



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

**Monday, October 26, 2020
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 Orders No. N-25-20 and No. N-29-20 from the Executive Department of the State of California, the Alameda County March 31, 2020 Updated Shelter in Place Order, and Executive Order No. N-33-20, Stay-at-Home Order, the Monday, October 26, 2020, 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 to listen to the Board Meeting, and may provide public comment by sending comments to the Board Clerk by email at assistanttogm@unionsanitary.ca.gov or via voicemail by calling 510-477-7599 before 3:00 p.m. on the date of the meeting.** 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 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: 838 9815 7595 #

Participant ID: #

Click the Zoom link below to watch and listen:
<https://us02web.zoom.us/j/83898157595>

	1.	Call to Order.
	2.	Salute to the Flag. (This item has been suspended due to the COVID-19 pandemic.)
	3.	Roll Call.
Motion	4.	Approve Minutes of the Union Sanitary District Board Meeting of October 12, 2020.
Information	5.	September 2020 Monthly Operations Report <i>(to be reviewed by the Budget & Finance and Legal/Community Affairs Committee)</i> .
	6.	Written Communications.
	7.	Public Comment. Public Comment is limited to three minutes per individual, with a maximum of 30 minutes per subject. If the comment relates to an agenda item, the speaker should address the Board at the time the item is considered. Speaker cards will be available in the Boardroom and are requested to be completed prior to the start of the meeting.
Motion	8.	Consider and Approve Nine Resolutions for the Applications for Clean Water State Revolving Fund Financial Assistance for the Enhanced Treatment and Site Upgrade Phase 1A, Phase 1B, and Phase 1C Projects <i>(to be reviewed by the Engineering and Information Technology Committee)</i> .
Motion	9.	Consider a Resolution to Accept a Sanitary Sewer Easement for Tract 8342 – Winston, Located Near Washington Boulevard and Interstate 680, in the City of Fremont <i>(to be reviewed by the Legal/Community Affairs Committee)</i> .
Motion	10.	Consider a Resolution to Accept a Sanitary Sewer Easement for Tract 8385 – North Fremont Boulevard Townhomes, Located Near Fremont Boulevard and Paseo Padre Parkway, in the City of Fremont <i>(to be reviewed by the Legal/Community Affairs Committee)</i> .
Direction	11.	Consider and Provide Direction on Low Income Ratepayer Assistance Program.
Information	12.	Boardmember Expenses, 1 st Quarter of Fiscal Year 2021 <i>(to be reviewed by the Budget & Finance Committee)</i> .
Information	13.	Cal-Card 1 st Quarter Activity Report, Fiscal Year 2021 <i>(to be reviewed by the Budget & Finance Committee)</i> .
Information	14.	Status of Priority 1 Capital Improvement Program Projects <i>(to be reviewed by the Engineering and Information Technology Committee)</i> .
Information	15.	First Quarterly Report on the Capital Improvement Program for Fiscal Year 2021 <i>(to be reviewed by the Engineering and Information Technology Committee)</i> .
Information	16.	COVID-19 Update.

Information	17. Check Register.
Information	18. Committee Meeting Reports. <i>(No Board action is taken at Committee meetings):</i> <ol style="list-style-type: none"> Legal/Community Affairs Committee – Thursday, October 22, 2020, at 1:00 p.m. <ul style="list-style-type: none"> Director Toy and Director Fernandez Budget & Finance Committee – Friday, October 23, 2020, at 10:00 a.m. <ul style="list-style-type: none"> Director Kite and Director Toy Engineering and Information Technology Committee – Friday, October 23, 2020, at 11:00 a.m. <ul style="list-style-type: none"> Director Lathi and Director Handley Audit Committee – will not meet. Personnel Committee – will not meet. Legislative Committee – will not meet.
Information	19. General Manager’s Report. <i>(Information on recent issues of interest to the Board).</i>
	20. Other Business: <ol style="list-style-type: none"> Comments and questions. <i>Directors can share information relating to District business and are welcome to request information from staff.</i> Scheduling matters for future consideration.
	21. Adjournment – The Board will adjourn to a Special Meeting Board Workshop to be held virtually on Wednesday, October 28, 2020, at 4:00 p.m.
	22. Adjournment – The Board will then adjourn to the next Regular Board Meeting to be held virtually on Monday, November 9, 2020, at 4:00 p.m.

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



LEGAL/COMMUNITY AFFAIRS COMMITTEE MEETING

Committee Members: Director Toy and Director Fernandez

Directors

Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

AGENDA

Thursday, October 22, 2020

1:00 P.M.

Alvarado Conference Room

5072 Benson Road

Union City, CA 94587

Officers

Paul R. Eldredge
*General Manager/
District Engineer*

Karen W. Murphy
Attorney

Consistent with Executive Orders No. N-25-20 and No. N-29-20 from the Executive Department of the State of California, the Alameda County May 18, 2020 Updated Shelter in Place Order, and Executive Order No. N-33-20, Stay-at-Home Order, 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 or via voicemail by calling 510-477-7599 up to one hour before the scheduled meeting start time.

1. Call to Order

2. Roll Call

3. Public Comment
Public Comment is limited to three minutes per individual, with a maximum of 30 minutes per subject. If the comment relates to an agenda item, the speaker should address the Board at the time the item is considered. Speaker cards will be available and are requested to be completed prior to the start of the meeting.

4. Items to be reviewed for the Regular Board meeting of October 26, 2020:
 - September 2020 Monthly Operations Report – Odor and Work Group Reports
 - Consider a Resolution to Accept a Sanitary Sewer Easement for Tract 8342 – Winston, Located Near Washington Boulevard and Interstate 680, in the City of Fremont
 - Consider a Resolution to Accept a Sanitary Sewer Easement for Tract 8385 – North Fremont Boulevard Townhomes, Located Near Fremont Boulevard and Paseo Padre Parkway, 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.

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

Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

AGENDA
Friday, October 23, 2020
10:00 A.M.

Alvarado Conference Room
5072 Benson Road
Union City, CA 94587

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

Karen W. Murphy
Attorney

Consistent with Executive Orders No. N-25-20 and No. N-29-20 from the Executive Department of the State of California, the Alameda County May 18, 2020 Updated Shelter in Place Order, and Executive Order No. N-33-20, Stay-at-Home Order, this meeting will not be physically open to the public and all Board Members will be teleconferencing into the meeting via conference call.

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4. Items to be reviewed for the Regular Board meeting of October 26, 2020:

- September 2020 Monthly Operations Report – Financial Reports
 - Boardmember Expenses, 1st Quarter of Fiscal Year 2021
 - Cal-Card 1st Quarter Activity Report, Fiscal Year 2021
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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 Lathi and Director Handley

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, October 23, 2020

11:00 A.M.

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

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2. Roll Call

3. Public Comment

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4. Items to be reviewed for the Regular Board meeting of October 26, 2020:

- Consider and Approve Nine Resolutions for the Applications for Clean Water State Revolving Fund Financial Assistance for the Enhanced Treatment and Site Upgrade Phase 1A, Phase 1B, and Phase 1C Projects
 - Status of Priority 1 Capital Improvement Program Projects
 - First Quarterly Report on the Capital Improvement Program for Fiscal Year 2021
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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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The facilities at the District Offices are wheelchair accessible. Any attendee requiring special accommodations at the meeting should contact the General Manager's office at (510) 477-7503 at least 24 hours in advance of the meeting.

**MINUTES OF THE MEETING OF THE
BOARD OF DIRECTORS OF
UNION SANITARY DISTRICT/UNION SANITARY DISTRICT FINANCING
AUTHORITY
OCTOBER 12, 2020**

Consistent with Executive Orders No. N-25-20 and No. N-29-20 from the Executive Department of the State of California, the Alameda County March 16, 2020 Shelter in Place Order, and Executive Order No. N-33-20, Stay-at-Home Order, the Monday, October 12, 2020, 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 listen to the Board Meeting, and provide public comment by sending comments to the Board Clerk.

CALL TO ORDER

President Handley 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: Tom Handley, President
Pat Kite, Vice President
Anjali Lathi, Secretary
Manny Fernandez, Director
Jennifer Toy, 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 Construction and Maintenance Manager
Gene Boucher, Human Resources Manager
Regina McEvoy, Executive Assistant to the General Manager/Board Clerk

APPROVE MINUTES OF THE UNION SANITARY DISTRICT SPECIAL BOARD MEETING OF SEPTEMBER 23, 2020

It was moved by Director Toy, seconded by Secretary Lathi, to Approve the Minutes of the Special Board Meeting of September 23, 2020. Motion carried with the following vote:

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

APPROVE MINUTES OF THE UNION SANITARY DISTRICT BOARD MEETING OF SEPTEMBER 28, 2020

It was moved by Secretary Lathi, seconded by Director Toy, to Approve the Minutes of the Board Meeting of September 28, 2020. Motion carried with the following vote:

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

APPROVE MINUTES OF THE UNION SANITARY DISTRICT SPECIAL BOARD MEETING OF SEPTEMBER 29, 2020

It was moved by Director Fernandez, seconded by Director Toy, to Approve the Minutes of the Special Board Meeting of September 29, 2020. Motion carried with the following vote:

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

APPROVE MINUTES OF THE UNION SANITARY DISTRICT SPECIAL BOARD MEETING OF OCTOBER 1, 2020

It was moved by Director Toy, seconded by Director Fernandez, to Approve the Minutes of the Special Board Meeting of October 1, 2020. Motion carried with the following vote:

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

APPROVE MINUTES OF THE UNION SANITARY DISTRICT SPECIAL BOARD MEETING OF OCTOBER 5, 2020

It was moved by Director Toy, seconded by Secretary Lathi, to Approve the Minutes of the Special Board Meeting of October 5, 2020. Motion carried with the following vote:

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

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. Human Resources Manager Boucher stated details of salary changes were outlined in the Board meeting packet. The raise given to Unclassified Staff was consistent with the Memorandum of Understanding and the raise previously given to Classified Staff. Staff recommended the Board approve the Publicly Available Pay Schedule for Unclassified Staff effective September 1, 2020, which will be posted and retained in accordance with CalPERS requirements.

It was moved by Secretary Lathi, seconded by Vice President Kite, to Approve the Publicly Available Pay Schedule for Unclassified Staff Effective September 1, 2020. Motion carried with the following vote:

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

AUTHORIZE THE GENERAL MANAGER TO EXECUTE TASK ORDER NO. 2 WITH CAROLLO ENGINEERS, INC. FOR THE AERATION BLOWER NO. 11 PROJECT

This item was reviewed by the Engineering and Information Technology Committee. Technical Services Manager Ghossain stated the purpose of the Task Order was to authorize engineering services during construction for the Aeration Blower No. 11 Project. The scope of services and fees for Task Order No. 2 were summarized in the Board meeting packet. The Task Order's total not-to-exceed amount was 4.5% of the construction contract amount of \$1,652,000. Staff expects to issue the Notice to Proceed to Western Water Constructors, Inc. in October 2020 and anticipates construction to be completed by October 2021. Staff recommended the Board authorize the General Manager to execute Task Order No. 2 with Carollo Engineers, Inc. in the amount of \$74,705 to provide engineering services during construction for the Aeration Blower No. 11 Project.

It was moved by Vice President Kite, seconded by Secretary Lathi, to Authorize the General Manager to Execute Task Order No. 1 with Carollo Engineers, Inc. in the Amount of \$74,705 to Provide Engineering Services During Construction for the Aeration Blower No. 11 Project. Motion carried with the following vote:

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

CALPERS ACTUARIAL VALUATION AS OF JUNE 20, 2020 WITH PROJECTED FUTURE CONTRIBUTIONS

This item was reviewed by the Budget & Finance Committee. General Manager Eldredge stated the agenda incorrectly showed this would be a motion item, but the item was informational as correctly indicated by the staff report. Business Services Manager/CFO Carlson stated this report is submitted annually to the Board to provide information on the status of the CalPERS pension plan provided to its employees. The District annually receives a pension valuation from the California Public Employees' Retirement System (CalPERS) regarding the status of its pension plan. The valuation, Actuarial Valuation as of June 30, 2019 for the Miscellaneous Plan, was included in the Board meeting packet. The District's pension payments consist of three components: Employers Normal Cost, Employers Unfunded Accrued Liability, and Employee Contribution. A detailed breakdown of said costs was included in the report for this item.

CONSIDER FOURTH AMENDED AND RESTATED EMPLOYMENT AGREEMENT BETWEEN UNION SANITARY DISTRICT AND PAUL R. ELDREDGE

District Counsel Murphy stated the General Manager's performance evaluation took place on September 23 and October 1, 2020, and the Board met with its designated ad hoc subcommittee on October 1, 2020. The following amendments were agreed upon: (1) an increase in salary to \$300,229.16, or approximately 3.25%; and (2) a one-time payment of \$5,000.00. Staff recommended the Board approve the Fourth Amended and Restated Employment Agreement in the form included in the Board Packet.

It was moved by Vice President Kite, seconded by Director Fernandez, to Approve the Fourth Amended and Restated Employment Agreement as Included in the Board Packet. Motion carried with the following vote:

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

INFORMATION ITEMS:

Report on the East Bay Dischargers Authority Meeting of September 17, 2020

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

COVID-19 Update

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

Check Register

Staff responded to Boardmember questions regarding the check register.

COMMITTEE MEETING REPORTS:

The Budget & Finance, Personnel, and Engineering and Information Technology met.

GENERAL MANAGER'S REPORT:

General Manager Eldredge stated the following:

- General Manager Eldredge will meet with the State Water Resources Control Board next week to discuss SRF funding for District projects.
- District staff will soon reach out to state and local elected officials to seek their support for SRF funding applications.
- The San Francisco Bay Regional Water Quality Control Board will consider the District's Wet Weather Outfall Permit next week.
- The District's WIFIA pre-application will be submitted to see if the District will be able to submit an application for funding.

OTHER BUSINESS:

There was no other business

ADJOURNMENT:

The meeting was adjourned at 4:36 p.m. to the next Regular Board Meeting to be held virtually at 4:00 p.m. on Monday, October 26, 2020.

SUBMITTED:

ATTEST:

REGINA McEVOY
BOARD CLERK

ANJALI LATHI
SECRETARY

APPROVED:

TOM HANDLEY
PRESIDENT

Adopted this 26th day of October 2020



Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

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

Karen W. Murphy
Attorney

**OCTOBER 26, 2020
BOARD OF DIRECTORS MEETING
AGENDA ITEM # 5**

TITLE: Monthly Operations Report for September 2020 *(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 September 2020. Staff is available to answer questions regarding information contained in the report.

Work Group Managers

General Manager/Administration	Paul Eldredge	GM
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 September 2020, there were four odor complaints received by the District. Details of the complaints were included in the Board meeting packet.

STAFFING & PERSONNEL:

Completed Recruitments Resulting in Promotions:

- 7th & 8th Conditional Leads CSW – Steve Bullis promoted to Lead CSW; Mike Minchaca promoted to 8th Conditional Lead; both effective 9/26/2020.

Continuing Recruitments:

- Instrumentation Technician/Electrician – replacement for Yung Lu – retirement 12/30/2020.

Separations:

- Robert Culbertson, CSW II, retirement effective 9/2/2020.

G.M. ACTIVITIES: For the month of September, the General Manager was involved in the following:

- Attended the East Bay Dischargers Authority (EBDA) JPA Commission Meeting
- Attended the EBDA Manager's Advisory Committee Meeting
- Coordinated District response to COVID-19 Pandemic
- Prepared for and Presented during the General Manager's Annual Performance Evaluation

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



ODOR REPORT September 2020

During the recording period from September 01, 2020 through September 30, 2020, there were four odor related service requests received by the District.

City: Fremont

1. Complaint Details:

*Date: 9/24/2020
Location: THETA CT
Wind (from): North
Temperature: 77*

*Time: 10:08:00AM
Reported By: Joseph Prasad
Wind Speed: 5 mph
Weather: clear*

Response and Follow-up:

USD staff responded to a report of foul odor in front of a residence. Staff inspected USD mains and found solids had settled in a manhole that could have caused the odor. Staff cleaned the main and shared the information with the reporting party. The USD main is on a court and the performance of mains on a court will sometimes suffer from lack of upstream flow. Staff will evaluate the history of the line and adjust the cleaning schedule to prevent further odors.

2. Complaint Details:

*Date: 9/24/2020
Location: ADLER CT
Wind (from): South West
Temperature: 63*

*Time: 9:24:00PM
Reported By: Burtin Heart
Wind Speed: 7 mph
Weather: clear*

Response and Follow-up:

USD staff responded to a report of foul odor near residence. Caller shared that ACWD was recently excavating in the area. USD staff responded and visually inspected sewer mains near the report location. No evidence of odor or stoppage from USD mains was present.

Shared information with the reporting party. No further action is needed at this time.

3. Complaint Details:

*Date: 9/25/2020
Location: PACIFIC COMMONS BL
Wind (from):
Temperature: 70*

*Time: 11:41:00AM
Reported By: Ben Ragel
Wind Speed: 10 mph
Weather: sunny*

Response and Follow-up:

A report of an overflowing manhole and accompanying foul odor was received. Both USD Collections Department staff and Environmental Compliance staff responded and determined that the leak was coming from a private manhole inside a private parking lot. The reporting party contacted a contractor to remove the blockage from the private line. The spill was contained within the private property.

No further action is needed at this time.

City: Union City

4. Complaint Details:

Date: 9/17/2020

Location: RISDON DR

Wind (from): West

Temperature: 72

Time: 4:47:00PM

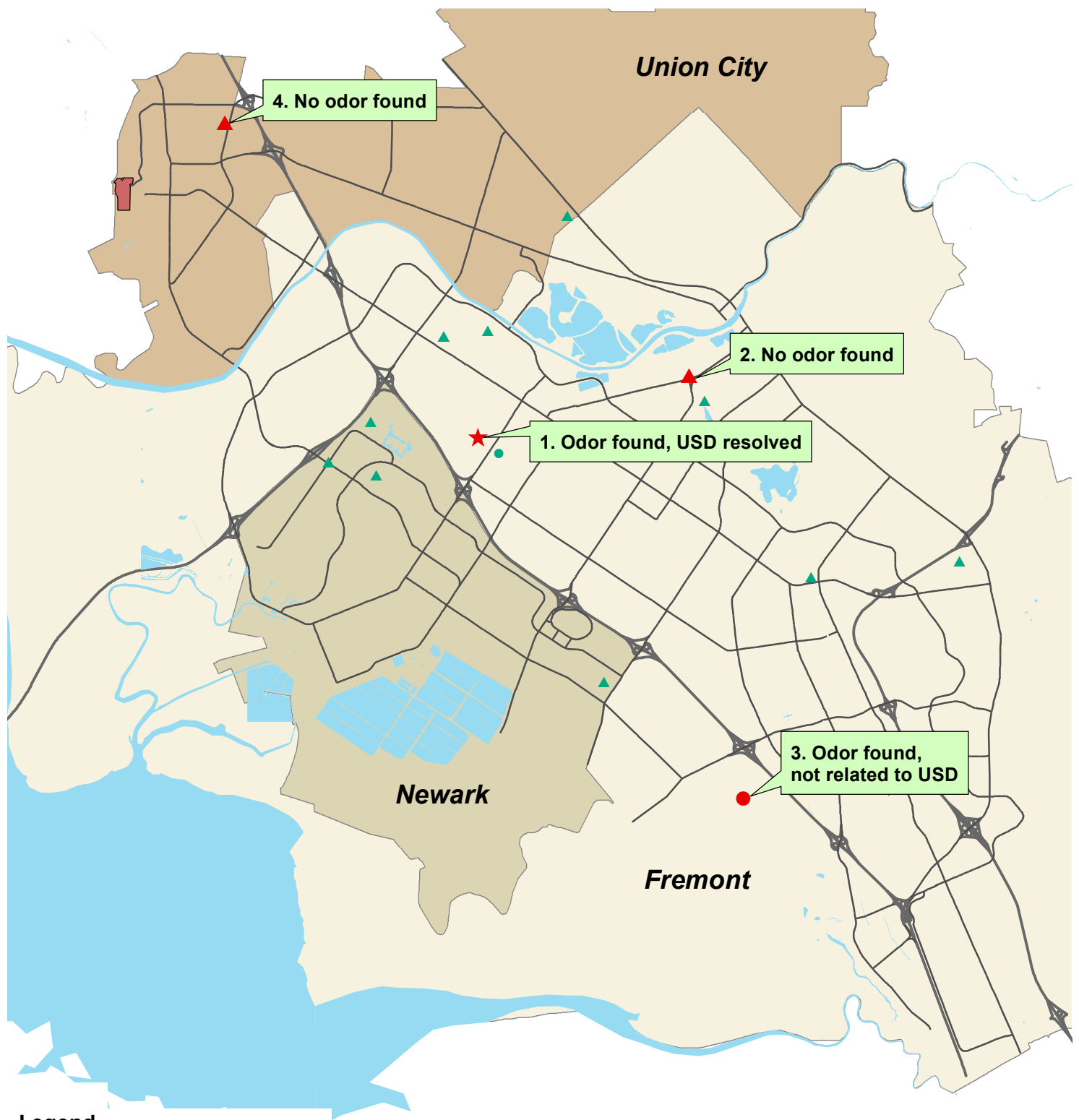
Reported By: Linda Diggs

Wind Speed: 10 mph

Weather: sunny

Response and Follow-up:

USD received a report of a foul odor inside a residence, coming from the sinks and shower. USD staff responded to the location of the residence. There was no odor present outside the residence. USD staff inspected nearby USD mains and detected no odors. Staff shared the information with the resident and gave them a Vents and Traps Pamphlet.



