIALS	\$314.95	\$314.95
178643	9/16/2021	110	20210915	WEF-WATER ENVIRONMENT FED	WEF MEMBERSHIP M COSTELLO	\$267.00	\$267.00
178536	9/9/2021	170	3Q4118	HARRINGTON INDUSTRIAL PLASTICS	ASTD PVC PARTS & MATERIALS	\$184.57	\$264.56
	9/9/2021		3Q4117		ASTD PVC PARTS & MATERIALS	\$79.99	
178613	9/16/2021	173	6053037	INTRADO LIFE & SAFETY INC	E911 ANNUAL SUBSCRIPTION	\$250.00	\$250.00
178580	9/16/2021	122	23248	BAYSCAPE LANDSCAPE MANAGEMENT	LANDSCAPE SERVICES - IRRIGATION REPAIRS	\$225.00	\$225.00
178544	9/9/2021		5152228	MALLORY SAFETY AND SUPPLY LLC	60 PR GLOVES	\$223.66	\$223.66
178601	9/16/2021	141	170868	FREMONT RUBBER STAMP CO INC	4 SELF INKING STAMPS	\$187.82	\$187.82
178516	9/9/2021	122	24730700	BECK'S SHOES	SAFETY SHOES: M. LUBINA	\$187.41	\$187.41
178518	9/9/2021	143	20210902	SOMPORN BOONSALAT	EXP REIMB: PE LICENSE RENEWAL	\$180.00	\$180.00
178634	9/16/2021	113	20210913	JOHN SEO	EXP REIMB: SAFETY SHOES	\$176.40	\$176.40

**UNION SANITARY DISTRICT  
CHECK REGISTER  
09/04/2021-09/17/2021**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
178548	9/9/2021	122	8021393	MOTION & FLOW CONTROL PRODUCTS	ASTD PARTS & MATERIALS	\$101.87	\$159.89
	9/9/2021	122	8025759		ASTD PARTS & MATERIALS	\$58.02	
178551	9/9/2021	122	225854	NAYLOR STEEL INC	ASTD METAL, STEEL, STAINLESS & ALUMINUM	\$134.76	\$134.76
178527	9/9/2021	114	20210907	FEMA	FILING FEE: CAMPUS BUILDINGS (ADMIN, FMC, OPS)	\$100.00	\$100.00
178588	9/16/2021	170	40034840	BUREAU VERITAS/ANALYSTS INC	4 LAB SAMPLE ANALYSIS	\$98.30	\$98.30
178607	9/16/2021		604440325	HILLYARD/SAN FRANCISCO	ASST JANITORIAL SUPPLIES	\$89.52	\$89.52
178642	9/16/2021	113	8805889021	VWR INTERNATIONAL LLC	LAB SUPPLIES	\$81.78	\$81.78
178562	9/9/2021	170	434623	RKI INSTRUMENTS INC	ASTD PARTS & MATERIALS	\$79.54	\$79.54
178509	9/9/2021	170	4088644120210825	ALAMEDA COUNTY WATER DISTRICT	SERV TO: 08/24/21 - BOYCE ROAD	\$70.40	\$70.40
178608	9/16/2021		768520210827	HOME DEPOT CREDIT SERVICES	MONTHLY HARDWARE STMT - AUG 2021	\$52.73	\$52.73
178644	9/16/2021	122	2651306001	WHCI PLUMBING SUPPLY CO	ASTD PARTS & MATERIALS	\$49.97	\$49.97
178560	9/9/2021	141	16462502	QUADIENT INC	ASTD POSTAGE METER SUPPLIES	\$49.84	\$49.84
178575	9/16/2021		20210915	1ST UNITED CREDIT UNION	PAYROLL CONTRIBUTIONS 09152021	\$46.00	\$46.00
178639	9/16/2021	136	98XW53341	UPS - UNITED PARCEL SERVICE	SHIPPING CHARGES W/E 08/21/21	\$45.39	\$45.39
178567	9/9/2021	136	98XW53331	UPS - UNITED PARCEL SERVICE	SHIPPING CHARGES W/E 08/14/21	\$29.67	\$29.67
178546	9/9/2021	122	63115873	MCMASTER SUPPLY INC	ASTD PARTS & MATERIALS	\$24.62	\$24.62
178526	9/9/2021	150	747486251	FEDERAL EXPRESS CORPORATION	SHIPPING SERVICE - PUBLIC RECORDS REQUEST	\$15.88	\$15.88

**UNION SANITARY DISTRICT  
CHECK REGISTER  
09/04/2021-09/17/2021**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
<b>Invoices:</b>					<b>Checks:</b>		
<b>Credit Memos :</b>			<b>0</b>				
<b>\$0 - \$1,000 :</b>			<b>123</b>	<b>36,833.17</b>	<b>\$0 - \$1,000 :</b>	<b>62</b>	<b>26,346.65</b>
<b>\$1,000 - \$10,000 :</b>			<b>73</b>	<b>297,089.94</b>	<b>\$1,000 - \$10,000 :</b>	<b>59</b>	<b>219,792.63</b>
<b>\$10,000 - \$100,000 :</b>			<b>15</b>	<b>480,305.17</b>	<b>\$10,000 - \$100,000 :</b>	<b>17</b>	<b>568,089.00</b>
<b>Over \$100,000 :</b>			<b>2</b>	<b>681,881.86</b>	<b>Over \$100,000 :</b>	<b>2</b>	<b>681,881.86</b>
<b>Total:</b>			<b>215</b>	<b>1,496,110.14</b>	<b>Total:</b>	<b>140</b>	<b>1,496,110.14</b>