Legend

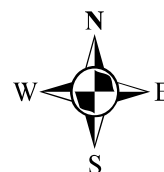
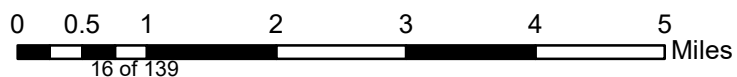
Odor Complaints: September 2020

- ★ Odor found, USD resolved (1)
- Odor found, not related to USD (1)
- ▲ No odor found (2)

Odor Complaints: Oct. 2019 to Aug. 2020

- ★ Odor found, USD resolved (0)
- Odor found, not related to USD (1)
- ▲ No odor found (12)

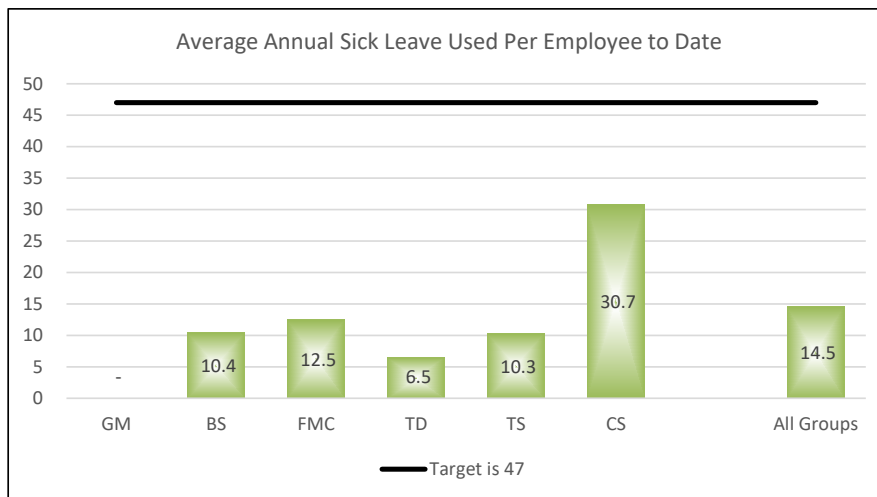
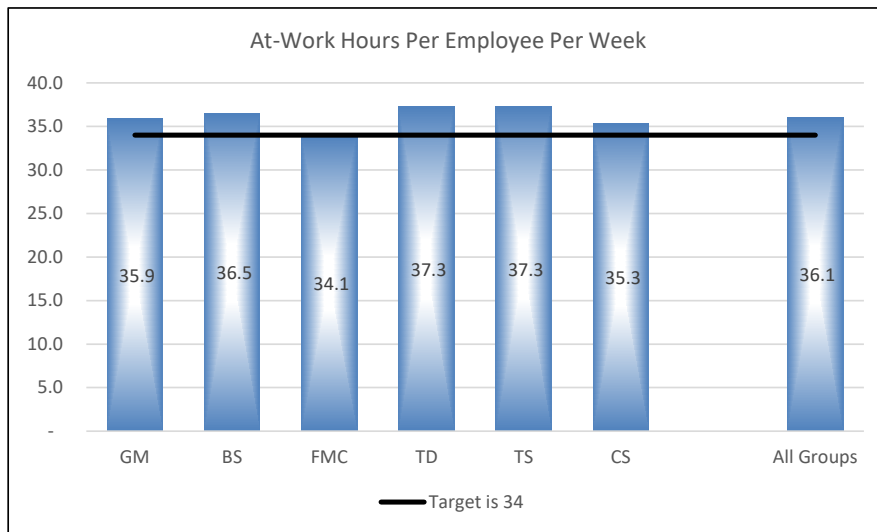
Location of Odor Reports October 2019 to September 2020



HOURS WORKED AND LEAVE TIME BY WORK GROUP

June 25, 2020 through September 30, 2020

Weeks to Date: 14 out of 52 (26.92%)



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 Fami

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 25, 2020 through September 30, 2020

Weeks to Date: 14 out of 52 (26.92%)

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)		Average Number of Employees	At-Work Hours Per Week Per Employee	Annual Sick Leave Used
GM	2	994.25	-	35.9	125.75	-	-	-	-	0.0	2	34.9	35.9
BS	18	9,007.00	98.50	36.5	725.27	-	-	187.73	-	10.4	17	36.6	36.8
FMC	27	12,692.00	54.58	34.1	1,625.50	263.47	177.00	323.33	13.00	12.5	28	34.2	33.0
TD	28	14,341.82	115.48	37.3	1,496.18	-	-	107.58	74.42	6.5	27	35.4	48.8
TS	32	16,509.42	17.08	37.3	1,040.78	40.40	-	278.65	50.75	10.3	33	35.0	48.5
CS	32	15,180.75	483.87	35.3	1,700.75	81.73	-	888.80	94.97	30.7	31	33.9	91.2
All Groups	139	68,725.24	769.51	36.1	6,714.23	385.60	177.00	1,786.09	233.14	14.5	138	35.1	50.5

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)

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 2021

Year-to-date as of 9/30/2020

25% of year elapsed

Revenues	Budget	Actual	% of Budget Rec'd	Unaudited Last Year Actuals 6/30/20
Capacity Fees	\$ 5,712,200	\$ 910,302	16%	\$ 14,179,464
Sewer Service Charges	60,500,000	(6,283)	0%	57,260,030
Operating (Includes work groups and fund 85)	1,293,500	202,407	16%	1,169,481
Interest	1,150,000	443,643	39%	3,178,106
Misc. (Annex fees, forfeited deposits)	75,000	13,322	18%	25,673
Subtotal Revenues	\$ 68,730,700	1,563,391	2%	\$ 75,812,754
Bond Proceeds	-	-	0.0%	73,609,860
Total Revenues + Bond Proceeds	\$ 68,730,700	\$ 1,563,391	2%	\$ 149,422,614
Expenses	Budget	Actual	% of Budget Used	Last Year Actuals
Capital Improvement Program:				
Capacity Proj.	\$ 22,630,500	\$ 2,794,491	12%	\$ 6,630,350
Renewal & Repl. Proj.	20,052,000	1,512,055	8%	4,368,305
Operating (includes fund 85)	45,075,355	9,605,241	21%	39,923,527
Special Projects	2,723,000	169,773	6%	1,249,410
Retiree Medical (ADC)	1,208,354	300,173	25%	1,392,371
Vehicle & Equipment	77,868	34,306	44%	42,258
Information Systems	960,800	301,243	31%	465,523
Plant & Pump Stat. R&R	400,000	-	0%	244,669
Emerg. Fund	-	-	0%	-
Cty Fee for SSC Admin.	111,000	-	0%	109,988
Debt Servicing:				
SRF Loans	-	-	-	39,670,259
Bonds	4,684,773	3,540,572	76%	-
Total Expenses	\$ 97,923,650	\$ 18,257,854	19%	\$ 94,096,660
Total Revenue & Proceeds less Expenses	\$ (29,192,950)	\$ (16,694,463)		55,325,954

Operating (Work Group) Expenses

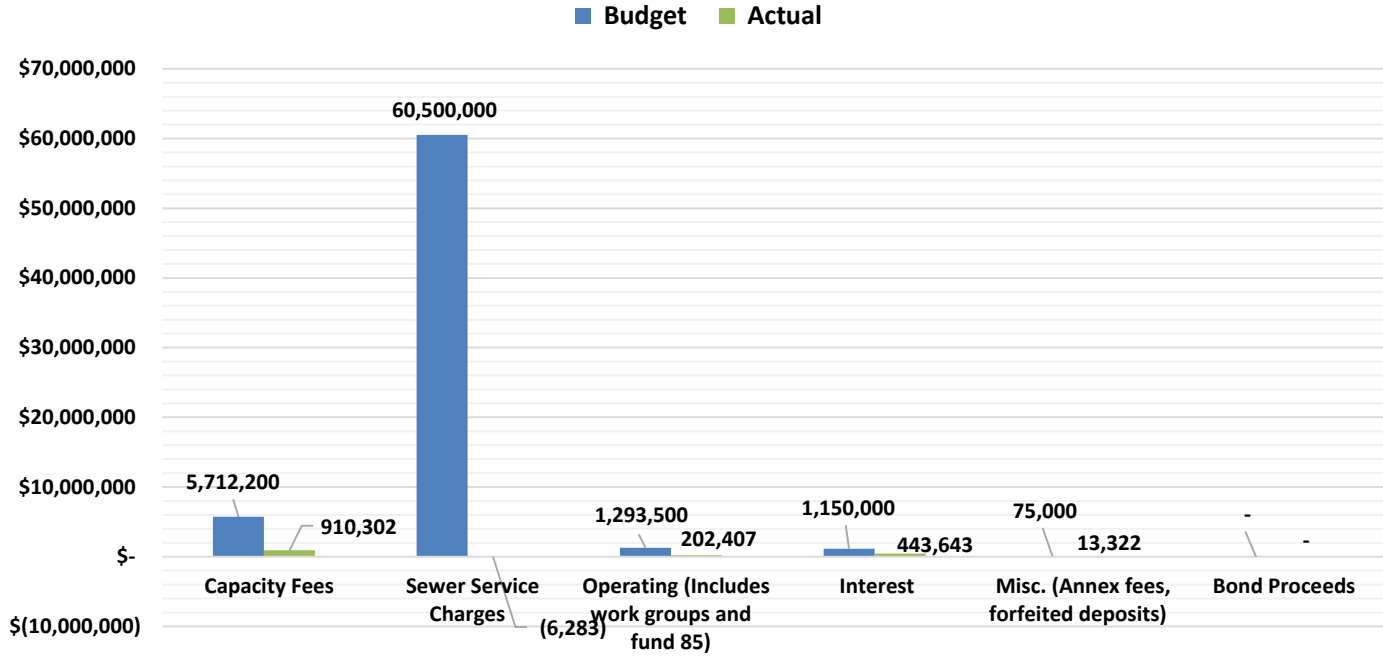
	Budget	Actual	% of Budget Used	Unaudited Last Year Actuals
Board of Directors	\$ 180,354	\$ 29,207	16%	\$ 134,873
General Manager/Admin.	1,066,753	223,979	21%	889,813
Business Services	4,169,231	907,989	22%	3,561,371
Collection Services	7,623,414	1,674,464	22%	6,996,512
Technical Services	6,815,278	1,647,359	24%	6,446,693
Treatment & Disposal Services	15,187,206	3,032,771	20%	12,636,368
Fabrication, Maint. & Construction	9,050,619	1,885,603	21%	8,551,289
Non-Departmental	982,500	203,870	21%	706,608
Total	\$ 45,075,355	\$ 9,605,241	21%	\$ 39,923,527

Operating (Work Group) Expenses by Type

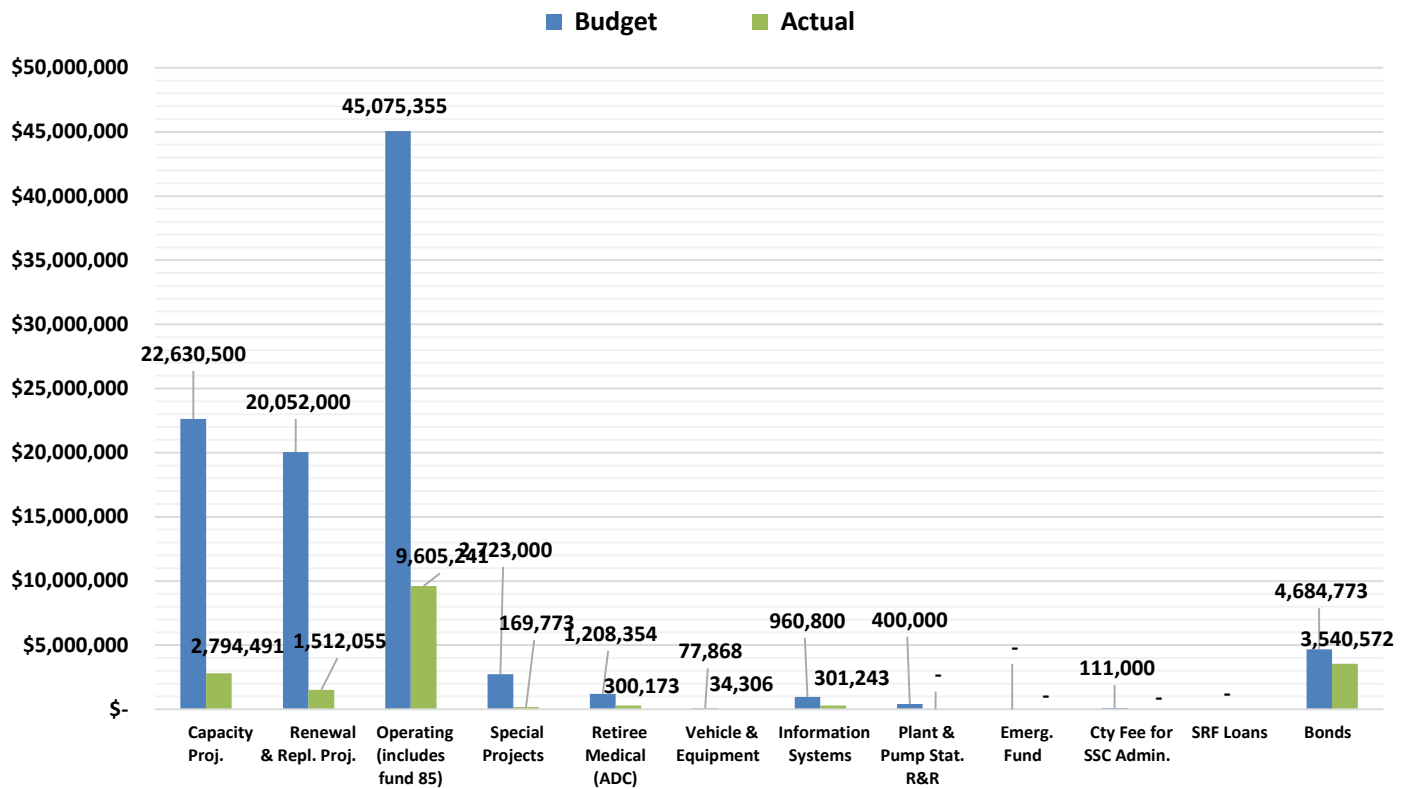
	Budget	Actual	% of Budget Used	Last Year Actuals
Personnel (incl D&E)	\$ 30,366,922	\$ 7,203,264	24%	\$ 27,524,005
Repairs & Maintenance	2,416,400	353,252	15%	2,388,026
Supplies & Matls (chemicals, small tools)	3,457,020	520,150	15%	3,051,814
Outside Services (utilities, biosolids, legal)	8,517,513	1,481,360	17%	6,737,202
Fixed Assets	317,500	47,216	15%	222,480
Total	\$ 45,075,355	\$ 9,605,241	21%	\$ 39,923,527

REVENUES AND EXPENSES REPORT
as of 9/30/20

Total Revenues

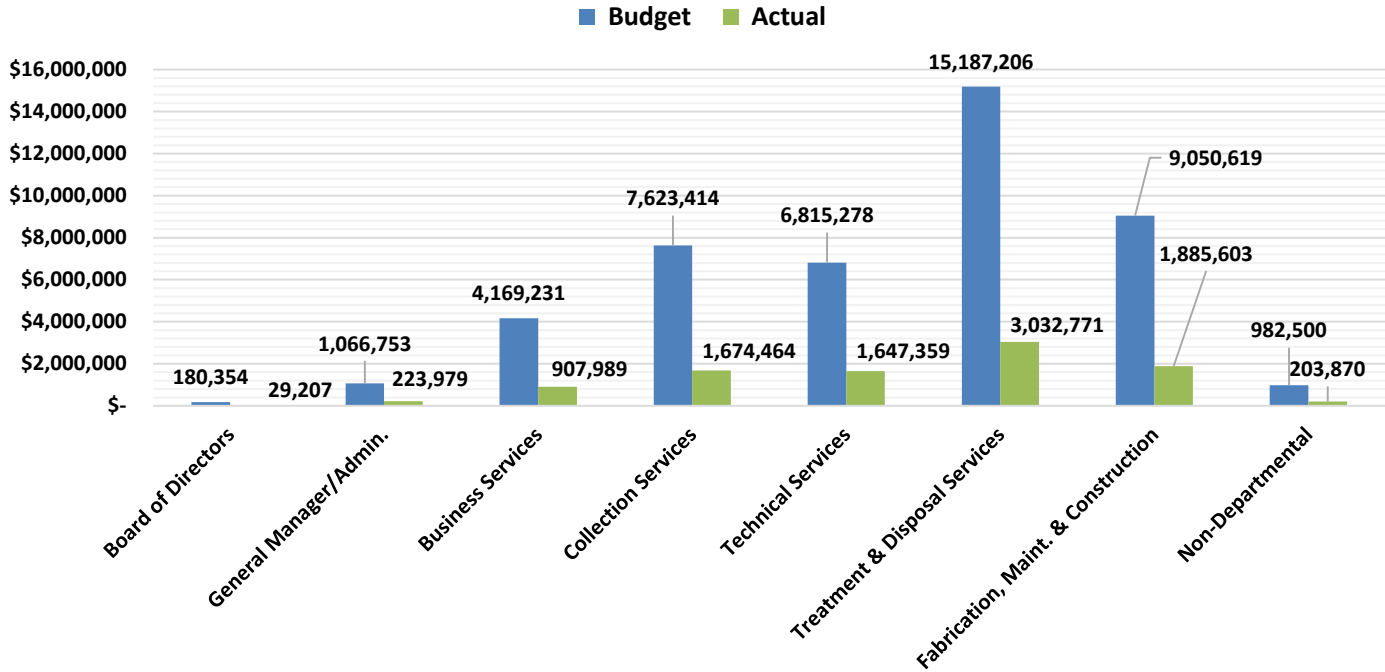


Total Expenses

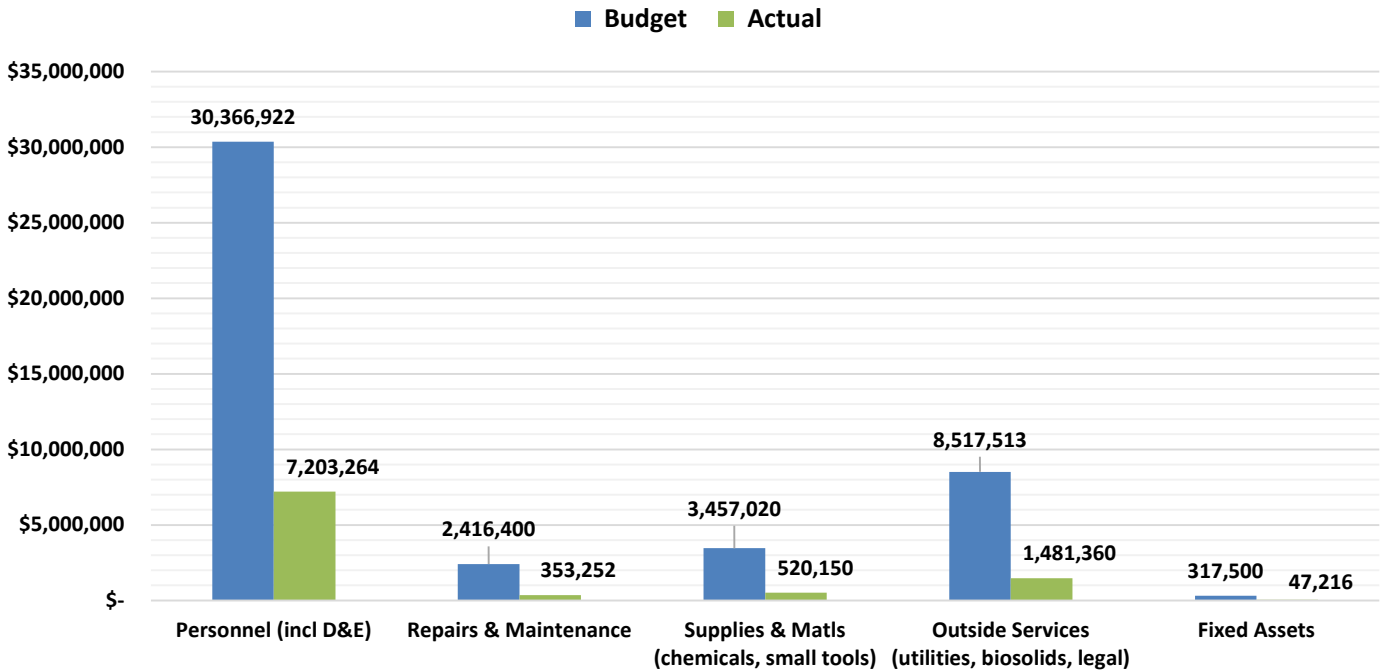


REVENUES AND EXPENSES REPORT
as of 9/30/20

Operating Expenses by Work Group



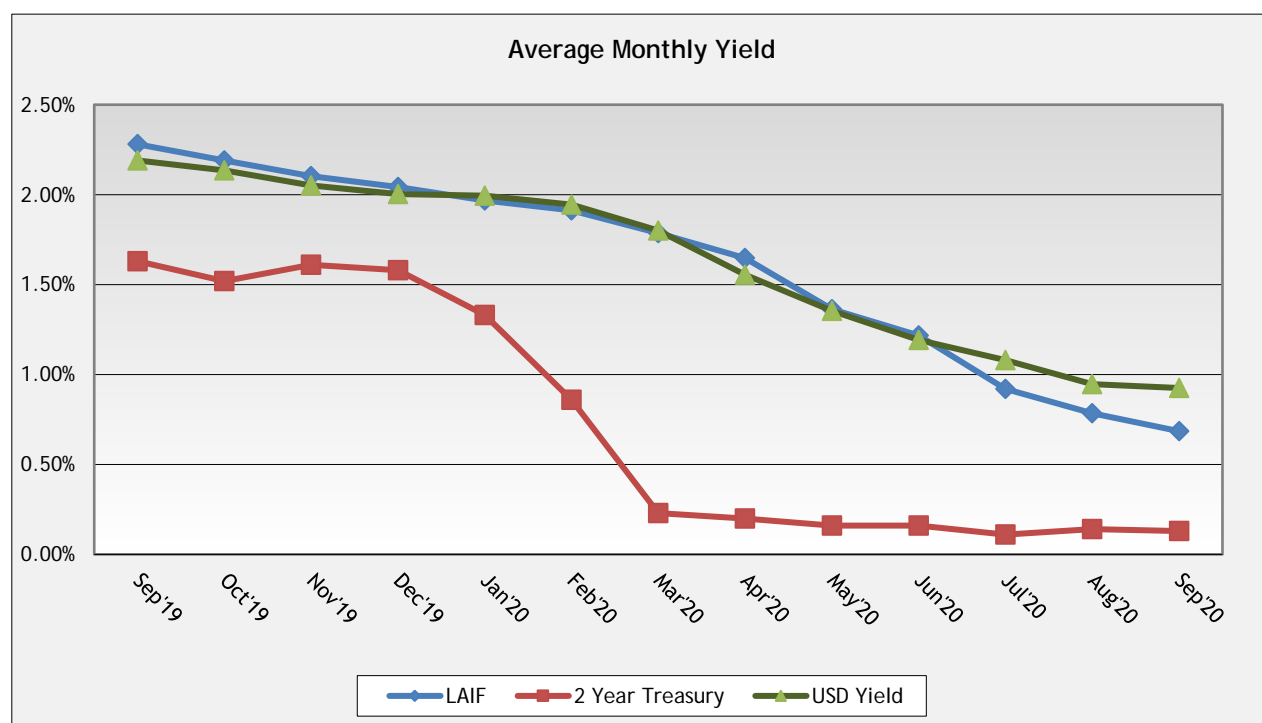
Operating Expenses by Type



**Business Services Group
September 2020**

- Financial audit was completed with no findings.
- Received NGIP Award for Excellence in Procurement.
- Received GFOA Award for Certificate of Achievement of Excellence in Financial Reporting

Performance Measures for the USD Investment Portfolio

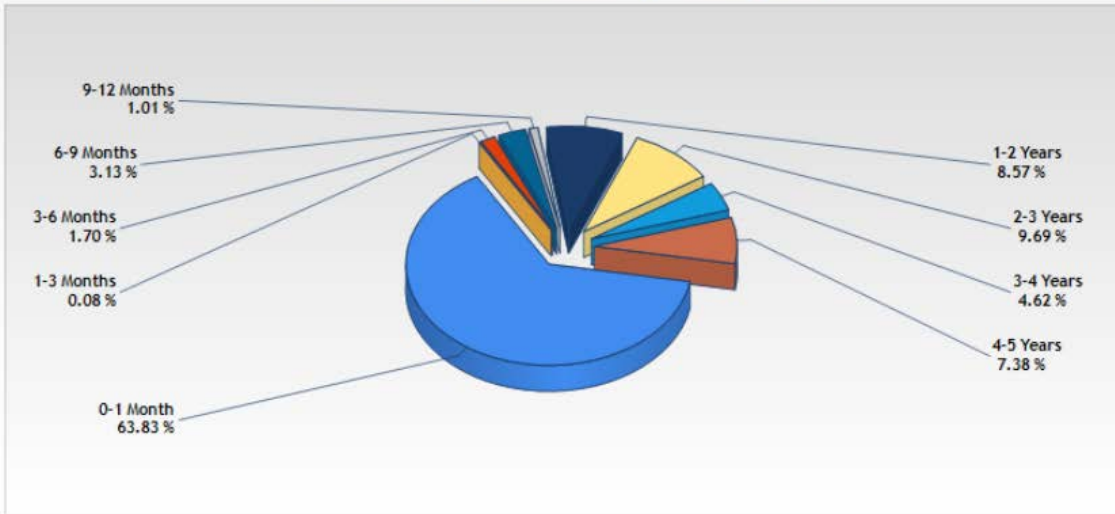


	May'20	Jun'20	Jul'20	Aug'20	Sep'20
LAIF	1.36%	1.22%	0.92%	0.78%	0.69%
2 Year Treasury	0.16%	0.16%	0.11%	0.14%	0.13%
USD Yield	1.35%	1.19%	1.08%	0.95%	0.93%

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	98,615,671.19	0.576	98,615,671.19	1	63.83	98,615,914.60	98,615,671.19	0.00
1-3 Months	120,000.00	1.677	121,275.00	61	0.08	120,519.60	120,211.92	0.17
3-6 Months	2,625,000.00	1.132	2,632,723.94	131	1.70	2,635,031.40	2,626,444.69	0.36
6-9 Months	4,854,000.00	1.462	4,840,585.44	239	3.13	4,883,422.26	4,848,632.46	0.65
9-12 Months	1,545,000.00	2.035	1,554,907.03	315	1.01	1,574,345.05	1,552,801.39	0.86
1-2 Years	13,213,000.00	1.689	13,236,946.58	560	8.57	13,521,862.96	13,226,986.20	1.52
2-3 Years	15,115,000.00	1.712	14,966,338.87	965	9.69	15,595,344.58	15,028,132.28	2.60
3-4 Years	7,110,000.00	1.956	7,133,871.98	1,259	4.62	7,546,176.12	7,137,537.05	3.34
4-5 Years	11,349,000.00	0.947	11,403,872.40	1,671	7.38	11,567,909.89	11,402,915.99	4.47
TOTAL / AVERAGE	154,546,671.19	0.925	154,506,192.43	337	100	156,060,526.46	154,559,333.17	0.90

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 9/30/2020

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
Agencies											
FFCB 0.23 6/9/2022	3133ELH64	S&P-AA+	6/9/2020	1,635,000.00	1,631,730.00	0.230	1,634,525.85	0.330		6/9/2022	1.06
FFCB 1.15 4/9/2025-20	3133ELWC4	S&P-AA+	4/14/2020	1,620,000.00	1,620,000.00	1.150	1,620,372.60	1.150	10/9/2020	4/9/2025	1.05
FHLB 0.5 4/14/2025	3130AJHU6	None	4/16/2020	560,000.00	557,222.40	0.500	564,244.80	0.601		4/14/2025	0.36
FHLB 1.375 2/17/2023	3130AJ7E3	None	2/21/2020	775,000.00	773,574.00	1.375	796,723.25	1.438		2/17/2023	0.50
FHLB 2 10/26/2021-19	3130AB3D6	None	4/26/2017	1,000,000.00	1,000,000.00	2.000	1,020,050.00	2.000		10/26/2021	0.65
FHLMC 0.25 6/26/2023	3137EAES4	None	6/26/2020	780,000.00	777,722.40	0.250	780,702.00	0.348		6/26/2023	0.50
FHLMC 0.25 8/24/2023	3137EAEV7	None	8/21/2020	520,000.00	519,469.60	0.250	520,353.60	0.284		8/24/2023	0.34
FHLMC 0.375 5/5/2023	3137EAER6	S&P-AA	5/29/2020	495,000.00	495,688.05	0.375	497,123.55	0.327		5/5/2023	0.32
FHLMC 0.375 7/21/2025	3137EAEU9	None	7/23/2020	525,000.00	522,385.50	0.375	525,084.00	0.476		7/21/2025	0.34
FHLMC 0.375 9/23/2025	3137EAEX3	None	9/25/2020	795,000.00	792,607.05	0.375	792,376.50	0.436		9/23/2025	0.51
FHLMC 1.1 4/28/2025-20	3134GVNJ3	Moodys-Aaa	4/28/2020	1,009,000.00	1,010,261.25	1.100	1,009,010.09	1.074	10/28/2020	4/28/2025	0.65
FHLMC 1.5 2/12/2025	3137EAEP0	None	2/14/2020	1,035,000.00	1,034,203.05	1.500	1,086,315.30	1.516		2/12/2025	0.67
FNMA 0.25 5/22/2023	3135G04Q3	None	5/22/2020	865,000.00	862,396.35	0.250	865,622.80	0.351		5/22/2023	0.56
FNMA 0.25 7/10/2023	3135G05G4	None	7/10/2020	1,095,000.00	1,092,645.75	0.250	1,094,770.05	0.322		7/10/2023	0.71
FNMA 0.375 8/25/2025	3135G05X7	None	8/27/2020	555,000.00	552,402.60	0.375	553,251.75	0.470		8/25/2025	0.36
FNMA 0.5 6/17/2025	3135G04Z3	None	6/19/2020	865,000.00	863,209.45	0.500	868,987.65	0.542		6/17/2025	0.56
FNMA 0.5 8/14/2025-23	3135G05S8	S&P-AA+	8/24/2020	1,000,000.00	998,400.00	0.500	998,510.00	0.533	8/14/2023	8/14/2025	0.65
FNMA 0.625 4/22/2025	3135G03U5	None	4/24/2020	875,000.00	873,197.50	0.625	886,856.25	0.667		4/22/2025	0.57
FNMA 0.625 4/22/2025	3135G03U5	None	4/28/2020	125,000.00	124,763.75	0.625	126,693.75	0.664		4/22/2025	0.08
FNMA 1.625 1/7/2025	3135G0X24	S&P-AA+	3/5/2020	395,000.00	409,690.05	1.625	416,239.15	0.839		1/7/2025	0.27
FNMA 1.625 10/15/2024	3135G0W66	Fitch-AAA	11/25/2019	1,000,000.00	997,860.00	1.625	1,053,250.00	1.671		10/15/2024	0.65
FNMA 1.875 4/5/2022	3135G0T45	S&P-AA+	3/16/2020	970,000.00	993,619.50	1.875	995,540.10	0.678		4/5/2022	0.64
Sub Total / Average Agencies				18,494,000.00	18,503,048.25	0.846	18,706,603.04	0.808			11.98

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
Asset-Backed Security											
Carmax Auto Owner Trust 1.89 12/16/2024	14315XAC2	S&P-AAA	1/22/2020	185,000.00	184,963.70	1.890	189,903.20	1.895		12/16/2024	0.12
Honda Auto Receivables 2020-1 1.61 4/22/2024-23	43813RAC1	None	2/26/2020	305,000.00	304,940.22	1.610	312,186.62	1.615	5/21/2023	4/22/2024	0.20
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	424,042.60	1.662	10/15/2023	5/15/2024	0.27
Sub Total / Average Asset-Backed Security				905,000.00	904,873.96	1.690	926,132.42	1.694			0.59
CAMP											
CAMP LGIP	LGIP4000	None	5/31/2011	19,035,791.84	19,035,791.84	0.270	19,035,791.84	0.270	N/A	N/A	12.32
Sub Total / Average CAMP				19,035,791.84	19,035,791.84	0.270	19,035,791.84	0.270			12.32
Cash in Banks											
Union Bank Cash	LGIPUNIONBANK	None	12/31/2016	4,463,230.68	4,463,230.68	0.010	4,463,230.68	0.010	N/A	N/A	2.89
Sub Total / Average Cash in Banks				4,463,230.68	4,463,230.68	0.010	4,463,230.68	0.010			2.89
Certificates of Deposit											
American Expr Centurion 2.45 4/5/2022	02587DN38	None	4/5/2017	247,000.00	247,000.00	2.450	255,160.29	2.450		4/5/2022	0.16
Belmont Savings Bank 2.15 3/22/2022	080515BV0	None	3/20/2017	248,000.00	248,000.00	2.150	254,819.45	2.150		3/22/2022	0.16
BMW Bank 2.15 3/10/2022	05580AGR9	None	3/10/2017	247,000.00	247,000.00	2.150	253,653.02	2.150		3/10/2022	0.16
Capital One Bank 1.5 10/26/2020	140420L99	None	10/26/2016	248,000.00	248,000.00	1.500	248,243.41	1.500		10/26/2020	0.16
Credit Agricole CIB NY 2.83 4/2/2021	22535CDU2	None	4/4/2019	575,000.00	575,000.00	2.830	582,562.23	2.830		4/2/2021	0.37
Credit Suisse0.59 2/1/2022	22549L6F7	S&P-A1	8/7/2020	435,000.00	435,000.00	0.590	436,216.48	0.590		2/1/2022	0.28
Discover Bank 2.25 12/29/2021	254672Y36	None	12/29/2016	247,000.00	247,000.00	2.250	252,956.70	2.250		12/29/2021	0.16
DNB Nor Bank ASA 2.04 12/2/2022	23341VZT1	NR	12/6/2019	430,000.00	430,000.00	2.040	447,177.38	2.040		12/2/2022	0.28
Ponce De Leon Federal Bank 1.85 5/28/2021	732333AJ8	None	5/31/2017	249,000.00	249,000.00	1.850	251,631.83	1.850		5/28/2021	0.16
	83369XDL9	None	2/19/2020	570,000.00	570,000.00	1.800	581,783.15	1.800		2/14/2022	0.37

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
Societe Generale NY 1.8 2/14/2022											
State Bank of India 2.25 1/26/2022	8562846A7	None	1/26/2017	247,000.00	247,000.00	2.250	253,359.53	2.250		1/26/2022	0.16
Sumitomo Mitsui Bank NY 0.7 7/8/2022	86565CKU2	None	7/14/2020	435,000.00	435,000.00	0.700	438,478.78	0.700		7/8/2022	0.28
Synchrony Bank 2.3 2/24/2022	87165ELT2	None	2/28/2017	247,000.00	247,000.00	2.300	253,958.66	2.300		2/24/2022	0.16
Sub Total / Average Certificates of Deposit				4,425,000.00	4,425,000.00	1.870	4,510,000.91	1.870			2.86
Commercial Paper											
MUFG Bank LTD/NY 0 2/22/2021	62479LPN9	S&P-A1	8/24/2020	1,000,000.00	998,837.22	0.000	999,241.40	0.230		2/22/2021	0.65
Sub Total / Average Commercial Paper				1,000,000.00	998,837.22	0.000	999,241.40	0.230			0.65
Corporate Issues											
Amazon.com Inc. 2.4 2/22/2023	023135AW6	Fitch-A+	4/15/2019	675,000.00	668,499.75	2.400	707,676.75	2.664		2/22/2023	0.43
American Express Credit 2.7 3/3/2022	0258M0EG0	Moodys-A2	5/15/2017	1,000,000.00	1,013,279.67	2.700	1,031,090.00	2.406		3/3/2022	0.66
American Honda Finance 1.95 5/10/2023	02665WDH1	None	1/10/2020	415,000.00	414,846.45	1.950	429,595.55	1.962		5/10/2023	0.27
Apple Inc 0.75 5/11/2023	037833DV9	S&P-AA+	5/11/2020	325,000.00	324,116.00	0.750	328,315.00	0.842		5/11/2023	0.21
Bank of America Corp 4.1 7/24/2023	06053FAA7	Fitch-A	3/22/2019	500,000.00	520,405.00	4.100	547,405.00	3.087		7/24/2023	0.34
BB&T Corporation 3.05 6/20/2022-22	05531FBG7	Fitch-A+	3/22/2019	525,000.00	525,714.00	3.050	547,134.00	3.006	5/20/2022	6/20/2022	0.34
Bristol-Myers Squibb Co 3.875 8/15/2025-25	110122DC9	S&P-A+	9/30/2020	375,000.00	428,505.00	3.875	427,563.75	0.879	5/15/2025	8/15/2025	0.28
Chevron Corp 2.1 5/16/2021	166764BG4	Moodys-Aa2	5/10/2017	1,000,000.00	999,500.00	2.100	1,010,180.00	2.113		5/16/2021	0.65
Exxon Mobil Corporation 2.726 3/1/2023	30231GAR3	Moodys-Aaa	6/14/2019	985,000.00	1,001,400.25	2.726	1,035,894.95	2.256		3/1/2023	0.65
JP Morgan Chase & Co 0.653 9/16/2024-23	46647PBS4	None	9/16/2020	110,000.00	110,000.00	0.653	110,041.80	0.653	9/16/2023	9/16/2024	0.07
JPMorgan Chase & Co 2.7 5/18/2023-23	46625HRL6	Fitch-A+	3/22/2019	525,000.00	517,970.25	2.700	554,415.75	3.045	3/18/2023	5/18/2023	0.34
Paccar Financial Corp 2.65 5/10/2022	69371RP83	None	5/10/2019	580,000.00	579,686.80	2.650	601,106.20	2.669		5/10/2022	0.38
	857477AV5	Fitch-AA-	3/22/2019	530,000.00	520,566.00	1.950	535,798.20	2.805		5/19/2021	0.34

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
State Street Corp 1.95 5/19/2021											
Toyota Motor Credit Corp 1.8 2/13/2025	89236TGT6	S&P-AA-	5/26/2020	180,000.00	181,758.60	1.800	188,058.60	1.584		2/13/2025	0.12
Toyota Motor Credit Corp 1.8 2/13/2025	89236TGT6	S&P-AA-	5/26/2020	250,000.00	252,442.50	1.800	261,192.50	1.584		2/13/2025	0.16
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	1,014,475.55	0.701	1/11/2023	4/11/2023	0.66
Sub Total / Average Corporate Issues				8,940,000.00	9,074,391.37	2.536	9,329,943.60	2.126			5.87
LAIF											
LAIF LGIP	LGIP1002	None	4/30/2011	74,868,648.67	74,868,648.67	0.685	74,868,648.67	0.685	N/A	N/A	48.46
Sub Total / Average LAIF				74,868,648.67	74,868,648.67	0.685	74,868,648.67	0.685			48.46
Municipal											
City of Riverside CA 2.125 6/1/2021	769036BA1	S&P-AA-	6/1/2017	500,000.00	500,000.00	2.125	504,830.00	2.125		6/1/2021	0.32
State of California 2.152 4/1/2022	13063DAD0	Moodys-Aa3	4/27/2017	1,000,000.00	1,010,000.00	2.152	1,028,940.00	1.938		4/1/2022	0.65
Victor Valley College General Obligation Bond 2.35	92603PER9	Moodys-Aa2	12/28/2016	500,000.00	490,150.00	2.350	505,425.00	2.811		8/1/2021	0.32
Sub Total / Average Municipal				2,000,000.00	2,000,150.00	2.194	2,039,195.00	2.199			1.29
Treasury											
T-Bill 0 6/17/2021	9127963H0	S&P-A1+	6/24/2020	2,000,000.00	1,996,519.44	0.000	1,998,420.00	0.178		6/17/2021	1.29
T-Note 1.25 7/31/2023	912828S92	Fitch-AAA	4/2/2019	1,035,000.00	990,365.62	1.250	1,067,064.30	2.302		7/31/2023	0.64
T-Note 1.375 6/30/2023	912828S35	Fitch-AAA	3/20/2019	1,385,000.00	1,325,867.00	1.375	1,431,854.55	2.431		6/30/2023	0.86
T-Note 1.375 9/30/2023	912828T26	Fitch-AAA	3/20/2019	2,000,000.00	1,909,531.25	1.375	2,072,960.00	2.436		9/30/2023	1.24
T-Note 1.5 3/31/2023	912828Q29	Fitch-AAA	3/20/2019	175,000.00	168,799.81	1.500	180,927.25	2.428		3/31/2023	0.11
T-Note 1.75 11/30/2021	912828U65	S&P-AA+	6/16/2020	550,000.00	562,396.49	1.750	560,356.50	0.199		11/30/2021	0.36
T-Note 1.75 7/15/2022	9128287C8	Fitch-AAA	7/31/2019	1,000,000.00	998,789.06	1.750	1,029,060.00	1.792		7/15/2022	0.65
T-Note 1.75 9/30/2022	912828L57	Fitch-AAA	3/20/2019	835,000.00	816,016.80	1.750	862,003.90	2.426		9/30/2022	0.53
T-Note 1.875 2/28/2022	912828W55	Fitch-AAA	4/2/2019	485,000.00	479,259.57	1.875	496,955.25	2.298		2/28/2022	0.31
T-Note 2 4/30/2024	912828X70	Fitch-AAA	6/7/2019	590,000.00	592,996.09	2.000	628,167.10	1.891		4/30/2024	0.38
T-Note 2 6/30/2024	912828XX3	Fitch-AAA	7/3/2019	470,000.00	474,846.88	2.000	501,687.40	1.783		6/30/2024	0.31
T-Note 2.125 1/31/2021	912828B58	Fitch-AAA	10/28/2019	1,625,000.00	1,633,886.72	2.125	1,635,790.00	1.683		1/31/2021	1.06

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
T-Note 2.125 12/31/2022	912828N30	Fitch-AAA	3/20/2019	1,170,000.00	1,157,340.24	2.125	1,222,287.30	2.426		12/31/2022	0.75
T-Note 2.125 2/29/2024	912828W48	Fitch-AAA	3/20/2019	2,000,000.00	1,970,625.00	2.125	2,132,580.00	2.442		2/29/2024	1.28
T-Note 2.125 3/31/2024	912828W71	S&P-AA+	3/2/2020	1,220,000.00	1,282,525.00	2.125	1,302,630.60	0.844		3/31/2024	0.83
T-Note 2.125 6/30/2022	912828XG0	Fitch-AAA	3/20/2019	710,000.00	703,454.69	2.125	734,715.10	2.418		6/30/2022	0.46
T-Note 2.25 12/31/2023	912828V23	Fitch-AAA	3/20/2019	2,000,000.00	1,982,968.75	2.250	2,134,840.00	2.439		12/31/2023	1.28
T-Note 2.75 11/30/2020	9128285Q9	Fitch-AAA	11/29/2019	120,000.00	121,275.00	2.750	120,519.60	1.677		11/30/2020	0.08
T-Note 2.75 8/15/2021	9128284W7	Fitch-AAA	10/28/2019	1,045,000.00	1,064,757.03	2.750	1,068,920.05	1.678		8/15/2021	0.69
Sub Total / Average Treasury				20,415,000.00	20,232,220.44	1.740	21,181,738.90	1.871			13.09
Total / Average				154,546,671.19	154,506,192.43	0.935	156,060,526.46	0.925			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: 08/31/2020, End Date: 09/30/2020

Description	CUSIP/Ticker	Face Amount/Shares	Principal	Interest/Dividends	Coupon Rate	YTM @ Cost	Settlement Date	Total
Buy								
Bristol-Myers Squibb Co 3.875 8/15/2025-25	110122DC9	375,000.00	428,505.00	1,816.41	3.875	0.879	9/30/2020	430,321.41
FHLMC 0.375 9/23/2025	3137EAEX3	795,000.00	792,607.05	0.00	0.375	0.436	9/25/2020	792,607.05
JP Morgan Chase & Co 0.653 9/16/2024-23	46647PBS4	110,000.00	110,000.00	0.00	0.653	0.653	9/16/2020	110,000.00
Sub Total / Average Buy		1,280,000.00	1,331,112.05	1,816.41				1,332,928.46
Deposit								
CAMP LGIP	LGIP4000	4,506.59	4,506.59	0.00	N/A	0.000	9/30/2020	4,506.59
Union Bank Cash	LGIPUNIONBANK	4,463,230.68	4,463,230.68	0.00	N/A	0.000	9/30/2020	4,463,230.68
Sub Total / Average Deposit		4,467,737.27	4,467,737.27	0.00				4,467,737.27
Interest								
American Express Credit 2.7 3/3/2022	0258M0EG0	0.00	0.00	13,500.00	2.700	0.000	9/3/2020	13,500.00
Belmont Savings Bank 2.15 3/22/2022	080515BV0	0.00	0.00	2,687.91	2.150	0.000	9/21/2020	2,687.91
BMW Bank 2.15 3/10/2022	05580AGR9	0.00	0.00	2,677.07	2.150	0.000	9/10/2020	2,677.07
CAMP LGIP	LGIP4000	0.00	0.00	4,506.59	N/A	0.000	9/30/2020	4,506.59
Carmax Auto Owner Trust 1.89 12/16/2024	14315XAC2	0.00	0.00	291.38	1.890	0.000	9/15/2020	291.38
Exxon Mobil Corporation 2.726 3/1/2023	30231GAR3	0.00	0.00	13,425.55	2.726	0.000	9/1/2020	13,425.55
Honda Auto Receivables 2020-1 1.61 4/22/2024-23	43813RAC1	0.00	0.00	409.21	1.610	0.000	9/21/2020	409.21
Ponce De Leon Federal Bank 1.85 5/28/2021	732333AJ8	0.00	0.00	378.62	1.850	0.000	9/30/2020	378.62
T-Note 1.375 9/30/2023	912828T26	0.00	0.00	13,750.00	1.375	0.000	9/30/2020	13,750.00
T-Note 1.5 3/31/2023	912828Q29	0.00	0.00	1,312.50	1.500	0.000	9/30/2020	1,312.50
T-Note 1.75 9/30/2022	912828L57	0.00	0.00	7,306.25	1.750	0.000	9/30/2020	7,306.25
T-Note 2.125 3/31/2024	912828W71	0.00	0.00	12,962.50	2.125	0.000	9/30/2020	12,962.50
Toyota Auto Receivables 2020-A A3 1.66 5/15/2024-2	89232HAC9	0.00	0.00	574.08	1.660	0.000	9/15/2020	574.08

Description	CUSIP/Ticker	Face Amount/Shares	Principal	Interest/Dividends	Coupon Rate	YTM @ Cost	Settlement Date	Total
Sub Total / Average Interest		0.00	0.00	73,781.66				73,781.66
Sell								
T-Note 1.375 6/30/2023	912828S35	110,000.00	113,708.20	320.58	1.375	0.000	9/16/2020	114,028.78
T-Note 1.875 8/31/2024	9128282U3	265,000.00	282,349.22	343.15	1.875	0.000	9/25/2020	282,692.37
T-Note 2 4/30/2024	912828X70	370,000.00	394,223.44	3,076.63	2.000	0.000	9/30/2020	397,300.07
T-Note 2 6/30/2024	912828XX3	30,000.00	32,032.03	141.85	2.000	0.000	9/25/2020	32,173.88
T-Note 2.125 7/31/2024	9128282N9	445,000.00	477,905.66	1,438.99	2.125	0.000	9/25/2020	479,344.65
Sub Total / Average Sell		1,220,000.00	1,300,218.55	5,321.20				1,305,539.75
Withdraw								
CAMP LGIP	LGIP4000	3,000,000.00	3,000,000.00	0.00	N/A	0.000	9/11/2020	3,000,000.00
Union Bank Cash	LGIPUNIONBANK	8,995,221.98	8,995,221.98	0.00	N/A	0.000	9/29/2020	8,995,221.98
Sub Total / Average Withdraw		11,995,221.98	11,995,221.98	0.00				11,995,221.98

**Union Sanitary District's Internal Retiree Medical Fund
Quarterly Report**

For Period Ended 09/30/20

Fund Balance 06/30/20:	(\$17,371.39)
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Revenues:

Expenses:

Quarterly Net Medical Reimbursements	(123,066.69)
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Transfers Out:

9/17/20	CalPERS OPEB Trust Actuarially Determined Contrib. (ADC) (payment 1 of 4)	(177,088.50)
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Ending Fund Balance 09/30/20:	(\$317,526.58)
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Market Value Summary:

	QTD Current Period	Fiscal Year to Date
Beginning Balance	\$8,454,733.85	\$8,454,733.85
Contribution	177,088.50	177,088.50
Disbursement	0.00	0.00
Transfer In	0.00	0.00
Transfer Out	0.00	0.00
Investment Earnings	350,676.88	350,676.88
Administrative Expenses	(1,087.61)	(1,087.61)
Investment Expense	(795.19)	(795.19)
Other	0.00	0.00
Ending Balance	\$8,980,616.43	\$8,980,616.43
FY End Contrib per GASB 74 Para 22	0.00	0.00
FY End Disbursement Accrual	0.00	0.00
Grand Total	\$8,980,616.43	\$8,980,616.43

Unit Value Summary:

	QTD Current Period	Fiscal Year to Date
Beginning Units	466,721.853	466,721.853
Unit Purchases from Contributions	9,300.923	9,300.923
Unit Sales for Withdrawals	0.000	0.000
Unit Transfer In	0.000	0.000
Unit Transfer Out	0.000	0.000
Ending Units	476,022.776	476,022.776
Period Beginning Unit Value	18.115145	18.115145
Period Ending Unit Value	18.865939	18.865939

Please note the Grand Total is your actual fund account balance at the end of the period, including all contributions per GASB 74 paragraph 22 and accrued disbursements. Please review your statement promptly. All information contained in your statement will be considered true and accurate unless you contact us within 30 days of receipt of this statement. If you have questions about the validity of this information, please contact CERBT4U@calpers.ca.gov.

Statement of Transaction Detail for the Quarter Ending 09/30/2020

Union Sanitary District

Entity #: SKB7-6011550262



Date	Description	Amount	Unit Value	Units	Check/Wire	Notes
09/17/2020	Contribution	\$177,088.50	\$19.039884	9,300.923	WIRE 2020091700200 321	

Client Contact:
CERBT4U@CalPERS.ca.gov

<p>MONTHLY OPERATIONS REPORT FOR THE MONTH SEPT 2020</p> <p>TECHNICAL SUPPORT WORK GROUP SUMMARY</p>
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Capital Improvement Program

Alvarado Influent Pump Station Improvements Project – Coating repair of Wet Well No. 2 and installation of the wet well isolation gate were completed. Coating repair of Wet Well No. 1 is next.

Alvarado Influent Valve Box Rehabilitation Project – Negotiations with the Contractor to terminate the contract is in progress.

Headworks Screens Replacement Project – Installation and operational testing of the new Mechanical Screen No. 2 was successfully completed. Mechanical Screen Nos. 1 and 3 have already been successfully completed.

Primary Digester No. 2 Rehabilitation Project – Bearing replacement at the South Effluent Screen was completed. Mechanical and piping installation inside Heating and Mixing Building No. 1 was in progress. Handrail installation along the perimeter of Primary Digester No. 2 was in progress.

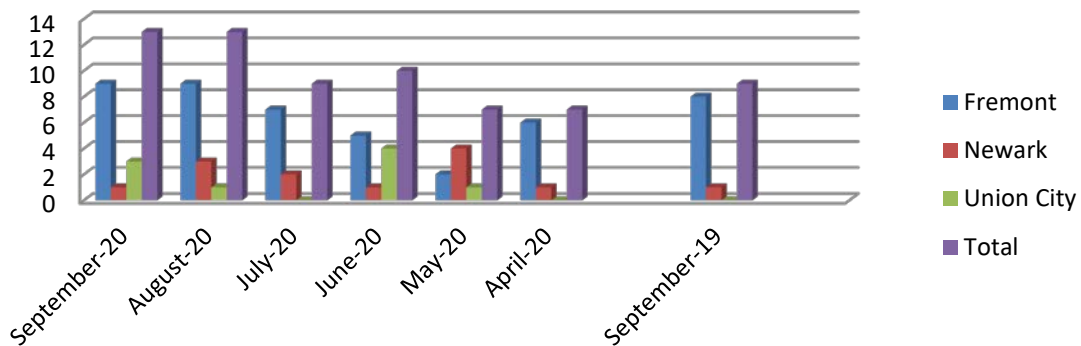
Primary Digester No. 7 Project – Concrete placements for Digester 7 base slabs have been completed. Rebar and formwork installation for the walls is ongoing with concrete placements to begin in mid-October.

Aeration Blower No. 11 Project – Construction contract was awarded on September 28th.

Customer Service

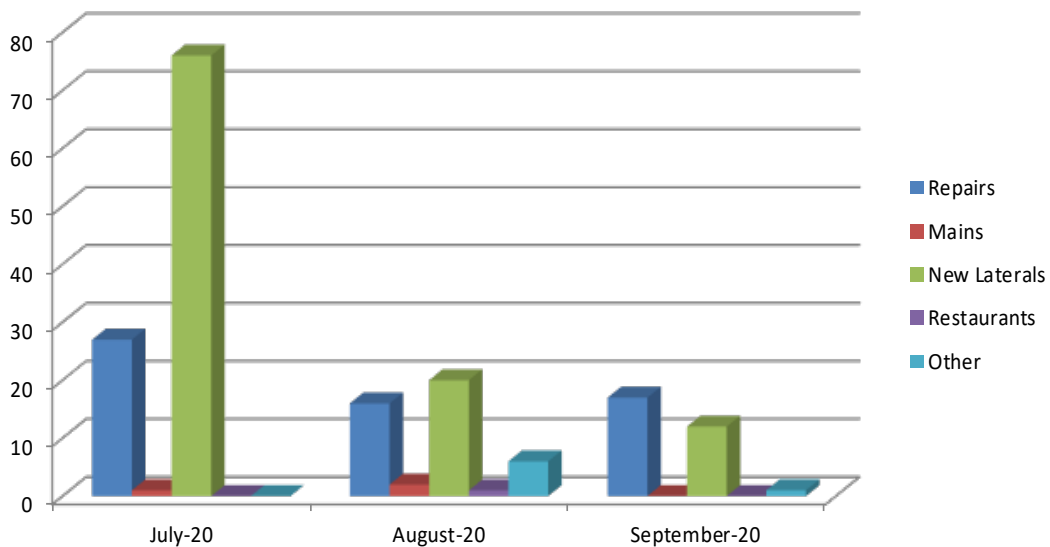
Trouble Calls dispatched from the Front Desk during business hours:

Month	Fremont	Newark	Union City	Total
September-20	9	1	3	13
August-20	9	3	1	13
July-20	7	2	0	9
June-20	5	1	4	10
May-20	2	4	1	7
April-20	6	1	0	7
September-19	8	1	0	9
6-Month Total				59



Sewer Permits Issued

Month	Repairs	Mains	New Laterals	Restaurants	Other
September-20	17	0	12	0	1
August-20	16	2	20	1	6
July-20	27	1	76	0	0
New Laterals - New residential lateral connections					
Other - Non-residential construction (except restaurants)					



Communication

- Responded to customer questions regarding Fall 2020 newsletter
- Social Media posts:
 - Labor Day office closure
 - Coastal Cleanup Day
 - Instrument Technician recruitment
 - Pollution Prevention Week
- Website updates:
 - Sewer Service Charges page
 - How Sewer Service Charges Are Calculated page
 - Sample Sewer Service Charge Calculations page
 - Forms and Ordinances page
- COVID response: Participated in Tri-City PIO and Regional PIO check-in conference calls to share updates

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 91 Stormwater (Urban Runoff), and 39 FOG (restaurant) inspections. During this reporting period, Inspectors identified 18 Stormwater and 4 FOG enforcement actions. Four (4) of the Stormwater enforcements resulted in administrative fines between \$100 for each violation. Three (3) of the administrative fines were for illicit discharges.

Urban Runoff Inspections and Enforcements

September 2020	No. of UR Inspections	VW	WL	NOV	AF	LA	NOD	Total Enforcements	No. of Illicit Discharge/s	3
	91	6	0	8	4	0	0	18		
									% Enforcement	20%

FOG Inspections and Enforcements

September 2020	No. of FOG Inspections	VW	WL	NOV	AF	LA	NOD	Total Enforcements	% Enforcement	10%
	39	2	0	0	0	0	2	4		

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 (On Hold)	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

New Industrial/Groundwater Permits	Groundwater/Temporary
N7K Neuralink	McGuire & Hester, USD Forcemain Relocation Phase 2 (Groundwater-Pending)
Rigetti Computing	
Facebook Commissary	
Estuary LLC	
Sonova	
Membrane Technology Research	

Permits Issued

Company Name	Date Permit Issued
Gordon N. Ball, Inc. (ACPWA Ardenwood Creek Crossing Improvements)(Groundwater)	9/3/2020

Industrial Permit Closures

Company Name	Date of Closure
None	

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

Report Name	Date Report Completed and Submitted
None	

Enforcement Action

IU Name & Nature of Business	Comments	City	Parameter Violated	Discharge concentration (mg/L)	USD/Fed Limit Violated(mg/L)	Enforcement
Clean Sciences Inc./Semiconductor Cleaning	Issued 9/14/2020	Fremont	Fluoride	230 mg/L	Title 22 STLC limit of 180 mg/L	NOV (N20-006)
Kerry Ingredients/Chocolate Manufacturing	Issued 9/14/2020	UC	Oil & Grease	550 mg/L	300 mg/L	NOV (N20-007)

(1) WL – Warning Letter

C&D – Cease and Desist Order

NOV – Notices of Violation

SNC – Significant Non-Compliance

AO – Administrative Order

EM – Enforcement Meeting

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

Activity	Date of Event	Attendees
None		

Engineering/Construction

No. of projects under construction: 6

	Construction Projects	Capital (\$1000)	Scheduled Completion	Completed Scope	Completed Time	Comments for September 2020 Activities
1.	Alvarado Influent Pump Station Improvements Project – Thomas	\$8,890	10/21	16%	46%	Coating repair of Wet Well No. 2 and installation of the isolation gate was completed.
2.	Alvarado Influent Valve Box Rehabilitation Project – Kevin	\$402	09/20	10%	100%	Negotiations with the Contractor to terminate the Contract is in progress.
3.	Headworks Screens Replacement Project – Thomas	\$1,822	11/20	85%	91%	Installation and operational testing of the new Mechanical Screen No. 2 was successfully completed.
4.	Primary Digester No. 2 Rehabilitation Project – Derek	\$3,058	10/20	85%	100%	Replacement of bearings at the South Effluent Screen was completed. Mechanical and piping installation in Heating and Mixing Building No. 1 in progress.
5.	Primary Digester No. 7 Project – Curtis	\$23,428	12/21	37%	39%	Concrete placements for Digester 7 base slabs have been completed.
6.	Aeration Blower No. 11 Project - Derek	\$1,652	10/21	0%	0%	Construction contract was awarded on September 28 th .

Design/Study

No. of projects in design/study phase: 15

	Design/Study Projects	Capital (\$1000)	Scheduled Completion	Completed Scope	Completed Time	Comments for September 2020 Activities
1.	Cathodic Protection System Improvements Project - Thomas	\$87	07/20	100%	100%	Bid opening was on September 23 rd . Bid evaluation in progress.
2.	Centrifuge Building Improvements Project – Somporn	\$574	08/20	100%	100%	Project construction advertised on September 22 nd . Bid opening scheduled for October 20 th .
3.	Emergency Outfall Improvements Project – Andrew	\$398	08/20	98%	100%	Easement and property acquisition in progress. Final drawings completed.
4.	Force Main Condition Assessment – Andrew	\$121	10/22	60%	65%	Pipe testing planned to take place during Force Main Relocation Phase 2.
5.	Force Main Corrosion Repairs Project Phase 3 – Andrew	\$60	12/22	75%	89%	Project construction is pending the completion of Force Main relocation project.
6.	FY21 Cast Iron/Pipe Lining Project – Andrew	In House	9/20	100%	100%	Project construction advertised on September 22 nd . Bid opening scheduled for October 22 nd .
7.	Gravity Sewer Rehabilitation / Replacement Project – Phase VII – Andrew	\$176	1/21	92%	89%	100% design submittal received. Construction is scheduled for 2021.
8.	Irvington Basin Masterplan Update - Andrew	\$378	11/21	15%	31%	Consultant began network validation of the model and development of preliminary list of pollutant loading points.
9.	Irvington Basin Reinforced Concrete Pipe Rehabilitation Project - Andrew	\$105	1/21	20%	29%	Consultant completed trunk manhole inspections on September 9 th .
10.	Odor Control Alternatives Study – Kevin	\$465	12/20	99%	100%	Report will be finalized after the pilot testing project is completed.
11.	Odor Control Pilot Study - Somporn	\$99	12/21	55%	65%	Air sampling for lab analysis collected on September 10 th . Next sampling event scheduled for October 5 th .
12.	Pump Stations Chemical System Improvements Project - Thomas	\$100	11/20	30%	52%	Pre-design in progress.

	Design/Study Projects	Capital (\$1000)	Scheduled Completion	Completed Scope	Completed Time	Comments for September 2020 Activities
13.	Standby Power Generation System Upgrade Project – Kevin	\$2,281	01/21	80%	80%	Board rejected all bids at the September 14 th meeting. Negotiations with Cummins on a supply agreement in progress.
14.	WAS Thickener Replacement Project – Derek	\$807	06/21	10%	15%	50% design submittal in progress.
15.	Wet Weather Flow Management – Calcium Thiosulfate Chemical Feed System – Kevin/Blake	\$70	09/20	100%	95%	Project construction advertised on September 22 nd . Bid opening scheduled for October 21 st .

COLLECTION SERVICES ACTIVITIES REPORT SEPTEMBER 2020

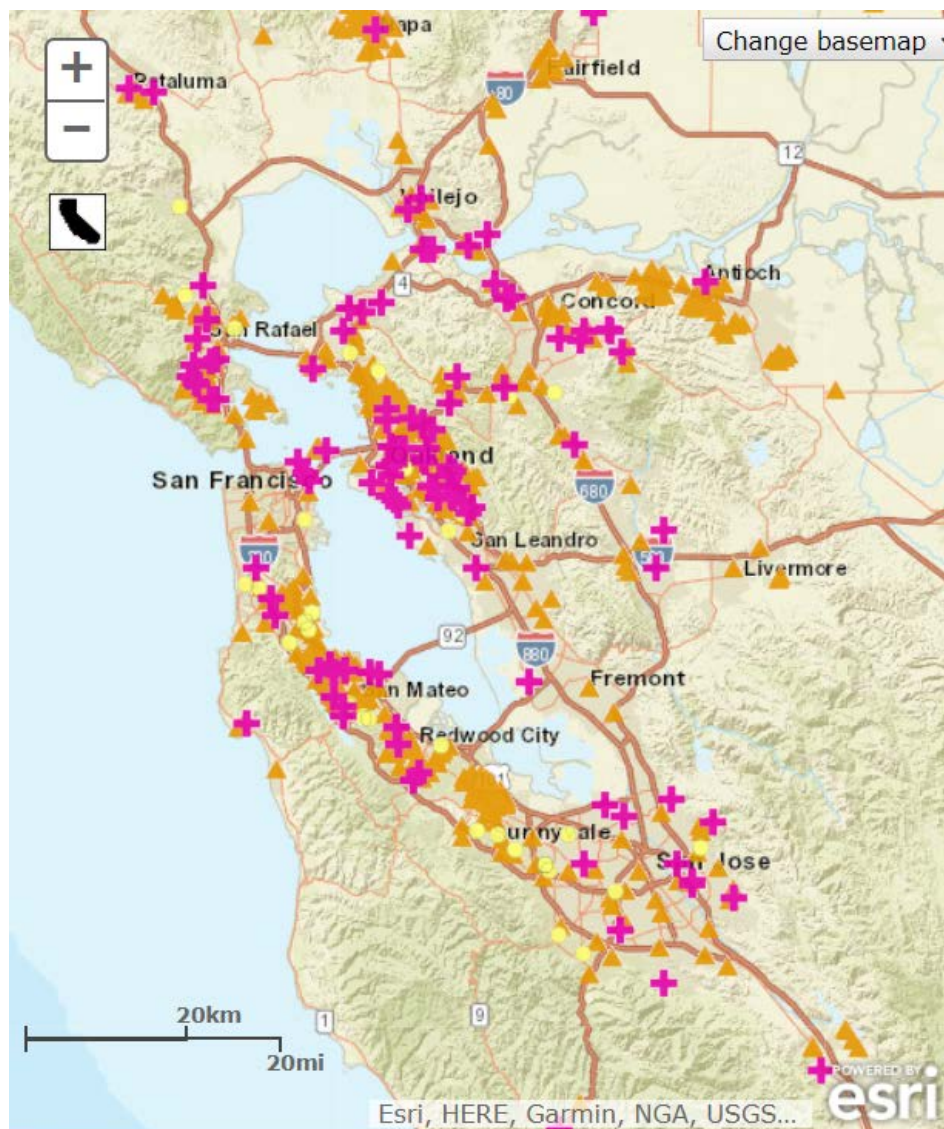
Progress/Accomplishments

- One stoppage in September.
- Completed 21.9 miles of sewer main cleaning in September.
- Completed 10.07 miles of sewer main inspection in September.
- Responded to 20 service request calls in September.
- Completed a total of 17 sewer main repairs in September.

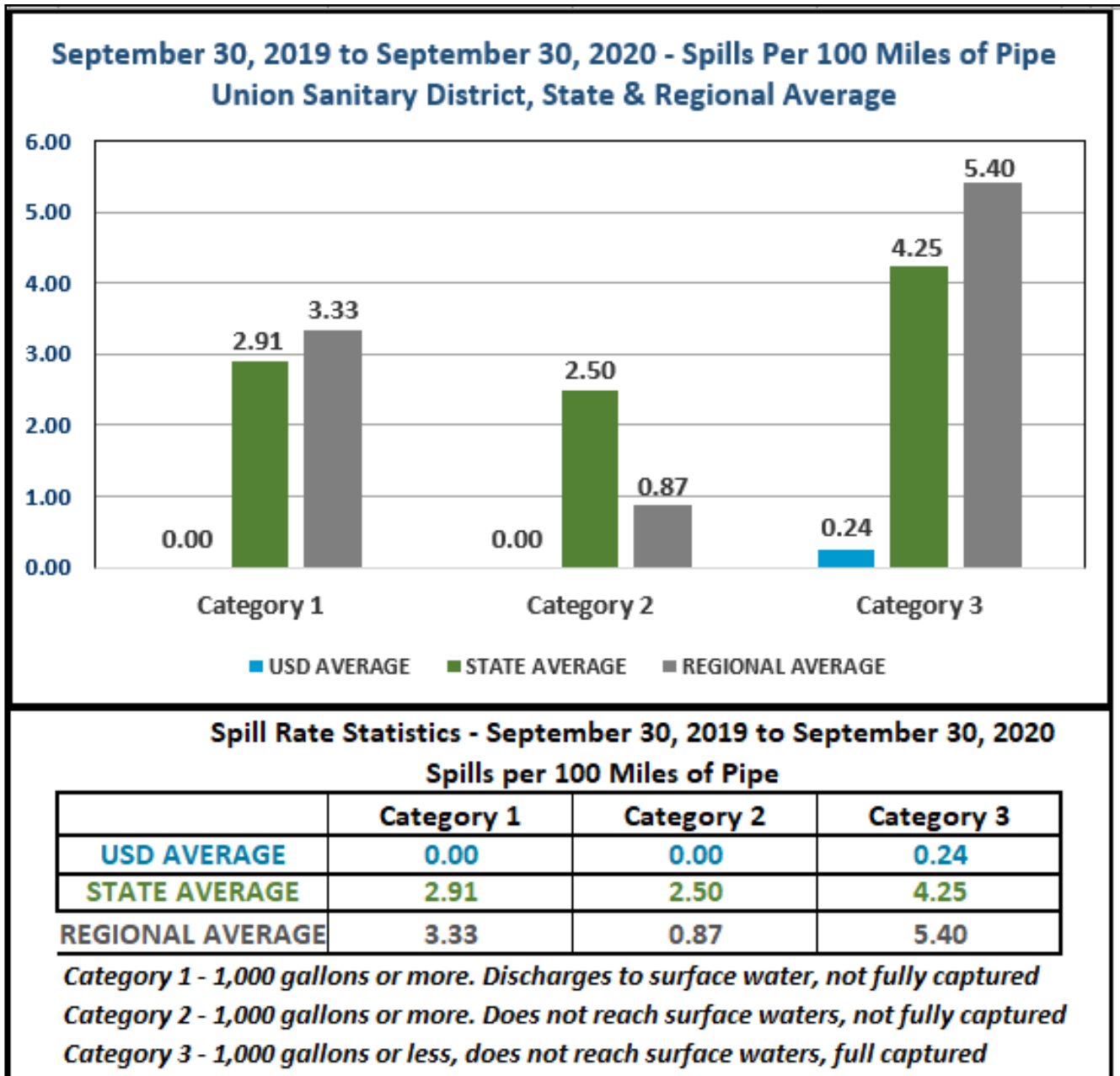
Trainings/Significant Events

- CMMS Orientation (new employee)
- Two CS Workers promoted to CS Lead to fill vacancies created by promotions
- Robert Culbertson retired after 28 years of service to the District

Reported Bay Area Spills September 30, 2019 to September 30, 2020

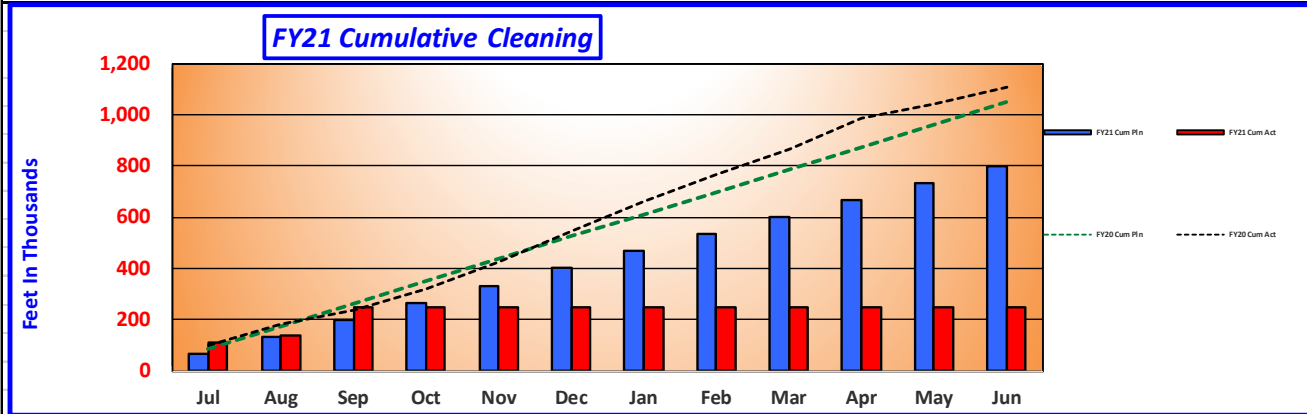


September 30, 2019 to September 30, 2020 Spills Per 100 Miles of Pipe Union Sanitary District, State & Regional Average



Performance Measures

FY21 PLAN

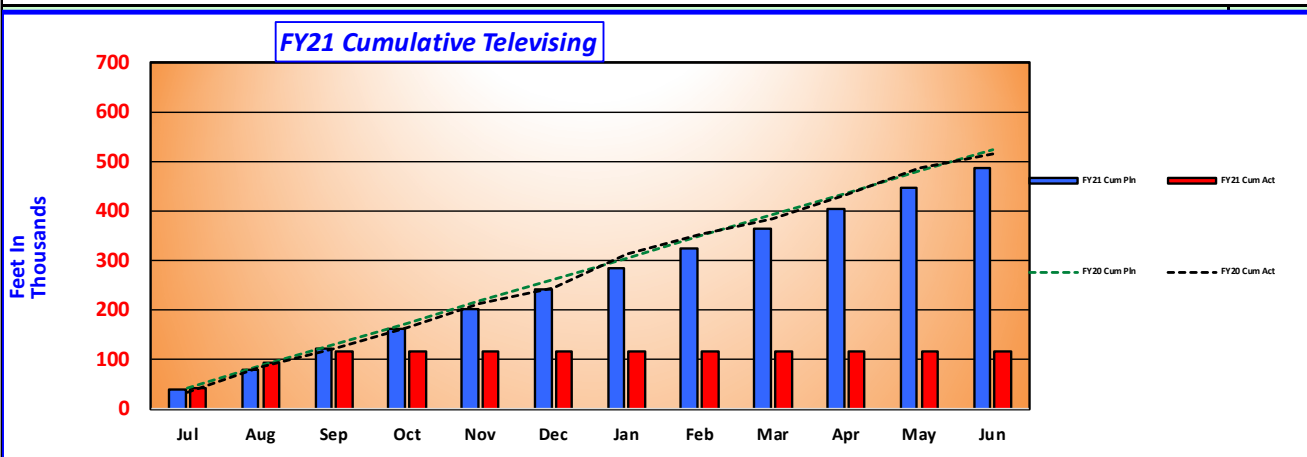


Cleaning Actual Footages/Costs

September-20 Clean Cost/Ft = \$0.98

Description	Jun-20 Footage	Jul-20 Footage	Aug-20 Footage	Sept-20 Footage	FY21 Q1 Footage	FY21 YTD Footage	FY20 Footage	FY21 YE Goal	% Cmpl to Plan
84 Month Hydro-jet Clean	0	79,422	23,368	43,420	146,210	146,210	601,992	516,751	28.3%
Selective Line Cleaning	32,126	5,921	6,144	28,377	40,442	40,442	193,383	125,737	32.2%
Special Condition Clean (FTG NIC)	5,386	2,374	477	1,603	4,454	4,454	14,274	23,315	19.1%
Root Control/Chemical Cln	24,697	25,483	1,356	38,178	65,017	65,017	294,525	154,795	42.0%
Cast Iron Project	3,014	0	0	0	0	0	3,014	3,839	0.0%
Other Special Projects (FTG NIC)	0	0	0	0	0	0	0	0	0.0%
Spills/Stoppages (FTG NIC)	0	525	0	823	1,348	1,348	0	0	0.0%
Totals	59,837	110,826	30,868	109,975	251,669	251,669	1,107,188	801,122	31.4%

FY21 PLAN



Televising Actual Footages/Costs

September-20 TV Cost/Ft = \$3.15

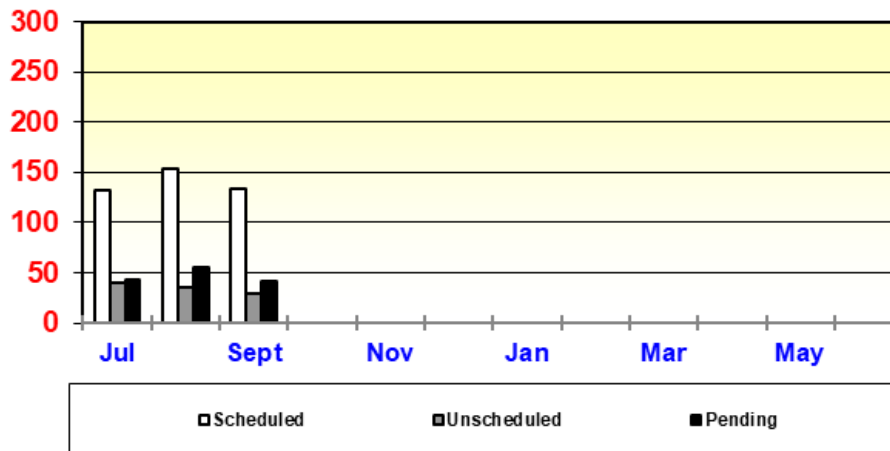
Description	Jun-20 Footage	Jul-20 Footage	Aug-20 Footage	Sept-20 Footage	FY21 Q1 Footage	FY21 YTD Footage	FY20 Footage	FY21 YE Goal	% Cmpl to Plan
84 Month TV Inspection	29,508	42,944	41,030	11,156	95,130	95,130	437,518	444,728	21.4%
Visual/Condition, Pre/Post Cnst TV (NIC in total)	0	398	0	438	836	836	11,988	20,320	4.1%
Visual Manhole Inspection Count	0	12	9	66	87	87			
New Development, CIP, Misc. (NIC in total)	362	1,725	1,457	1,918	5,100	5,100	25,504	36,120	14.1%
QA/QC Line Condition	0	0	0	0	0	0	27,829	18,861	0.0%
QA/QC Root Control	0	0	10,697	10,100	20,797	20,797	13,830	23,219	89.6%
Totals	29,508	42,944	51,727	21,256	115,927	115,927	516,669	486,808	23.8%

Other Collection Services Status Data:

Support Team Work Order Status:

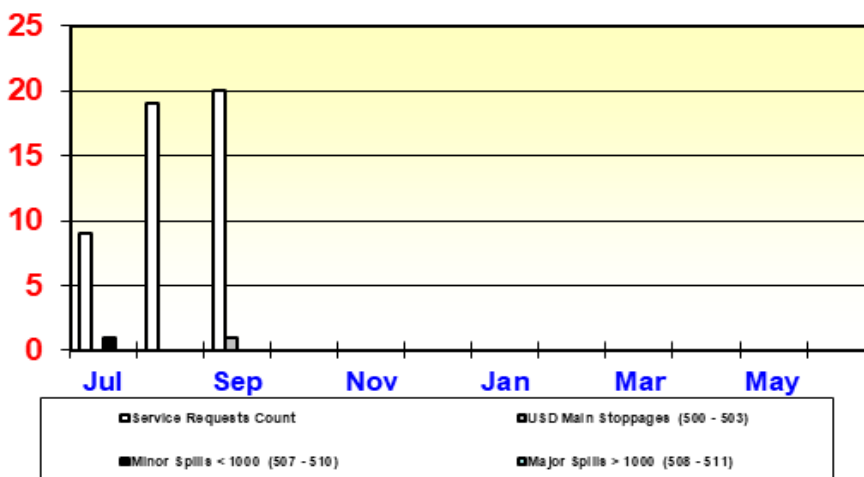
C/S

FY21 WORK ORDERS COMPLETED



Maintenance Status:

FY21 STOPPAGES AND OVERFLOWS



Fabrication, Maintenance and Construction Activities Report September 2020

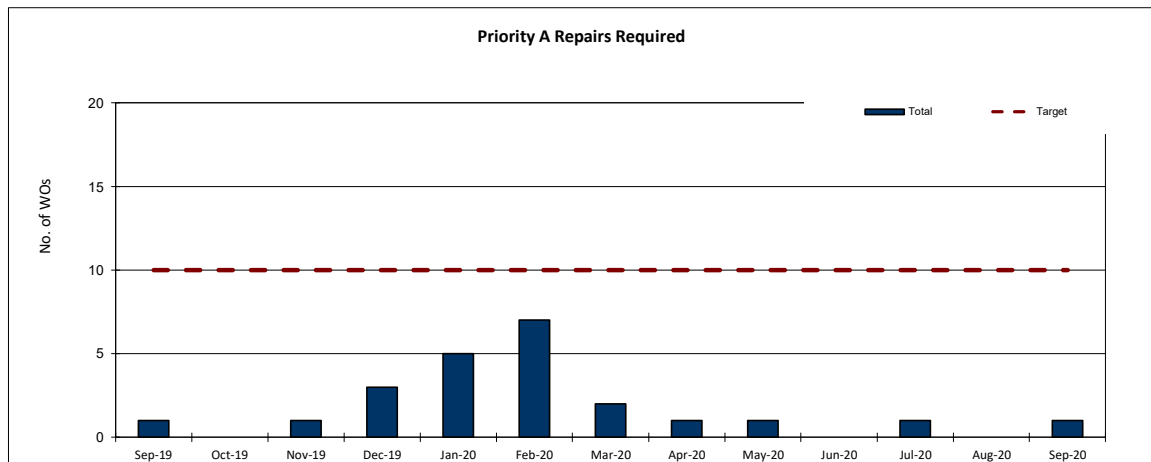
Progress/Accomplishments

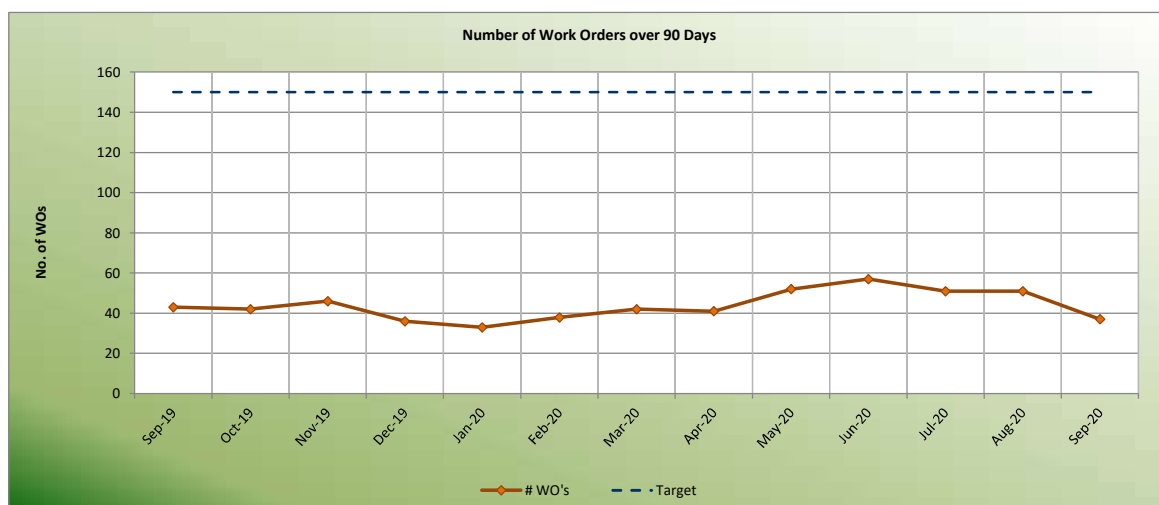
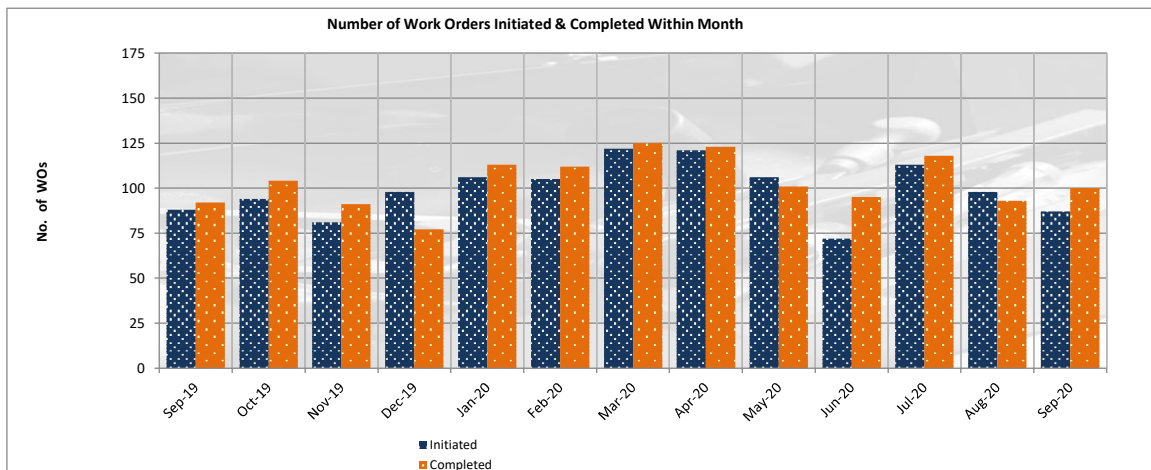
- Completed 98.28% of preventive maintenance activities for the month of September
- Completed 100 corrective maintenance work orders for the month of September
- Installation of diaphragm ARV on Building 66
- Installation of new poly skid at GBT
- OCB Tank 3 coating
- Cogen 2 Intercooler replacement
- Plant shutdown for Emergency Outfall temp power, Secondary Effluent piping repair, Blower 7 IQ 1000 II relay replacement
- Cogens 1 & 2 generator troubleshooting and uncoupling

Future Planning

- IPS Bypass Project piping
- Centrifuge 1 3K service
- Thickener Scum Valve replacement
- EBDA Pump 6 check valve packing replacement
- Installation of flow meter for washer compactor

Performance Measurements





**Treatment & Disposal
Activities Report
September 2020**

Progress/Accomplishments

- Maintained 100% compliance with NPDES permits
- Completed 96% preventive maintenance activities for the month of September
- Completed functional and operational testing of Headworks Bar Screen 2
- Successfully executed a Plant Hydraulic and Electric Shutdown
- Successfully completed Digester 6 and Secondary Digester Gas bypass for Digester 7 gas piping tie-ins
- Executed an agreement with Utility Cost Management to change plant electrical tariff for October and November to reduce electrical costs
- Procured interim contract Laboratory services to support the Environmental Compliance program
- Attended the ETSU 30% Design Workshop and debrief meetings
- Reviewed the ETSU 30% Design Report and drawings and provided comments
- Continued initial training of the new Plant Operator III Trainee
- Attended the ETSU Virtual Campus Layout meetings
- Attended the SCADA Steering Committee meeting
- Submitted the BAAQMD information update for Newark Pump Station
- Provided plant information for the NAWCA financial survey and CSRMA insurance update
- Attended the Hazen Biowin and Hydraulic Modeling workshops
- Attended the quarterly BACWA Air Committee meeting
- Attended a workshop for proposed amendments to air toxic "hot spots", EICG regulation and the CTR regulation

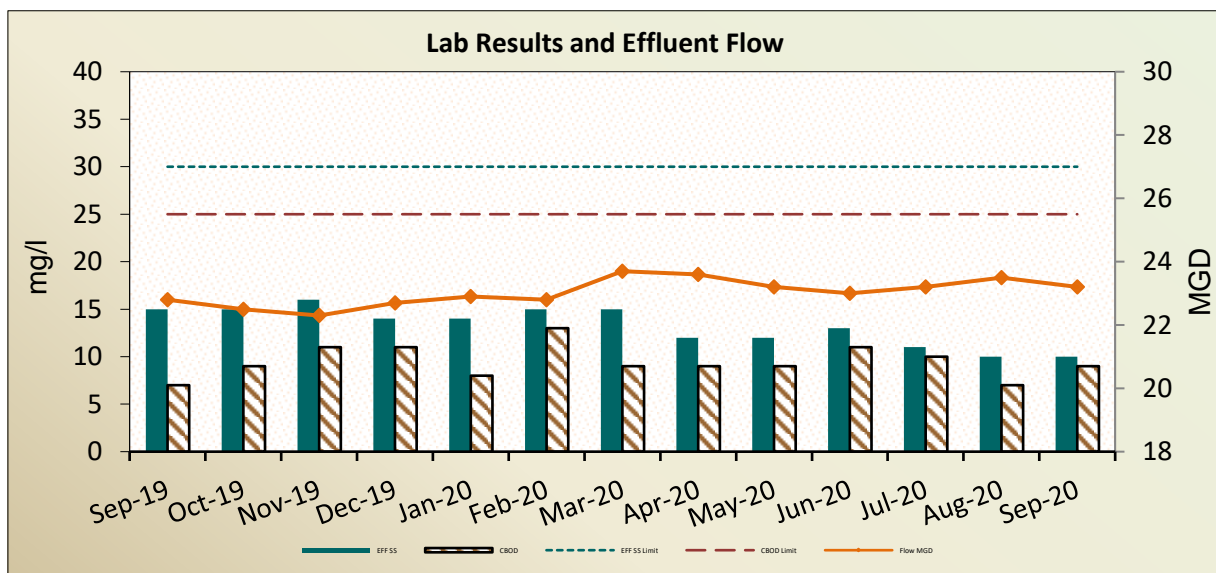
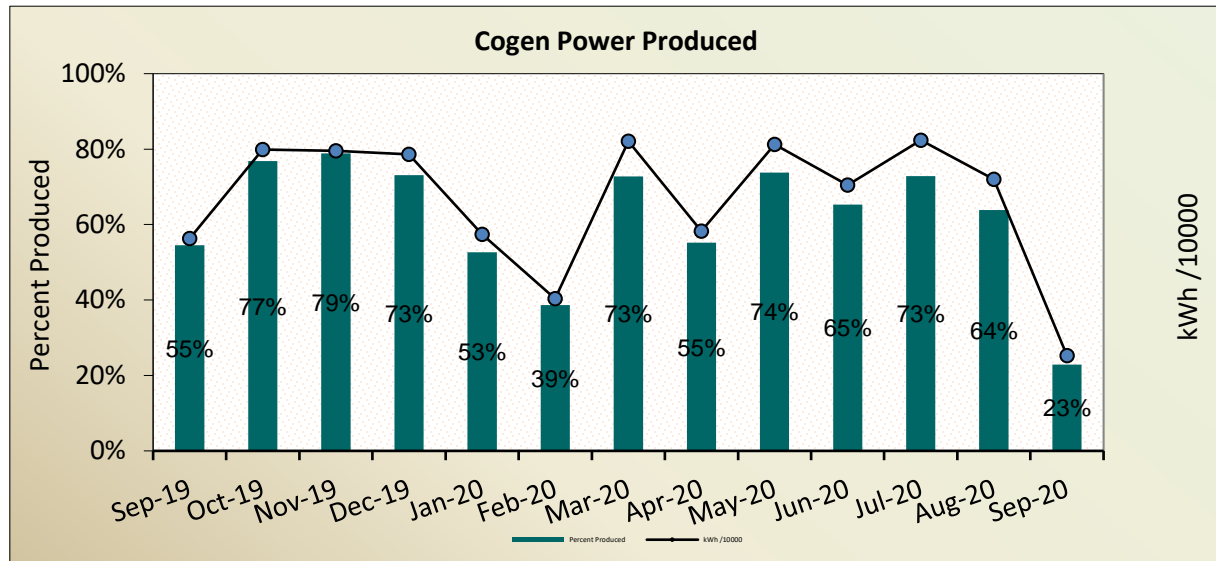
Future Planning

- Complete functional and operational testing of Headworks Trash Compactors
- Complete functional and operational testing of Primary Digester 2 and ancillary equipment
- Complete initial training of the new Plant Operator III Trainee
- Attend the ETSU Campus Layout Virtual Open House and provide feedback
- Perform field testing and lab analysis to determine polymer usage efficiency in support of upcoming WAS Thickener Replacement Project
- Attend the Regional Waterboard meeting for the renewal of the Old Alameda Creek NPDES
- Work with FAST to prepare an RFP for Laboratory services to support the Environmental Compliance program
- Complete the implementation of LIMS CIWQS reporting and address punchlist items
- Attend the BACWA Permits Committee meeting

Other

- Cogen system produced 23% of power consumed for the month of September

Performance Measurements



USD's Final Effluent Monthly Monitoring Results				
Parameter	EBDA Limit	Jul-20	Aug-20	Sep-20
Copper, µg/l	78	5.2	6.2	5.7
Mercury, µg/l	0.066	0.0016	0.0016	0.0019
Cyanide, µg/l	42	E 0.95	E 1.8	E 1.4
Ammonia- N, mg/L (Range)	130	40 - 46.9	38 - 43	39.5 - 43
Fecal Coliform, MPN/100ml (Range)				
• 5-Day Geometric Mean	500	37 - 59	28 - 44	37 - 46
• 11-Sample 90th Percentile	1100	75 - 96	75 - 96	59 - 75
Enterococci				
• Monthly Geometric Mean	240	13.2	10.0	10.0
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

**OCTOBER 26, 2020
BOARD OF DIRECTORS MEETING
AGENDA ITEM # 8**

TITLE: Consider and Approve Nine Resolutions for the Applications for Clean Water State Revolving Fund Financial Assistance for the Enhanced Treatment and Site Upgrade Phase 1A, Phase 1B, and Phase 1C Projects *(This is a Motion Item)*

SUBMITTED: Paul R. Eldredge, General Manager/District Engineer
Ric Pipkin, Enhanced Treatment and Site Upgrade Program Manager
Curtis Bosick, Enhanced Treatment and Site Upgrade Assistant PM
ETSU Steering Committee (Armando Lopez, Sami Ghossain, Robert Simonich)

Recommendation

Staff recommends the Board consider all the following resolutions:

- (1) Resolution to authorize the application for the Clean Water State Revolving Fund financial assistance for the Enhanced Treatment and Site Upgrade Phase 1A Project and designate the General Manager or his designee as the District's representative to execute the financial assistance application for a financing agreement,
- (2) Resolution to authorize the application for the Clean Water State Revolving Fund financial assistance for the Enhanced Treatment and Site Upgrade Phase 1B Project and designate the General Manager or his designee as the District's representative to execute the financial assistance application for a financing agreement,
- (3) Resolution to authorize the application for the Clean Water State Revolving Fund financial assistance for the Enhanced Treatment and Site Upgrade Phase 1C Project and designate the General Manager or his designee as the District's representative to execute the financial assistance application for a financing agreement,
- (4) Resolution to dedicate and pledge the Wastewater Enterprise Fund and Net Revenues thereof for the repayment of any and all Clean Water State Revolving Fund financial assistance on the Enhanced Treatment and Site Upgrade Phase 1A Project,

- (5) Resolution to dedicate and pledge the Wastewater Enterprise Fund and Net Revenues thereof for the repayment of any and all Clean Water State Revolving Fund financial assistance on the Enhanced Treatment and Site Upgrade Phase 1B Project,
- (6) Resolution to dedicate and pledge the Wastewater Enterprise Fund and Net Revenues thereof for the repayment of any and all Clean Water State Revolving Fund financial assistance on the Enhanced Treatment and Site Upgrade Phase 1C Project,
- (7) Resolution to reimburse expenditures paid prior to the approval of the Enhanced Treatment and Site Upgrade Phase 1A Project Clean Water State Revolving Fund financial assistance by the State Water Resources Control Board,
- (8) Resolution to reimburse expenditures paid prior to the approval of the Enhanced Treatment and Site Upgrade Phase 1B Project Clean Water State Revolving Fund financial assistance by the State Water Resources Control Board, and
- (9) Resolution to reimburse expenditures paid prior to the approval of the Enhanced Treatment and Site Upgrade Phase 1C Project Clean Water State Revolving Fund financial assistance by the State Water Resources Control Board.

Discussion

At the recommendation of the State Water Resources Control Board (SWRCB) staff, USD staff are preparing three separate application packages to the SWRCB for financial assistance of up to \$335 Million for the design and construction of the Enhanced Treatment and Site Upgrade (ETSU) Phase 1A, Phase 1B, and Phase 1C Projects. The SWRCB requires Union Sanitary District's (District) governing body to adopt an "Authorizing Resolution" to authorize and direct a representative to sign and file the financial assistance application and execute the documents on behalf of the District for each project. The three attached "Authorizing Resolution" documents meet this requirement and recommends that the General Manager, or his designee, be designated to execute the financial assistance application documents. This designation is consistent with previous designations for past CIP projects when Clean Water State Revolving Fund (CWSRF) financial assistance was pursued.

The SWRCB also requires the District's governing body to adopt a "Pledged Revenues and Fund(s) Resolution" to dedicate and pledge the Wastewater Enterprise Fund and Net Revenues thereof for the repayment of CWSRF financial assistance. The District has established the SRF Contingency Reserve fund for repayment of CWSRF financial assistance. The fund shall remain in effect throughout the term of such financing unless modification or change of such dedication is approved in writing by the SWRCB. The three attached "Pledged Revenues and Fund(s) Resolution" documents meet this requirement.

Furthermore, the SWRCB requires the District's governing body to adopt a "Reimbursement Resolution" that would allow the District to incur expenditures on the ETSU Phase 1A, Phase 1B,

and Phase 1C Projects before the approval of the CWSRF financial assistance applications. Staff is requesting authorization to file the financial assistance applications for up to \$335 Million. The final amount of financial assistance the District requests from the SWRCB will be contingent upon the construction contract amounts awarded by the Board. The three attached “Reimbursement Resolution” documents meet this requirement and states the District’s intention to get reimbursed by the SWRCB for expenditures incurred on the projects before the approval of the CWSRF financial assistance applications.

Background

The Enhanced Treatment & Site Upgrade (ETSU) Program is the culmination of the District’s planning efforts and is based on the outcomes and findings of the Plant Solids System/ Capacity Assessment – Phases 1 and 2, Administration/Control/FMC Buildings Evaluation, the Effluent Management Study and the Secondary Treatment Process Improvements evaluation. The program includes projects recommended for implementation that will be phased to address both immediate drivers (poor sludge settleability, treatment capacity, effluent disposal and aging infrastructure), while preparing for future requirements such as nutrient regulations for discharge in the Bay that are currently being considered by the Regional Water Quality Control Board.

The Phase 1 and 2 projects included in this program were presented to the Board during the workshop held on May 8, 2019 and are summarized in the Final Report which was approved by the Board on August 26, 2019. A third phase of projects was briefly outlined that covered the timeframe from 2040 to 2058 and included potentially stricter nutrient limits in the more distant future. The projects identified in the ETSU Program to be implemented in the near-term (the next seven to ten years) are included in Phase I and are summarized in the table below.

Phase 1A	Aeration Basin Modifications	Retrofitting the existing Aeration Basins 1 through 7 with the flexibility to operate initially with an anaerobic selector during implementation phase of the ETSU Program and transitioning to a biological nutrient removal (BNR) process following completion.
Phase 1A	Campus Building (Admin, FMC, Ops)	Construction of a new combined Campus Building, including associated site and utility improvements and the demolition of existing buildings.
Phase 1B	Secondary Clarifiers	Construction of four new 155-foot diameter secondary clarifiers, mixed liquor control box, and centralized RAS pump station.

Phase 1B	Effluent Facilities	Construction of new chlorination/dechlorination contact basins and pump stations and relocation of existing effluent force main.
Phase 1C	Plant Equalization Storage	Retrofitting existing Secondary Clarifiers 1 through 4 to operate as a primary effluent/treated effluent equalization basin.

The full version of the ETSU Program report, including appendices, can be found at the following link: <https://unionsanitary.ca.gov/ETSU>.

ETSU Phase 1A Project

Staff developed a Phase 1A Project (Project) scope which includes the Aeration Basin Modifications project and the Campus Building project. These two projects are being designed together for the initial construction because they are the first two concurrent projects that must both be completed before the remainder of Phase 1 can be accomplished, specifically the new secondary clarifiers, which are necessary for nutrient reduction.

The major scope items for the Aeration Basin Modifications Project are as follows:

- Retrofit Aeration Basins 1 through 7 to initially operate with an anaerobic selector to improve settling and then transition to a Biological Nutrient Removal (BNR) process to remove nutrients at the conclusion of Phase 1B. This work includes but is not limited to the following:
 - Installation of baffling and mechanical mixing to create deoxygenation, anoxic and flexible aeration zones.
 - Addition of nitrified recycle pumps and dedicated RAS piping for each basin, repurposing of existing channels to facilitate step feed operation and surface wasting and modifications to existing aeration air distribution and diffuser piping systems.
- Replace Roof Deck for Aeration Basins 1 through 4. The existing precast prestressed concrete tee-section beams to be replaced with a new cover.
- Replace Aeration Blowers 7 through 10 and Channel Blowers 1 through 4 with new high-speed turbo blowers. This work includes the replacement/upsizing of existing 480V electrical gear and demolition of existing centrifugal blowers and 4160 kV switchgear.
- Replace Odor Scrubbers 2 through 5. This work includes the demolition of the existing odor scrubber facilities.
- Expand and/or retrofit existing electrical, mechanical, communication, and conveyance systems/equipment as required to accomplish the above scope of work.

Other than yard piping, the replacement of Aeration Blowers 7 through 10 and Channel Blowers 1 through 4, and the replacement of Odor Scrubbers 2 through 5, all Aeration Basin Modifications work is anticipated to be located within the existing aeration basin footprints.

The major scope items for the Campus Building project are as follows:

- Construct a new Campus Building that consolidates the District's existing Administration, Control/Lab and Fabrication, and Maintenance and Construction (FMC) buildings and is constructed in accordance with current seismic and safety regulations. This work includes all associated site, landscaping and utility improvements, and new parking areas and driveways.
- Potentially construct a new storm water retention pond and covered parking with solar panels in portions of the new parking lots to be constructed around the new Campus Building.
- Install electrical and communication/network improvements as required to accomplish the above scope of work.
- Demolish the existing Administration and Control/Lab Buildings.

Other than the existing building demolition work and utility improvements, all Campus Building project work is anticipated to be located on or about the current approximately 4.5-acre vacant District owned land in the north-east corner of the Alvarado WWTP site.

The intent of the design phase of the Project is to fully develop a complete set of construction bidding documents for the Aeration Basin Modifications and Campus Building projects, while also developing a 30% design for the remainder of Phase 1 of the ETSU Program. The 30% design of the remaining Phase 1 projects is necessary to ensure the proposed pumping and piping between the proposed facilities will provide the appropriate hydraulic capacity and to verify the footprint and layout of each proposed structure.

Previous Board Action

December 12, 2016, the Board authorized the General Manager to execute an agreement and Task Order No. 1 with Woodard & Curran (formerly RMC Water and Environment) in the amount of \$265,217 to study, review and assess the District's near- and long-term projects.

January 9, 2017, the Board authorized the General Manager to execute Task Order No. 2 with Carollo Engineers in the amount of \$279,698 for the Plant Solids System/Capacity Assessment – Phase 2.

March 27, 2017, the Board authorized the General Manager to execute Task Order No. 2 with Woodard & Curran in the amount of \$69,877 for the Effluent Management Study.

July 11, 2017, the Board held Workshop No. 1 on the background and analysis of the Administration and Control Buildings and cost comparison of the retrofit and new building alternatives.

January 22, 2018, the Board authorized the General Manager to execute Amendment No. 2 to Task Order No. 2 with Woodard & Curran in the amount of \$74,518 to evaluate strategies for early adoption of nutrient removal process at the Plant and at the Hayward Marsh during the Effluent Management Study.

March 19, 2018, the Board held Workshop No. 2 on the retrofit vs. new options for the Administration and Control Buildings, the options for secondary process improvements, and the need to vet the membrane bioreactor treatment technology.

May 8, 2019, the Board held Workshop No. 3 on results from the secondary process evaluation, the alternatives and phasing of the secondary treatment process improvements, the new campus building alternative, and the capital and O&M cost updates.

July 22, 2019, the Board approved the Enhanced Treatment & Site Upgrade Program Manager (Limited Duration) and Enhanced Treatment & Site Upgrade Assistant Program Manager (Limited Duration) Job Descriptions and Salary Ranges.

August 26, 2019, the Board Adopted Resolution 2864 Approving the District's Final Report for the Enhanced Treatment & Site Upgrade Program.

January 13, 2020, the Board authorized the General Manager to execute an Agreement and Task Order No. 1 with Hazen and Sawyer in the amount of \$6,752,860 for the Enhanced Treatment and Site Upgrade Phase 1A Project to provide the 30% design services for all projects in Phase 1 of the ETSU Program (excluding the Campus Building project) and final design services associated with the Aeration Basin Modifications Project.

March 9, 2020, the Board authorized the General Manager to execute Task Order No. 2 with Hazen and Sawyer in the amount of \$3,737,412 for the Enhanced Treatment and Site Upgrade Phase 1A Project to complete the design of the Campus Building Project.

July 13, 2020, the Board authorized the General Manager to execute Amendment No. 1 to Task Order No. 1 with Hazen and Sawyer in the amount of \$98,335 for the Enhanced Treatment and Site Upgrade Phase 1A Project to include the Design of Aeration Basin No. 8 in the 30% Design of the Aeration Basin Modifications Project.

PRE/RP/CB

Attachments: Authorizing Resolution/Ordinance (Phase 1A)
 Authorizing Resolution/Ordinance (Phase 1B)
 Authorizing Resolution/Ordinance (Phase 1C)
 Pledged Revenues and Fund(s) Resolution (Phase 1A)
 Pledged Revenues and Fund(s) Resolution (Phase 1B)
 Pledged Revenues and Fund(s) Resolution (Phase 1C)
 Reimbursement Resolution (Phase 1A)
 Reimbursement Resolution (Phase 1B)
 Reimbursement Resolution (Phase 1C)

RESOLUTION NO. _____

AUTHORIZING RESOLUTION/ORDINANCE

BE IT RESOLVED, by the Board of Directors of the Union Sanitary District (the "Entity"), in Alameda County, California, as follows:

The General Manager (the "Authorized Representative") or designee is hereby authorized and directed to sign and file, for and on behalf of the Entity, a Financial Assistance Application for a financing agreement from the State Water Resources Control Board for the planning, design, and construction of the Enhanced Treatment and Site Upgrade Phase 1A Project (the "Project").

The Authorized Representative, or his/her designee, is designated to provide assurances, certifications, and commitments required for the financial assistance application, including executing a financial assistance agreement from the State Water Resources Control Board and any amendments or changes thereto.

The Authorized Representative, or his/her designee, is designated to represent the Entity in carrying out the Entity's responsibilities under the financing agreement, including certifying disbursement requests on behalf of the Entity and compliance with applicable state and federal laws.

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 26th day of October 2020.

AYES:

NOES:

ABSTAIN:

ABSENT:

Attest:

TOM HANDLEY
President, Board of Directors
Union Sanitary District

ANJALI LATHI
Secretary, Board of Directors
Union Sanitary District

RESOLUTION NO. _____

AUTHORIZING RESOLUTION/ORDINANCE

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The General Manager (the "Authorized Representative") or designee is hereby authorized and directed to sign and file, for and on behalf of the Entity, a Financial Assistance Application for a financing agreement from the State Water Resources Control Board for the planning, design, and construction of the Enhanced Treatment and Site Upgrade Phase 1B Project (the "Project").

The Authorized Representative, or his/her designee, is designated to provide assurances, certifications, and commitments required for the financial assistance application, including executing a financial assistance agreement from the State Water Resources Control Board and any amendments or changes thereto.

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The General Manager (the "Authorized Representative") or designee is hereby authorized and directed to sign and file, for and on behalf of the Entity, a Financial Assistance Application for a financing agreement from the State Water Resources Control Board for the planning, design, and construction of the Enhanced Treatment and Site Upgrade Phase 1C Project (the "Project").

The Authorized Representative, or his/her designee, is designated to provide assurances, certifications, and commitments required for the financial assistance application, including executing a financial assistance agreement from the State Water Resources Control Board and any amendments or changes thereto.

The Authorized Representative, or his/her designee, is designated to represent the Entity in carrying out the Entity's responsibilities under the financing agreement, including certifying disbursement requests on behalf of the Entity and compliance with applicable state and federal laws.

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Union Sanitary District

ANJALI LATHI
Secretary, Board of Directors
Union Sanitary District

RESOLUTION NO. _____

PLEDGED REVENUES AND FUND(s) RESOLUTION

WHEREAS, the Union Sanitary District (the "Entity") has established the SRF Contingency Reserve fund for the repayment of the Clean Water State Revolving Fund financial assistance per the Entity's policy; and

WHEREAS, the Board of Directors of the Entity approved the Capital Improvement Program that identified the Enhanced Treatment and Site Upgrade Phase 1A Project.

THEREFORE, BE IT RESOLVED, the Entity hereby dedicates and pledges the Wastewater Enterprise Fund and Net Revenues thereof for the repayment of any and all Clean Water State Revolving Fund and/or Water Recycling Funding Program financing for the Enhanced Treatment and Site Upgrade Phase 1A Project (the "Project"). The Entity commits to collecting such revenues and maintaining such fund(s) throughout the term of such financing and until the Entity has satisfied its repayment obligation thereunder unless modification or change is approved in writing by the State Water Resources Control Board. So long as the financing agreement(s) are outstanding, the Entity's pledge hereunder shall constitute a lien in favor of the State Water Resources Control Board on the foregoing fund(s) and revenue(s) without any further action necessary. So long as the financing agreement(s) are outstanding, the Entity commits to maintaining the fund(s) and revenue(s) at levels sufficient to meet its obligations under the financing agreement(s).

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ABSENT:

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President, Board of Directors
Union Sanitary District

Attest:

ANJALI LATHI
Secretary, Board of Directors
Union Sanitary District

RESOLUTION NO. _____

PLEDGED REVENUES AND FUND(s) RESOLUTION

WHEREAS, the Union Sanitary District (the "Entity") has established the SRF Contingency Reserve fund for the repayment of the Clean Water State Revolving Fund financial assistance per the Entity's policy; and

WHEREAS, the Board of Directors of the Entity approved the Capital Improvement Program that identified the Enhanced Treatment and Site Upgrade Phase 1B Project.

THEREFORE, BE IT RESOLVED, the Entity hereby dedicates and pledges the Wastewater Enterprise Fund and Net Revenues thereof for the repayment of any and all Clean Water State Revolving Fund and/or Water Recycling Funding Program financing for the Enhanced Treatment and Site Upgrade Phase 1B Project (the "Project"). The Entity commits to collecting such revenues and maintaining such fund(s) throughout the term of such financing and until the Entity has satisfied its repayment obligation thereunder unless modification or change is approved in writing by the State Water Resources Control Board. So long as the financing agreement(s) are outstanding, the Entity's pledge hereunder shall constitute a lien in favor of the State Water Resources Control Board on the foregoing fund(s) and revenue(s) without any further action necessary. So long as the financing agreement(s) are outstanding, the Entity commits to maintaining the fund(s) and revenue(s) at levels sufficient to meet its obligations under the financing agreement(s).

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ABSENT:

TOM HANDLEY
President, Board of Directors
Union Sanitary District

Attest:

ANJALI LATHI
Secretary, Board of Directors
Union Sanitary District

RESOLUTION NO. _____

PLEDGED REVENUES AND FUND(s) RESOLUTION

WHEREAS, the Union Sanitary District (the "Entity") has established the SRF Contingency Reserve fund for the repayment of the Clean Water State Revolving Fund financial assistance per the Entity's policy; and

WHEREAS, the Board of Directors of the Entity approved the Capital Improvement Program that identified the Enhanced Treatment and Site Upgrade Phase 1C Project.

THEREFORE, BE IT RESOLVED, the Entity hereby dedicates and pledges the Wastewater Enterprise Fund and Net Revenues thereof for the repayment of any and all Clean Water State Revolving Fund and/or Water Recycling Funding Program financing for the Enhanced Treatment and Site Upgrade Phase 1C Project (the "Project"). The Entity commits to collecting such revenues and maintaining such fund(s) throughout the term of such financing and until the Entity has satisfied its repayment obligation thereunder unless modification or change is approved in writing by the State Water Resources Control Board. So long as the financing agreement(s) are outstanding, the Entity's pledge hereunder shall constitute a lien in favor of the State Water Resources Control Board on the foregoing fund(s) and revenue(s) without any further action necessary. So long as the financing agreement(s) are outstanding, the Entity commits to maintaining the fund(s) and revenue(s) at levels sufficient to meet its obligations under the financing agreement(s).

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 26th day of October 2020.

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NOES:

ABSTAIN:

ABSENT:

TOM HANDLEY
President, Board of Directors
Union Sanitary District

Attest:

ANJALI LATHI
Secretary, Board of Directors
Union Sanitary District

RESOLUTION NO. _____

REIMBURSEMENT RESOLUTION

WHEREAS, the Union Sanitary District (the "Agency") desires to finance the costs of constructing the Enhanced Treatment and Site Upgrade Phase 1A Project (the "Project"); and

WHEREAS, the Agency intends to finance the construction and/or reconstruction of the Project or portions of the Project with moneys ("Project Funds") provided by the State of California, acting by and through the State Water Resources Control Board (State Water Board); and

WHEREAS, the State Water Board may fund the Project Funds with proceeds from the sale of obligations the interest upon which is excluded from gross income for federal income tax purposes (the "Obligations"); and

WHEREAS, prior to either the issuance of the Obligations or the approval by the State Water Board of the Project Funds the Agency desires to incur certain capital expenditures (the "Expenditures") with respect to the Project from available moneys of the Agency; and

WHEREAS, the Agency has determined that those moneys to be advanced on and after the date hereof to pay the Expenditures are available only for a temporary period and it is necessary to reimburse the Agency for the Expenditures from the proceeds of the Obligations.

NOW, THEREFORE, THE AGENCY DOES HEREBY RESOLVE, ORDER AND DETERMINE AS FOLLOWS:

SECTION 1. The Agency hereby states its intention and reasonably expects to reimburse Expenditures paid prior to the issuance of the Obligations or the approval by the State Water Board of the Project Funds.

SECTION 2. The reasonably expected maximum principal amount of the Project Funds is \$145,000,000.00.

SECTION 3. This resolution is being adopted no later than 60 days after the date on which the Agency will expend moneys for the construction portion of the Project costs to be reimbursed with Project Funds.

SECTION 4. Each Agency expenditure will be of a type properly chargeable to a capital account under general federal income tax principles.

SECTION 5. To the best of our knowledge, this Agency is not aware of the previous adoption of official intents by the Agency that have been made as a matter of course for the purpose of reimbursing expenditures and for which tax-exempt obligations have not been issued.

SECTION 6. This resolution is adopted as official intent of the Agency in order to comply with Treasury Regulation §1.150-2 and any other regulations of the Internal Revenue Service relating to the qualification for reimbursement of Project costs.

SECTION 7. All the recitals in this Resolution are true and correct and this Agency so finds, determines and represents.

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 26th day of October 2020.

AYES:

NOES:

ABSTAIN:

ABSENT:

TOM HANDLEY
President, Board of Directors
Union Sanitary District

Attest:

ANJALI LATHI
Secretary, Board of Directors
Union Sanitary District

RESOLUTION NO. _____

REIMBURSEMENT RESOLUTION

WHEREAS, the Union Sanitary District (the "Agency") desires to finance the costs of constructing the Enhanced Treatment and Site Upgrade Phase 1B Project (the "Project"); and

WHEREAS, the Agency intends to finance the construction and/or reconstruction of the Project or portions of the Project with moneys ("Project Funds") provided by the State of California, acting by and through the State Water Resources Control Board (State Water Board); and

WHEREAS, the State Water Board may fund the Project Funds with proceeds from the sale of obligations the interest upon which is excluded from gross income for federal income tax purposes (the "Obligations"); and

WHEREAS, prior to either the issuance of the Obligations or the approval by the State Water Board of the Project Funds the Agency desires to incur certain capital expenditures (the "Expenditures") with respect to the Project from available moneys of the Agency; and

WHEREAS, the Agency has determined that those moneys to be advanced on and after the date hereof to pay the Expenditures are available only for a temporary period and it is necessary to reimburse the Agency for the Expenditures from the proceeds of the Obligations.

NOW, THEREFORE, THE AGENCY DOES HEREBY RESOLVE, ORDER AND DETERMINE AS FOLLOWS:

SECTION 1. The Agency hereby states its intention and reasonably expects to reimburse Expenditures paid prior to the issuance of the Obligations or the approval by the State Water Board of the Project Funds.

SECTION 2. The reasonably expected maximum principal amount of the Project Funds is \$156,000,000.00.

SECTION 3. This resolution is being adopted no later than 60 days after the date on which the Agency will expend moneys for the construction portion of the Project costs to be reimbursed with Project Funds.

SECTION 4. Each Agency expenditure will be of a type properly chargeable to a capital account under general federal income tax principles.

SECTION 5. To the best of our knowledge, this Agency is not aware of the previous adoption of official intents by the Agency that have been made as a matter of course for the purpose of reimbursing expenditures and for which tax-exempt obligations have not been issued.

SECTION 6. This resolution is adopted as official intent of the Agency in order to comply with Treasury Regulation §1.150-2 and any other regulations of the Internal Revenue Service relating to the qualification for reimbursement of Project costs.

SECTION 7. All the recitals in this Resolution are true and correct and this Agency so finds, determines and represents.

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 26th day of October 2020.

AYES:

NOES:

ABSTAIN:

ABSENT:

TOM HANDLEY
President, Board of Directors
Union Sanitary District

Attest:

ANJALI LATHI
Secretary, Board of Directors
Union Sanitary District

RESOLUTION NO. _____

REIMBURSEMENT RESOLUTION

WHEREAS, the Union Sanitary District (the "Agency") desires to finance the costs of constructing the Enhanced Treatment and Site Upgrade Phase 1C Project (the "Project"); and

WHEREAS, the Agency intends to finance the construction and/or reconstruction of the Project or portions of the Project with moneys ("Project Funds") provided by the State of California, acting by and through the State Water Resources Control Board (State Water Board); and

WHEREAS, the State Water Board may fund the Project Funds with proceeds from the sale of obligations the interest upon which is excluded from gross income for federal income tax purposes (the "Obligations"); and

WHEREAS, prior to either the issuance of the Obligations or the approval by the State Water Board of the Project Funds the Agency desires to incur certain capital expenditures (the "Expenditures") with respect to the Project from available moneys of the Agency; and

WHEREAS, the Agency has determined that those moneys to be advanced on and after the date hereof to pay the Expenditures are available only for a temporary period and it is necessary to reimburse the Agency for the Expenditures from the proceeds of the Obligations.

NOW, THEREFORE, THE AGENCY DOES HEREBY RESOLVE, ORDER AND DETERMINE AS FOLLOWS:

SECTION 1. The Agency hereby states its intention and reasonably expects to reimburse Expenditures paid prior to the issuance of the Obligations or the approval by the State Water Board of the Project Funds.

SECTION 2. The reasonably expected maximum principal amount of the Project Funds is \$34,000,000.00.

SECTION 3. This resolution is being adopted no later than 60 days after the date on which the Agency will expend moneys for the construction portion of the Project costs to be reimbursed with Project Funds.

SECTION 4. Each Agency expenditure will be of a type properly chargeable to a capital account under general federal income tax principles.

SECTION 5. To the best of our knowledge, this Agency is not aware of the previous adoption of official intents by the Agency that have been made as a matter of course for the purpose of reimbursing expenditures and for which tax-exempt obligations have not been issued.

SECTION 6. This resolution is adopted as official intent of the Agency in order to comply with Treasury Regulation §1.150-2 and any other regulations of the Internal Revenue Service relating to the qualification for reimbursement of Project costs.

SECTION 7. All the recitals in this Resolution are true and correct and this Agency so finds, determines and represents.

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 26th day of October 2020.

AYES:

NOES:

ABSTAIN:

ABSENT:

TOM HANDLEY
President, Board of Directors
Union Sanitary District

Attest:

ANJALI LATHI
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

**OCTOBER 26, 2020
BOARD OF DIRECTORS MEETING
AGENDA ITEM # 9**

TITLE: Consider a Resolution to Accept a Sanitary Sewer Easement for Tract 8342 – Winston, Located near Washington Boulevard and Interstate 680, 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 8342 – Winston, located near Washington Boulevard and Interstate 680, in the city of Fremont.

Discussion

None.

Background

The developer, Winston Development, LP, is constructing a residential development consisting of 14 townhomes for Tract 8342, located at 2529 Washington Boulevard, in the city of Fremont. A vicinity map is attached.

Sanitary sewer service to the residential development will be provided by new 8-inch mains in the development's roadway that discharge to an existing 8-inch sewer in Washington Boulevard. The roadway of the development does not meet the City of Fremont's street dimensions and structure setback requirements for public streets and was, therefore, designated as private. Winston Development, LP, has constructed the new 8-inch sewer mains and has granted the

District a sanitary sewer easement that provides for access and maintenance of the new sewer mains.

District staff has reviewed the legal descriptions and plat map of the easement, as well as the Grant of Easement, and recommends approval.

Previous Board Action

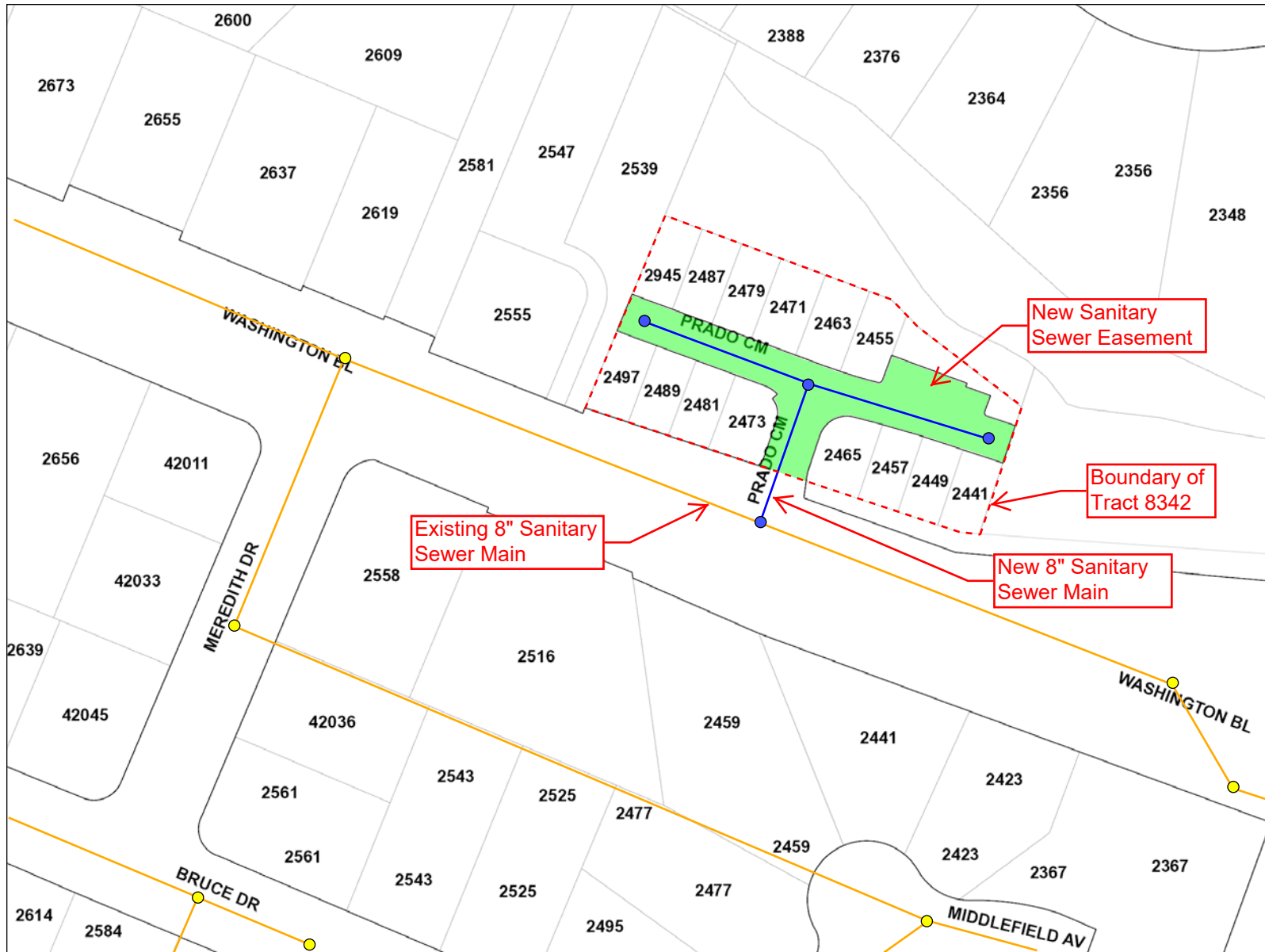
None.

PRE/SEG/RA/RS:mb

Attachments: Vicinity Map
Resolution
Recording Request with Certificate of Acceptance
Grant of Easement with Exhibits A and B



Vicinity Map: Grant of SSE, TR 8342 - Winston, Fremont



Legend

Sewer Manholes

- Drop manhole
- End Cap
- Junction structure
- Lamphole
- Lift station
- Manhole
- New Manhole
- Riser

Sewer Mains

- New Gravity Main
- EBDA outfall
- Forcemain
- Gravity main
- Overflow main
- Siphons
- Trunk Main

Railroad / BART

- Railroad
- BART

- Public Right of Way
- Private Right of Way

New Sewer Easement

Parcels

- Parcel (typical)
- ACFC&WCD

104.2 0 52.08 104.2 Feet

1:1,250

Printed: 10/14/2020 1:36 PM



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 A SANITARY SEWER EASEMENT FOR
TRACT 8342 – WINSTON, LOCATED NEAR WASHINGTON BOULEVARD
AND INTERSTATE 680, 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 WINSTON DEVELOPMENT, LP, executed on April 29, 2019, as described in the Grant of Easement for Sanitary Sewer Purposes and by the legal description and plat map, attached as Exhibit A and Exhibit 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 October 26, 2020:

AYES:

NOES:

ABSENT:

ABSTAIN:

TOM HANDLEY
President, Board of Directors
Union Sanitary District

Attest:

ANJALI LATHI
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

WINSTON DEVELOPMENT, LP

AND

UNION SANITARY DISTRICT

Effective Date: October 26, 2020

CERTIFICATE OF ACCEPTANCE

(Grant of Easement)

This is to certify that the interest in real property conveyed by the Grant of Easement for Sanitary Sewer Purposes, dated April 29, 2019, from WINSTON DEVELOPMENT, LP, 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 October 26, 2020, and the District consents to recordation thereof by its duly authorized officer.

Date: _____, 2020

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)
) ss
County of Alameda)

On _____, 2020, 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)

GRANT OF EASEMENT
FOR SANITARY SEWER PURPOSES

THIS INDENTURE, made this 29th day of APRIL 2019, by and between WINSTON DEVELOPMENT, LP, the Party/~~Parties~~ of the First Part, and UNION SANITARY DISTRICT, the Party of the Second Part,

WITNESSETH:

That said Party/~~Parties~~ of the First Part does hereby grant to the Party of the Second Part and to its successors and assigns forever, for the use and purposes herein stated, the rights of way and easements hereinafter described, located in the city of Fremont, county of Alameda, state of California:

See Exhibit "A" and Exhibit "B"

together with the right and privilege of constructing, reconstructing, cleaning, repairing and maintaining at any time, a sanitary sewer and appurtenances along, upon, over, in, through and across the above described property; together with free ingress and egress to and for the said Party of the Second Part, its successors and assigns, its agents and employees, workmen, contractors, equipment, vehicles and tools, along, upon, over, in, through and across said right of way; together with the right of access by its successors and assigns, its agents and employees, workmen, contractors, equipment, vehicles and tools to said right of way from the nearest public street, over and across the adjoining property, if such there be; otherwise by such route or routes across said adjoining property as shall occasion the least practicable damage and inconvenience to the Party/~~Parties~~ of the First Part, for constructing, cleaning, repairing and maintaining said sanitary sewer and appurtenances; together with free ingress and egress over the land immediately adjoining for maintenance, repair and replacement as well as the initial construction of said sewer.

IN WITNESS WHEREOF the said Party/~~Parties~~ of the First Part have executed this indenture the day and year first above written.



Signature

By: BENJAMIN CHUI, Partner
(Print or type name and title of signatory)
Winston Development, LP

(Notarize)

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 San Joaquin

On April 29, 2019 before me, David Chui, Notary Public
(insert name and title of the officer)

personally appeared Benjamin Chui,
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 [Signature] (Seal)



EXHIBIT A
LEGAL DESCRIPTION
SANITARY SEWER EASEMENT CONVEYED TO UNION SANITARY DISTRICT
TRACT 8342 (353 M 92)
FREMONT, CALIFORNIA

ALL THAT REAL PROPERTY SITUATE IN THE INCORPORATED TERRITORY OF THE CITY OF FREMONT, COUNTY OF ALAMEDA, STATE OF CALIFORNIA, DESCRIBED AS FOLLOWS:

BEING PARCEL A, LABELED AS PUE - PUBLIC UTILITY EASEMENT, OF TRACT 8342 FILED JUNE 5, 2018 IN BOOK 353 OF MAPS AT PAGES 92-98, ALAMEDA COUNTY RECORDS AND SHOWN ON EXHIBIT B - PLAT MAP OF SANITARY SEWER EASEMENT GRANTED TO UNION SANITARY DISTRICT.

CONTAINING 10,708 SQUARE FEET OF LAND, MORE OR LESS.

ATTACHED HERETO IS A PLAT TO ACCOMPANY LEGAL DESCRIPTION, AND BY THIS REFERENCE MADE A PART HEREOF.

END OF DESCRIPTION




MARK H. WEHBER, P.L.S.
L.S. NO. 7960

EXHIBIT B

PLAT MAP OF SANITARY SEWER EASEMENT GRANTED TO
UNION SANITARY DISTRICT
CITY OF FREMONT, ALAMEDA COUNTY, CALIFORNIA

TRACT 8342 WINSTON

CONSISTING OF 7 SHEETS
BEING A SUBDIVISION OF THAT CERTAIN GRANT DEED
RECORDED APRIL 10, 2017 AS DOCUMENT NUMBER 2017080980
OFFICIAL RECORDS OF ALAMEDA COUNTY
CITY OF FREMONT, COUNTY OF ALAMEDA, CALIFORNIA
Carlson, Barbee & Gibson, Inc.
CIVIL ENGINEERS • SURVEYORS • PLANNERS
SAN RAMON • WEST SACRAMENTO

SCALE: 1" = 20' APRIL 2018



BASIS OF BEARINGS:

THE BASIS OF BEARINGS FOR THIS SURVEY IS DETERMINED BY FOUND MONUMENTS
ON THE MONUMENT LINE FOR MEREDITH DRIVE, SHOWN HEREON, THE BEARING BEING
N21°37'10"E AS SHOWN ON MAP OF TRACT 1742, BOOK 38 OF MAPS PAGE 5,
ALAMEDA COUNTY RECORDS.

LEGEND AND ABBREVIATIONS

---	SUBDIVISION BOUNDARY LINE
---	LOT LINE
---	EASEMENT LINE
---	CENTERLINE
---	MONUMENT LINE
(T)	TOTAL
(R)	RADIAL
(M-M)	MONUMENT TO MONUMENT
(M-PL)	MONUMENT TO PROPERTY LINE
●	FOUND STANDARD STREET MONUMENT
●	FOUND MONUMENT AS NOTED
●	SET STANDARD STREET MONUMENT
○	SET 5/8" REBAR AND CAP OR NAIL AND TAG, LS 7960
⊗	MONUMENT SEARCHED FOR NOT FOUND
EVAE	EMERGENCY VEHICLE ACCESS EASEMENT
PAE	PRIVATE ACCESS EASEMENT
PSDE	PRIVATE STORM DRAIN EASEMENT
PSE	PUBLIC SERVICE EASEMENT
PUE	PUBLIC UTILITY EASEMENT
PVAW	PRIVATE VEHICLE ACCESSWAY
SNF	SEARCHED FOR NOT FOUND
---	ABUTTER'S RIGHTS RELINQUISHED
(CALC)	CALCULATED FROM RECORD
---	SANITARY SEWER ACCESS AREA

REFERENCES:

- (#) INDICATES REFERENCE NUMBER
- (1) PARCEL MAP 8385 (304 M 14)
- (2) TRACT 1383 (35 M 5)
- (3) INSTRUMENT NO. 2014097773
- (4) TRACT 1742 (38 M 5)
- (5) CALTRANS RIGHT OF WAY RECORD MAP R165.21*
- (6) CALIFORNIA STATE HIGHWAY MONUMENT MAP S-171.21*
- (7) TRACT 1382 (34 M 56)
- (8) TRACT 551 (29 M 50)

CURVE TABLE			
NO	RADIUS	DELTA	LENGTH
C17	386.50'	0°48'31"	5.45'
C18	413.50'	4°38'56"	33.55'

LINE TABLE			CURVE TABLE		
NO	BEARING	LENGTH	NO	RADIUS	DELTA
L1	N48°17'42"E	4.50'	C1	15.00'	30°06'55"
L2	N20°23'46"E	2.37'	C2	15.00'	58°23'54"
L3	N20°23'46"E	11.40'	C3	19.50'	29°11'54"
L4	N20°35'10"	2.08'	C4	386.50'	5°51'14"
			C5	2.50'	84°08'46"
			C6	2.50'	92°00'49"
			C7	386.50'	4°38'56"
			C8	413.50'	2°08'28"



WASHINGTON
BOULEVARD
STATE
OF
CALIFORNIA

SEE SHEET 6
PARCEL D

PARCEL B
(PSDE, PAE)
1,634 SF±

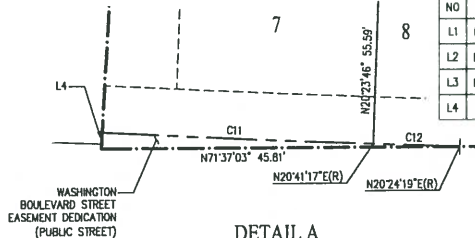
PARCEL A

WASHINGTON BOULEVARD

DETAIL A
NOT TO SCALE

NOTE:

1. MONUMENT TIES ARE PERPENDICULAR TO THE MONUMENT LINES UNLESS OTHERWISE NOTED.
2. ALL DISTANCES SHOWN ARE GROUND LEVEL DISTANCES.
3. 5/8" REBAR AND CAP OR NAIL AND TAG, TAGGED LS 7960 TO BE SET AT ALL FRONT AND REAR YARD CORNERS UNLESS OTHERWISE NOTED.
4. MLE & SS TO BE CONVEYED BY SEPARATE INSTRUMENT SUBSEQUENT TO FILING OF THIS MAP.



PARCEL MAP 8385
304 M 16

PARCEL 2

PARCEL 3

2534-020

Original map may be found at USD, 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

**OCTOBER 26, 2020
BOARD OF DIRECTORS MEETING
AGENDA ITEM # 10**

TITLE: Consider a Resolution to Accept a Sanitary Sewer Easement for Tract 8385 – North Fremont Boulevard Townhomes, Located near Fremont Boulevard and Paseo Padre Parkway, 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 8385 – North Fremont Boulevard Townhomes, located near Fremont Boulevard and Paseo Padre Parkway, in the city of Fremont.

Discussion

None.

Background

The developer, NFBTHs Ventures, LLC, is constructing a residential development consisting of 14 residential condominium units in five buildings for Tract 8385, located at 34240 & 34254 Fremont Boulevard, in the city of Fremont. A vicinity map is attached.

Sanitary sewer service to the residential development will be provided by a new 8-inch main in the development's roadway that discharge to an existing 8-inch sewer in Springfield Common. The roadway of the development does not meet the City of Fremont's street dimensions and structure setback requirements for public streets and was, therefore, designated as private.

NFBTHs Ventures, LLC, has constructed the new 8-inch sewer main and has granted the District a sanitary sewer easement that provides for access and maintenance of the new sewer main.

District staff has reviewed the legal descriptions and plat map of the easement, as well as the Grant of Easement, and recommends approval.

Previous Board Action

None.

PRE/SEG/RA/RS:mb

Attachments: Vicinity Map

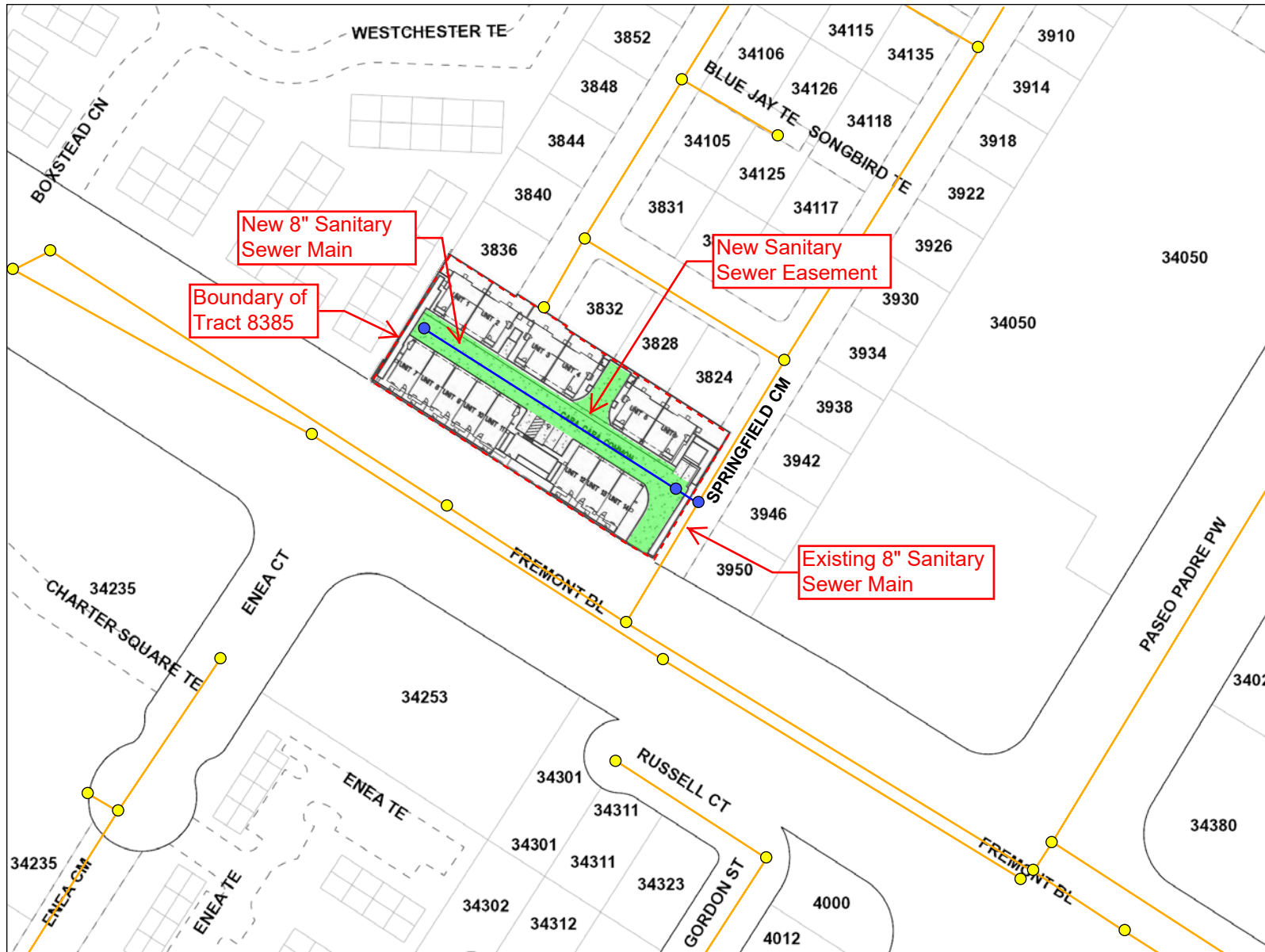
Resolution

Recording Request with Certificate of Acceptance

Grant of Easement with Exhibits A and B



Vicinity Map: Grant of SSE, TR 8385 - North Fremont Boulevard Townhomes, Fremont



Legend

Sewer Manholes

- Drop manhole
- End Cap
- Junction structure
- Lamp pole
- Lift station
- Manhole
- New Manhole
- Riser

Sewer Mains

- New Gravity Main
- EBDA outfall
- Force main
- Gravity main
- Overflow main
- Siphons
- Trunk Main

Railroad / BART

- Railroad
- BART

- Public Right of Way
- Private Right of Way

New Sewer Easement

- Parcels
- Parcel (typical)
- ACFC&WCD

127.0 0 63.49 127.0 Feet

1:1,524

Printed: 10/14/2020 1:35 PM



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 A SANITARY SEWER EASEMENT FOR
TRACT 8385 – NORTH FREMONT BOULEVARD TOWNHOMES, LOCATED
NEAR FREMONT BOULEVARD AND PASEO PADRE PARKWAY,
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 NFBTHs VENTURES, LLC, executed on June 7, 2019, as described in the Grant of Easement for Sanitary Sewer Purposes and by the legal description and plat map, attached as Exhibit A and Exhibit 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 October 26, 2020:

AYES:

NOES:

ABSENT:

ABSTAIN:

TOM HANDLEY
President, Board of Directors
Union Sanitary District

Attest:

ANJALI LATHI
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

NFBTHs VENTURES, LLC

AND

UNION SANITARY DISTRICT

Effective Date: October 26, 2020

CERTIFICATE OF ACCEPTANCE

(Grant of Easement)

This is to certify that the interest in real property conveyed by the Grant of Easement for Sanitary Sewer Purposes, dated June 7, 2019, from NFBTHs VENTURES, LLP, 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 October 26, 2020, and the District consents to recordation thereof by its duly authorized officer.

Date: _____, 2020

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)
) ss
County of Alameda)

On _____, 2020, 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

202
(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 June 7, 2019 ("**Effective Date**"), by and between NFBTHs Ventures, LLC, a limited liability company, ("**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 34240 and 34254 Fremont Boulevard in the City of Fremont, County of Alameda, State of California, identified as Alameda County Assessor Parcel Numbers 543-0464-001-00 and 543-0464-002-00, 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 residential condominiums.

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:

NFBTHs Ventures, LLC

By: _____

Name: _____

Its: _____

(signature must be notarized)

GRANTEE:

UNION SANITARY DISTRICT

By: _____

Name: Paul R. Eldredge

Its: General Manager

(signature must be notarized)

05/28/2009
SEE ATTACHED

Notary acknowledgements to be attached

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

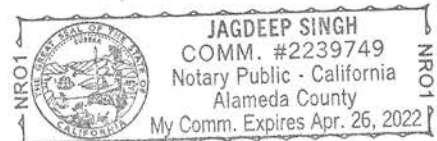
On 05/28/2018 before me, Jagdeep Singh, Notary Public
(Date) (Here Insert Name and Title of the Officer)

personally appeared Ngai Ming Wong
(Name(s) of Signer(s))
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 Jagdeep Singh (Seal)
(Signature of Notary Public)



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 June 7, 2019 before me, Regina Dyan McEvoy, Notary Public
(insert name and title of the officer)

personally appeared Paul R. Eldredge
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 Regina McEvoy (Seal)

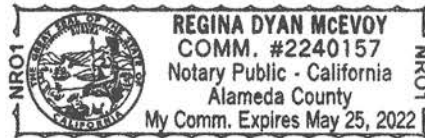


EXHIBIT "A"
LEGAL DESCRIPTION
SANITARY SEWER EASEMENT

REAL PROPERTY SITUATED IN THE CITY OF FREMONT, COUNTY OF ALAMEDA, STATE OF CALIFORNIA, DESCRIBED AS FOLLOWS:

PARCEL 1

ALL OF PARCEL "A" AS SHOWN ON THE FINAL MAP ENTITLED "FINAL MAP 1 LOT SUBDIVISION FOR CONDOMINIUM PURPOSES TRACT 8385" RECORDED MAY 7th, 2019, FILED IN BOOK 359 OF MAPS PAGE 87 ALAMEDA COUNTY RECORDS AND SHOWN ON EXHIBIT "B" ATTACHED.

CONTAINING 9,028 SQFT ±.

PARCEL 2

COMMENCING AT THE SOUTHERLY CORNER OF LOT 1 AS SHOWN ON THE FINAL MAP ENTITLED "FINAL MAP 1 LOT SUBDIVISION FOR CONDOMINIUM PURPOSES TRACT 8385" RECORDED MAY 7th, 2019, FILED IN BOOK 359 OF MAPS PAGE 87 ALAMEDA COUNTY RECORDS; THENCE NORTHEASTERLY ALONG THE BOUNDARY OF SAID LOT 1 NORTH 30°43'11" EAST, 53.86 FEET TO THE POINT OF BEGINNING; THENCE CONTINUING NORTHEASTERLY ALONG THE BOUNDARY OF SAID LOT 1 NORTH 30°43'11" EAST, 15.00 FEET; THENCE LEAVING THE BOUNDARY OF SAID LOT 1 NORTH 58°16'25" WEST, 5.36 FEET; THENCE SOUTH 31°43'35" WEST, 1.22 FEET TO THE EASTERLY CORNER OF SAID PARCEL 1, BEING PARCEL "A" AS SHOWN ON THE FINAL MAP ENTITLED "FINAL MAP 1 LOT SUBDIVISION FOR CONDOMINIUM PURPOSES TRACT 8385" RECORDED MAY 7th, 2019, FILED IN BOOK 359 OF MAPS PAGE 87 ALAMEDA COUNTY RECORDS; THENCE CONTINUING ALONG THE BOUNDARY OF SAID PARCEL 1 SOUTH 31°43'40" WEST, 2.51 FEET; THENCE SOUTH 12°54'17" E, 1.31 FEET; THENCE SOUTH 31°43'43" WEST, 10.34'; THENCE LEAVING THE BOUNDARY OF SAID PARCEL 1 SOUTH 58°16'25" EAST, 4.70 FEET TO THE POINT OF BEGINNING.

CONTAINING 72 SQFT ±.

ATTACHED HERETO IS A PLAT TO ACCOMPANY LEGAL DESCRIPTION, AND BY THIS REFERENCE
MADE A PART HEREOF.

END OF DESCRIPTION



A handwritten signature in blue ink, which appears to read "Michael E. Milani". The signature is fluid and cursive, written over a horizontal line.

FOR MILANI & ASSOCIATES
MICHAEL E. MILANI
L.S. 5311 EXP: 12/31/2019

Job# 827
5/21/2019



**Directors**

Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

Officers

Paul R. Eldredge
*General Manager/
District Engineer*

Karen W. Murphy
Attorney

**OCTOBER 26, 2020
BOARD OF DIRECTORS MEETING
AGENDA ITEM # 11**

TITLE: Consider and Provide Direction on Low-Income Ratepayer Assistance Program (*This is a Direction Item*)

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

Recommendation

Direct staff to continue to monitor future state or federal funding opportunities for a low-income ratepayer assistance program.

Discussion

At the May 2020 hearing adopting new sewer service charges, the Board directed staff to explore and report back on the possibility of implementing a ratepayer assistance or discount program. The costs of any assistance or discount program would include the rate reduction, as well as staff and other expenses to administer the program. Staff has reviewed programs from a number of other water and sanitary districts and considered and analyzed various options. Given the cost of an assistance program and the legal constraints on use of rate revenue, the most viable option for ratepayer assistance is to continue to look for future federal or state assistance or grant funding.

Under Proposition 218, ratepayers cannot pay more than their proportionate share of costs for service. In compliance with this requirement, the District's sewer service charges are based on the amount necessary to fund only the ratepayers' costs of service. If certain customers were charged less than their cost of service it is possible the District would need to increase rates on all customers to offset these losses, thereby causing the customers that do not receive the discount to pay more than their cost of service. Consequently, the current best practice is to not use rate revenue to fund a discount or assistance program.

In light of the constraints on the use of rate revenue, staff explored whether any potential District non-rate revenue funding source exists. Some special districts fund their assistance programs with late fee charges. However, given that the District collects sewer service charges on the tax rolls, the District does not collect any late fees and does not have access to that type of revenue. Other potential funding sources, such as investment income and lease revenue, are arguably derived from rate revenue. Therefore, staff could not determine a method to fund an assistance or discount program that did not ultimately require some form of rate revenue and potentially impact rate payers.

Staff also explored non-District funding sources. Proposed federal COVID relief packages have included possible assistance for water and wastewater ratepayers. To date, however, no legislation has been passed that includes such assistance. Given the constraints on funding an assistance or discount program with District rate revenue, staff recommends continuing to monitor state or federal legislative efforts for any possible non-District funding source and bring back a low-income assistance program for consideration if these funding sources become available.

Previous Board Action

May 11, 2020 – The Board held a public hearing and adopted Ordinance 31.40 setting sewer service charges for Fiscal Years 2021-2025. The Board also directed staff to bring back a resolution adopting a Residential Deferral Program and to explore potential discount programs and bring back a report to the Board.



Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

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

Karen W. Murphy
Attorney

**OCTOBER 26, 2020
BOARD OF DIRECTORS MEETING
AGENDA ITEM #12**

TITLE: Board Expenses for 1st Quarter of Fiscal Year 2021 (*This is an Information Item*)

SUBMITTED: Paul R. Eldredge, General Manager/District Engineer
Mark Carlson, Business Services Manager/CFO
Laurie Brenner, FAST Team Coach

Recommendation

Information only.

Previous Board Action

None

Background

Please see attached the Board of Directors Quarterly Travel and Training Expenditure Report for the 1st quarter of Fiscal Year 2021.

BOARD OF DIRECTORS
QUARTERLY TRAVEL AND TRAINING EXPENDITURE REPORT
1ST QTR, FISCAL YEAR 2021

Board Members	Description	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Beginning Balance	Y-T-D Expense	Balance Available
FERNANDEZ, MANNY								
	TOTAL	0.00	0.00	0.00	0.00	5000.00	0.00	5000.00
HANDLEY, TOM								
	TOTAL	0.00	0.00	0.00	0.00	5000.00	0.00	5000.00
HARRISON, JENNIFER								
	TOTAL	0.00	0.00	0.00	0.00	5000.00	0.00	5000.00
KITE, PAT								
	TOTAL	0.00	0.00	0.00	0.00	5000.00	0.00	5000.00
LATHI, ANJALI								
	2020 Virtual Special Districts Legislative Days	150.00						
	2020 Annual CASA Conference Registration	125.00						
	Lorman All Access Education Pass	699.00						
	TOTAL	974.00	0.00	0.00	0.00	5000.00	974.00	4026.00
	GRAND TOTAL	974.00	0.00	0.00	0.00	25000.00	974.00	24026.00

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



Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

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

Karen W. Murphy
Attorney

**OCTOBER 26, 2020
BOARD OF DIRECTORS MEETING
AGENDA ITEM #13**

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

SUBMITTED: Paul R. Eldredge, General Manager/District Engineer
Mark Carlson, Work Group Manager
Laurie Brenner, Team Coach
Skip Calvo, Purchasing Agent

Recommendation

Information only.

Discussion

Information only.

Background

The attached CAL-Card Merchant Spend Analysis details the CAL-Card activity for the first quarter of FY 2021. This covers transactions from the CAL-Card billing period July 23, 2020 through September 22, 2020. During this quarter, we had 224 transactions totaling \$70,877.23.

Attachments: Merchant Spend Analysis Report

Previous Board Action

None.

Merchant Spend Analysis - Detail

MCCG	Merchant Category Code Group Description	MCC	Merchant Name	Merchant City	Merchant State/ Province	Debit Amount	Nbr of Debit Trans	Average Spend per Debit Trans	Credit Amount	Nbr of Credit Trans	Total Spend	% of Total Spend	Nbr of Trans	Total Sales Tax
47970	OFFICE SERVICES	7399	JOYCEDAYTON	937-294-6261	OH	\$ 7,075.53	2	\$ 3,537.76	\$ 0.00	0	\$ 7,075.53	9.98%	2	\$ 598.59
388846	Olivia	8999	IN *BRANDON CONLEY TRAINI	574-2017704	IN	4,925.00	3	1,641.67	0.00	0	4,925.00	6.95%	3	0.00
47963	BUSINESS EXPENS	9399	CITY OF FREMONT ACC WEB	510-494-4790	CA	4,320.00	4	1,080.00	0.00	0	4,320.00	6.10%	4	0.00
47979	WHOLESALE TRADE	5039	OWEN EQUIPMENT COMPANY	503-2559055	OR	2,366.08	2	1,183.04	0.00	0	2,366.08	3.34%	2	199.44
373694	8699	8699	CALIFORNIA WATER ENVIRONM	510-3827800	CA	2,193.00	13	168.69	0.00	0	2,193.00	3.09%	13	0.00
47963	BUSINESS EXPENS	9399	CITY OF FREMONT DEV SVCS	FREMONT	CA	2,160.00	2	1,080.00	0.00	0	2,160.00	3.05%	2	0.00
47972	OTHER	5732	BESTBUYCOM806259197940	888-BESTBUY	MN	1,959.54	1	1,959.54	0.00	0	1,959.54	2.76%	1	126.06
47979	WHOLESALE TRADE	5200	THE HOME DEPOT #0635	UNION CITY	CA	1,664.91	1	1,664.91	0.00	0	1,664.91	2.35%	1	147.91
47979	WHOLESALE TRADE	5039	EST GROUP INC	215-513-4300	PA	1,569.27	2	784.63	0.00	0	1,569.27	2.21%	2	0.00
47972	OTHER	5999	ECOLINE INDUSTRIAL SUPPLY	800-425-8070	CA	1,530.49	1	1,530.49	0.00	0	1,530.49	2.16%	1	0.00
47979	WHOLESALE TRADE	5200	THE HOME DEPOT #6964	NEWARK	CA	1,423.46	1	1,423.46	0.00	0	1,423.46	2.01%	1	126.46
47971	OFFICE SUPPLIES	5942	AMAZON.COM*MF5 TC4K82 AMZN	AMZN.COM/BILL	WA	1,315.90	1	1,315.90	0.00	0	1,315.90	1.86%	1	116.90
47972	OTHER	7299	IN *GENERAL POWER LIMITED	305-4719566	FL	1,240.00	2	620.00	0.00	0	1,240.00	1.75%	2	0.00
388846	Olivia	8641	CALIFORNIA SPECIAL DISTRI	916-442-7887	CA	1,100.00	3	366.67	0.00	0	1,100.00	1.55%	3	0.00
47961	AUTO/RV DEALERS	5511	MISSION VALLEY FORD TRUCK	SAN JOSE	CA	1,021.14	2	510.57	0.00	0	1,021.14	1.44%	2	0.00
47978	VEHICLE EXPENSE	7538	BAYCOUNTIESDIES ELSERVINC	FREMONT	CA	972.42	3	324.14	0.00	0	972.42	1.37%	3	4.32
289779	COMPUTER	5968	ZOOM.US	888-799-9666	CA	935.31	5	187.06	0.00	0	935.31	1.32%	5	0.00

Merchant Spend Analysis - Detail

MCCG	Merchant Category Code Group Description	MCC	Merchant Name	Merchant City	Merchant State/ Province	Debit Amount	Nbr of Debit Trans	Average Spend per Debit Trans	Credit Amount	Nbr of Credit Trans	Total Spend	% of Total Spend	Nbr of Trans	Total Sales Tax
373694	8699	8699	AMERICAN PAYROLL ASSOC	210-226-4600	TX	\$ 895.95	2	\$ 447.98	\$ 0.00	0	\$ 895.95	1.26%	2	\$ 0.00
47979	WHOLESALE TRADE	5085	ADAM-HILL COMPANY	650-589-9655	CA	830.57	1	830.57	0.00	0	830.57	1.17%	1	0.00
47979	WHOLESALE TRADE	5065	SEW EURODRIVE	864-439-8792	SC	827.26	1	827.26	0.00	0	827.26	1.17%	1	8.27
47979	WHOLESALE TRADE	5200	THE HOME DEPOT #6636	FREMONT	CA	809.41	1	809.41	0.00	0	809.41	1.14%	1	71.91
47979	WHOLESALE TRADE	5072	C H BULL COMPANY	6508378400	CA	805.34	1	805.34	0.00	0	805.34	1.14%	1	0.00
47970	OFFICE SERVICES	7311	MENIKHEIM PROMO SOL.	HTTPSMENIKHEI	CA	802.91	1	802.91	0.00	0	802.91	1.13%	1	0.00
388846	Olivia	8299	SURGENT MCCOY SELF STUDY	610-6884477	PA	799.00	1	799.00	0.00	0	799.00	1.13%	1	0.00
47979	WHOLESALE TRADE	5085	INSTRUMART	800-8844967	VT	732.04	1	732.04	0.00	0	732.04	1.03%	1	0.00
47979	WHOLESALE TRADE	5200	THE HOME DEPOT 6636	FREMONT	CA	724.87	1	724.87	0.00	0	724.87	1.02%	1	61.37
388846	Olivia	8299	WWW.LORMAN.COM	WWW.LORMAN.CO	WI	699.00	1	699.00	0.00	0	699.00	0.99%	1	0.00
373694	8699	8699	GOVERNMENT FINANCE OFFIC	CHICAGO	IL	686.73	3	228.91	0.00	0	686.73	0.97%	3	0.00
47963	BUSINESS EXPENS	9399	CA TOXIC MAIN/US EPA FEE	SACRAMENTO	CA	675.00	1	675.00	0.00	0	675.00	0.95%	1	0.00
47972	OTHER	5732	BESTBUYCOM8062 57796620	888-BESTBUY	MN	658.47	1	658.47	0.00	0	658.47	0.93%	1	42.36
		5732	BESTBUYCOM8062 83064309	888-BESTBUY	MN	658.47	1	658.47	0.00	0	658.47	0.93%	1	42.36
		5732	BESTBUYCOM8063 00768138	888-BESTBUY	MN	658.47	1	658.47	0.00	0	658.47	0.93%	1	42.36
47978	VEHICLE EXPENSE	7538	BAYCOUNTIESDIES ELSERVINC	FREMONT	CA	648.28	2	324.14	0.00	0	648.28	0.91%	2	2.88
47971	OFFICE SUPPLIES	5942	AMAZON.COM*MV5 NO34I0 AMZN	AMZN.COM/BILL	WA	619.70	1	619.70	0.00	0	619.70	0.87%	1	55.06

Merchant Spend Analysis - Detail

MCCG	Merchant Category Code Group Description	MCC	Merchant Name	Merchant City	Merchant State/ Province	Debit Amount	Nbr of Debit Trans	Average Spend per Debit Trans	Credit Amount	Nbr of Credit Trans	Total Spend	% of Total Spend	Nbr of Trans	Total Sales Tax
47979	WHOLESALE TRADE	5200	LOWES #01132*	UNION CITY	CA	\$ 578.41	6	\$ 96.40	\$ 0.00	0	\$ 578.41	0.82%	6	\$ 51.43
47963	BUSINESS EXPENS	9399	UNION CITY CITY HALL	510-6755381	CA	562.00	1	562.00	0.00	0	562.00	0.79%	1	0.00
47978	VEHICLE EXPENSE	5542	CHEVRON 0206357	FREMONT	CA	558.64	6	93.11	0.00	0	558.64	0.79%	6	79.86
47971	OFFICE SUPPLIES	5734	2CO.COM*PLUMSAI L.COM 1328	AMSTERDAM		499.00	1	499.00	0.00	0	499.00	0.70%	1	0.00
47972	OTHER	4214	IN *PENINSULA MESSENGER S	559-7346328	CA	495.00	1	495.00	0.00	0	495.00	0.70%	1	0.00
47979	WHOLESALE TRADE	5085	ROSEMOUNT MEASURE	952-828-3772	MN	478.54	1	478.54	0.00	0	478.54	0.68%	1	0.00
47972	OTHER	5732	BESTBUYCOM8062 53091863	888-BESTBUY	MN	460.88	1	460.88	0.00	0	460.88	0.65%	1	29.65
384466	Computer	5045	CDW GOVT #ZFN6534	800-808-4239	IL	447.16	1	447.16	0.00	0	447.16	0.63%	1	34.08
47972	OTHER	5732	BESTBUYCOM8062 20600765	888-BESTBUY	MN	438.98	1	438.98	0.00	0	438.98	0.62%	1	28.24
		5732	BESTBUYCOM8062 20624971	888-BESTBUY	MN	438.98	1	438.98	0.00	0	438.98	0.62%	1	28.24
47979	WHOLESALE TRADE	5085	GRAINGER	877-2022594	IL	410.22	4	102.56	0.00	0	410.22	0.58%	4	36.45
373694	8699	8699	NATIONAL PROCUREMENT INST	702-989-8095	NV	400.00	1	400.00	0.00	0	400.00	0.56%	1	0.00
371673	8398	8398	PRIMA	703-528-7701	VA	385.00	1	385.00	0.00	0	385.00	0.54%	1	0.00
47979	WHOLESALE TRADE	5169	MAR-LEN SUPPLY INC -CLV	510-782-3555	CA	380.91	1	380.91	0.00	0	380.91	0.54%	1	0.00
47979	WHOLESALE TRADE	5065	STEVEN ENGINEERING	650-588-9200	CA	376.19	1	376.19	0.00	0	376.19	0.53%	1	31.40
373694	8699	8699	CASA	916-4460388	CA	375.00	3	125.00	0.00	0	375.00	0.53%	3	0.00
47971	OFFICE SUPPLIES	5942	AMZN MKTP US*MM9BN44I0 AM	AMZN.COM/BILL	WA	370.96	1	370.96	0.00	0	370.96	0.52%	1	32.96
47979	WHOLESALE	5085	ZORO TOOLS INC	855-2899676	IL	362.77	1	362.77	0.00	0	362.77	0.51%	1	0.00

Merchant Spend Analysis - Detail

MCCG	Merchant Category Code Group Description	MCC	Merchant Name	Merchant City	Merchant State/ Province	Debit Amount	Nbr of Debit Trans	Average Spend per Debit Trans	Credit Amount	Nbr of Credit Trans	Total Spend	% of Total Spend	Nbr of Trans	Total Sales Tax
47979	TRADE													
47962	BUILDING SERVIC	7217	KING KOVERS OF FREMONT IN	FREMONT	CA	360.18	1	360.18	0.00	0	360.18	0.51%	1	0.00
47979	WHOLESALE TRADE	5169	ENVIRONMENTAL RESOURCE	303-431-8454	CO	350.47	1	350.47	0.00	0	350.47	0.49%	1	31.17
47979	WHOLESALE TRADE	5085	NATIONAL TANK	888-686-8265	TN	346.62	1	346.62	0.00	0	346.62	0.49%	1	0.00
373694	8699	8699	ASQ ECOMMERCE	414-2728575	WI	338.00	2	169.00	0.00	0	338.00	0.48%	2	0.00
373694	8699	8699	WEF MAIN	703-684-2400	VA	332.00	1	332.00	0.00	0	332.00	0.47%	1	0.00
		8699	WEF MAIN	ALEXANDRIA	VA	332.00	1	332.00	0.00	0	332.00	0.47%	1	0.00
		8699	WEF MAIN	ALEXANDRIA	VA	332.00	1	332.00	0.00	0	332.00	0.47%	1	0.00
373526	Redwing 7372	7372	VENNGAGE.COM	TORONTO	ON	327.60	1	327.60	0.00	0	327.60	0.46%	1	0.00
47970	OFFICE SERVICES	7361	ZIPRECRUITER, INC.	855-747-5493	CA	319.00	1	319.00	0.00	0	319.00	0.45%	1	0.00
373694	8699	8699	NASTT COURSE TRAINING	NASTT.ORG	OH	300.00	1	300.00	0.00	0	300.00	0.42%	1	0.00
373694	8699	8699	NATIONAL INSITUTE OF GOVE	703-7368900	VA	297.00	1	297.00	0.00	0	297.00	0.42%	1	0.00
47966	MAIL/TELEPHON E	5964	ULINE *SHIP SUPPLIES	800-295-5510	WI	290.06	2	145.03	0.00	0	290.06	0.41%	2	22.99
47979	WHOLESALE TRADE	5085	HACH COMPANY	970-6631377	CO	279.00	1	279.00	0.00	0	279.00	0.39%	1	24.78
392815	5047	5047	IDEXX DISTRIBUTION INC	800-814-1147	ME	274.09	1	274.09	0.00	0	274.09	0.39%	1	20.96
384466	Computer	5045	CDW GOVT #ZLW0681	800-808-4239	IL	270.74	1	270.74	0.00	0	270.74	0.38%	1	24.05
47972	OTHER	5732	BESTBUYCOM8063 11111997	888-BESTBUY	MN	263.37	1	263.37	0.00	0	263.37	0.37%	1	16.95
47971	OFFICE SUPPLIES	5942	AMZN MKTP US*MJ20Y6HH1	AMZN.COM/BILL	WA	254.51	1	254.51	0.00	0	254.51	0.36%	1	0.00
392815	5047	5047	ENVIRONMENTAL EXPRESS	999-9999999	SC	242.39	1	242.39	0.00	0	242.39	0.34%	1	21.94
47979	WHOLESALE TRADE	5199	TAP PLASTICS #10	510-3573755	CA	241.45	1	241.45	0.00	0	241.45	0.34%	1	21.45

Merchant Spend Analysis - Detail

MCCG	Merchant Category Code Group Description	MCC	Merchant Name	Merchant City	Merchant State/ Province	Debit Amount	Nbr of Debit Trans	Average Spend per Debit Trans	Credit Amount	Nbr of Credit Trans	Total Spend	% of Total Spend	Nbr of Trans	Total Sales Tax
47971	OFFICE SUPPLIES	4812	METRO MOBILE COMMUNICATIO	650-3671992	CA	\$ 238.16	1	\$ 238.16	\$ 0.00	0	\$ 238.16	0.34%	1	\$ 19.11
47962	BUILDING SERVIC	1799	WHEELER BROS	866-439-2329	PA	230.73	1	230.73	0.00	0	230.73	0.33%	1	0.00
47972	OTHER	5732	BESTBUYCOM806246303817	888-BESTBUY	MN	230.44	1	230.44	0.00	0	230.44	0.33%	1	14.83
		5732	BESTBUYCOM806252622519	888-BESTBUY	MN	230.44	1	230.44	0.00	0	230.44	0.33%	1	14.83
		5732	BESTBUYCOM806257796620	888-BESTBUY	MN	230.44	1	230.44	0.00	0	230.44	0.33%	1	14.83
387278	5099	5099	ACCUFORM.COM LLC	800-237-1001	FL	226.41	1	226.41	0.00	0	226.41	0.32%	1	0.00
47979	WHOLESALE TRADE	5085	GIH*GLOBALINDUS TRIALEQ	800-645-2986	FL	223.26	2	111.63	0.00	0	223.26	0.31%	2	20.76
388846	Olivia	8299	PESTICIDE APPLICATORS PRO	831-4423536	CA	220.00	2	110.00	0.00	0	220.00	0.31%	2	0.00
47972	OTHER	5732	BESTBUYCOM806243415882	888-BESTBUY	MN	219.45	1	219.45	0.00	0	219.45	0.31%	1	14.12
47971	OFFICE SUPPLIES	5734	EVENT* MSA SAN FRANCIS	HTTPSWWW.CVE N	VA	216.51	3	72.17	0.00	0	216.51	0.31%	3	0.00
47971	OFFICE SUPPLIES	5942	AMZN MKTP US*MM2693E21	AMZN.COM/BILL	WA	201.82	1	201.82	0.00	0	201.82	0.28%	1	17.90
47979	WHOLESALE TRADE	5399	CHEMETRICS.COM	540-7889026	VA	196.40	2	98.20	0.00	0	196.40	0.28%	2	0.00
47971	OFFICE SUPPLIES	5734	CBI*CLEVERBRIDG E.NET	800-799-9570	IL	195.00	1	195.00	0.00	0	195.00	0.28%	1	0.00
388846	Olivia	8299	TAYLOR & FRANCIS BOOKS	561-361-6000	FL	187.91	1	187.91	0.00	0	187.91	0.27%	1	0.00
388846	Olivia	8641	OWPSACSTATE	916-278-6142	CA	183.53	1	183.53	0.00	0	183.53	0.26%	1	0.00
47972	OTHER	5732	BESTBUYCOM806316487386	888-BESTBUY	MN	181.05	1	181.05	0.00	0	181.05	0.26%	1	11.65
47979	WHOLESALE TRADE	5311	EBAY O*10-05583-52766	408-3766151	CA	178.83	1	178.83	0.00	0	178.83	0.25%	1	0.00
47979	WHOLESALE	5311	EBAY	408-3766151	CA	175.59	1	175.59	0.00	0	175.59	0.25%	1	0.00

Merchant Spend Analysis - Detail

MCCG	Merchant Category Code Group Description	MCC	Merchant Name	Merchant City	Merchant State/ Province	Debit Amount	Nbr of Debit Trans	Average Spend per Debit Trans	Credit Amount	Nbr of Credit Trans	Total Spend	% of Total Spend	Nbr of Trans	Total Sales Tax
47979	TRADE		O*04-05656-69946											
47972	OTHER	5732	BESTBUYCOM806273779788	888-BESTBUY	MN	175.58	1	175.58	0.00	0	175.58	0.25%	1	11.30
47979	WHOLESALE TRADE	5200	LOWES #01895*	FREMONT	CA	167.72	2	83.86	0.00	0	167.72	0.24%	2	15.49
47972	OTHER	5999	WWW.THINGSREMEMBERED.COM	866-9024438	OH	164.63	1	164.63	0.00	0	164.63	0.23%	1	14.63
373183	5046	5046	TMSEQUIP.COM	402-281-1551	NE	163.06	1	163.06	0.00	0	163.06	0.23%	1	0.00
47979	WHOLESALE TRADE	5072	DWYER INSTRUMENTS, INC	219-879-8868	IN	159.46	1	159.46	0.00	0	159.46	0.22%	1	0.00
47963	BUSINESS EXPENS	9399	CPS HUMAN RESOURCE SERVIC	916-2633600	CA	750.00	2	375.00	597.00	3	153.00	0.22%	5	0.00
388846	Olivia	4899	AUTOPAY/DISH NTKW	800-333-3474	CO	141.84	2	70.92	0.00	0	141.84	0.20%	2	0.00
47972	OTHER	5732	BESTBUYCOM806278552259	888-BESTBUY	MN	137.13	1	137.13	0.00	0	137.13	0.19%	1	8.83
47972	OTHER	5732	BESTBUYCOM806259197940	888-BESTBUY	MN	131.69	1	131.69	0.00	0	131.69	0.19%	1	8.48
47970	OFFICE SERVICES	7394	PETERSON SAN LEANDRO	510-357-6200	CA	118.09	1	118.09	0.00	0	118.09	0.17%	1	0.00
388846	Olivia	8999	THE BUSINESS JOURNALS	800-486-3289	NC	115.00	1	115.00	0.00	0	115.00	0.16%	1	0.00
47979	WHOLESALE TRADE	5085	ENVIRO SAFETY PRODUCTS	559-6510919	CA	112.27	1	112.27	0.00	0	112.27	0.16%	1	7.42
47979	WHOLESALE TRADE	5399	SMARTSIGN	718-797-1900	NY	105.79	1	105.79	0.00	0	105.79	0.15%	1	8.62
47979	WHOLESALE TRADE	5251	HARBOR FREIGHT TOOLS 494	HAYWARD	CA	105.25	2	52.63	0.00	0	105.25	0.15%	2	9.35
47971	OFFICE SUPPLIES	5942	AMAZON.COM*M41TY6N32	AMZN.COM/BILL	WA	93.28	1	93.28	0.00	0	93.28	0.13%	1	0.00
47971	OFFICE SUPPLIES	5942	AMZN MKTP US*MS04B7Q52	AMZN.COM/BILL	WA	90.48	1	90.48	0.00	0	90.48	0.13%	1	8.04
373694	8699	8699	CALIFORNIA WATER ENVIRONM	510-3827800	CA	89.00	1	89.00	0.00	0	89.00	0.13%	1	0.00

Merchant Spend Analysis - Detail

MCCG	Merchant Category Code Group Description	MCC	Merchant Name	Merchant City	Merchant State/ Province	Debit Amount	Nbr of Debit Trans	Average Spend per Debit Trans	Credit Amount	Nbr of Credit Trans	Total Spend	% of Total Spend	Nbr of Trans	Total Sales Tax
47971	OFFICE SUPPLIES	5942	AMZN MKTP US*MM0OP6662	AMZN.COM/BILL	WA	\$ 87.79	1	\$ 87.79	\$ 0.00	0	\$ 87.79	0.12%	1	\$ 7.80
47971	OFFICE SUPPLIES	5942	AMAZON.COM*MF2 3Q7SI1 AMZN	AMZN.COM/BILL	WA	81.47	1	81.47	0.00	0	81.47	0.11%	1	7.24
47970	OFFICE SERVICES	7399	THE UPS STORE 3145	UNION CITY	CA	80.69	1	80.69	0.00	0	80.69	0.11%	1	0.00
378973	4899	5310	WAL-MART #2989	FREMONT	CA	77.87	1	77.87	0.00	0	77.87	0.11%	1	6.59
47979	WHOLESALE TRADE	5169	FACTORY SUPPLY OUTLET	310-892-7347	CA	75.28	1	75.28	0.00	0	75.28	0.11%	1	0.00
392815	5047	5047	R AND D BATTERIES	952-8900629	MN	71.19	1	71.19	0.00	0	71.19	0.10%	1	0.00
388846	Olivia	4899	AUTOPAY/DISH NTWK	800-333-3474	CO	70.92	1	70.92	0.00	0	70.92	0.10%	1	0.00
388846	Olivia	8999	QUICK SEARCH	214-358-2880	TX	68.75	1	68.75	0.00	0	68.75	0.10%	1	5.24
47970	OFFICE SERVICES	7311	FACEBK 7ZX5TSA4A2	650-5434800	CA	67.60	1	67.60	0.00	0	67.60	0.10%	1	0.00
47972	OTHER	5999	INDUSTRIAL MAGNETICS I	231-582-3100	MI	67.38	1	67.38	0.00	0	67.38	0.10%	1	0.00
47978	VEHICLE EXPENSE	5533	FLEETPRIDE720	HAYWARD	CA	65.45	1	65.45	0.00	0	65.45	0.09%	1	5.81
47971	OFFICE SUPPLIES	5942	AMZN MKTP US*MJ18N8L41	AMZN.COM/BILL	WA	63.63	1	63.63	0.00	0	63.63	0.09%	1	5.65
384466	Computer	5045	CDW GOVT #ZXP8755	800-808-4239	IL	60.50	1	60.50	0.00	0	60.50	0.09%	1	0.00
47970	OFFICE SERVICES	7399	FREMONT RECYCLING AND TRA	FREMONT	CA	59.81	1	59.81	0.00	0	59.81	0.08%	1	0.00
47978	VEHICLE EXPENSE	5533	O'REILLY AUTO PARTS 2571	UNION CITY	CA	59.25	1	59.25	0.00	0	59.25	0.08%	1	5.26
47972	OTHER	5999	INTERNATIONAL E-Z UP, IN	800-4574233	CA	54.33	1	54.33	0.00	0	54.33	0.08%	1	0.00
384466	Computer	5045	CDW GOVT #ZLR8254	800-808-4239	IL	53.46	1	53.46	0.00	0	53.46	0.08%	1	0.00
47972	OTHER	5732	WIRECABLEGO	855-880-8010	IL	53.17	1	53.17	0.00	0	53.17	0.08%	1	0.00

Merchant Spend Analysis - Detail

MCCG	Merchant Category Code Group Description	MCC	Merchant Name	Merchant City	Merchant State/ Province	Debit Amount	Nbr of Debit Trans	Average Spend per Debit Trans	Credit Amount	Nbr of Credit Trans	Total Spend	% of Total Spend	Nbr of Trans	Total Sales Tax
388846	Olivia	8999	SQ *ELECTRIC MOTOR	415-375-3176	CA	\$ 52.02	1	\$ 52.02	\$ 0.00	0	\$ 52.02	0.07%	1	\$ 0.00
47971	OFFICE SUPPLIES	5942	AMAZON.COM*MM4 CX1KC0	AMZN.COM/BILL	WA	51.26	1	51.26	0.00	0	51.26	0.07%	1	0.00
47979	WHOLESALE TRADE	5200	HOMEDEPOT.COM	800-430-3376	GA	49.91	1	49.91	0.00	0	49.91	0.07%	1	4.43
47970	OFFICE SERVICES	7399	EB VIRTUAL NEOGOV CON	801-413-7200	CA	49.00	1	49.00	0.00	0	49.00	0.07%	1	0.00
		7333	STK*BIGSTOCKPH OTO.COM	855-272-5125	NY	49.00	1	49.00	0.00	0	49.00	0.07%	1	0.00
47979	WHOLESALE TRADE	5251	EREPLACEMENTPA RTS.COM	866-3229842	FL	45.47	1	45.47	0.00	0	45.47	0.06%	1	0.00
47971	OFFICE SUPPLIES	5942	AMZN MKTP US*MM7ZI1EX1 AM	AMZN.COM/BILL	WA	43.88	1	43.88	0.00	0	43.88	0.06%	1	3.90
47971	OFFICE SUPPLIES	5942	AMZN MKTP US*MM1KH0E91	AMZN.COM/BILL	WA	43.28	1	43.28	0.00	0	43.28	0.06%	1	3.30
47971	OFFICE SUPPLIES	5942	AMAZON.COM*M45 KI0LI0 AMZN	AMZN.COM/BILL	WA	41.68	1	41.68	0.00	0	41.68	0.06%	1	3.70
47970	OFFICE SERVICES	7311	FACEBK S5TAETN3A2	650-5434800	CA	40.00	1	40.00	0.00	0	40.00	0.06%	1	0.00
47971	OFFICE SUPPLIES	5942	AMZN MKTP US*MJ9S58CB1	AMZN.COM/BILL	WA	39.48	1	39.48	0.00	0	39.48	0.06%	1	3.50
47972	OTHER	5941	CROWN AWARDS INC	800-227-1557	NY	38.94	1	38.94	0.00	0	38.94	0.05%	1	0.05
373183	5046	5046	KLEEN RITE CORP	717-684-6721	PA	38.85	1	38.85	0.00	0	38.85	0.05%	1	0.00
47971	OFFICE SUPPLIES	5942	AMZN MKTP US*M47187CW1	AMZN.COM/BILL	WA	36.62	1	36.62	0.00	0	36.62	0.05%	1	3.25
47971	OFFICE SUPPLIES	5942	AMAZON.COM*MS4 LA4911	AMZN.COM/BILL	WA	35.88	1	35.88	0.00	0	35.88	0.05%	1	3.19
47971	OFFICE SUPPLIES	5942	AMZN MKTP US*MF6MH7760	AMZN.COM/BILL	WA	35.11	1	35.11	0.00	0	35.11	0.05%	1	0.00
47979	WHOLESALE TRADE	5211	BULBS.COM INC	888-4552800	MA	33.75	1	33.75	0.00	0	33.75	0.05%	1	0.00
47971	OFFICE	5942	AMAZON.COM*MU6	AMZN.COM/BILL	WA	26.45	1	26.45	0.00	0	26.45	0.04%	1	0.00

Merchant Spend Analysis - Detail

MCCG	Merchant Category Code Group Description	MCC	Merchant Name	Merchant City	Merchant State/ Province	Debit Amount	Nbr of Debit Trans	Average Spend per Debit Trans	Credit Amount	Nbr of Credit Trans	Total Spend	% of Total Spend	Nbr of Trans	Total Sales Tax
47971	SUPPLIES		WQ47H1											
47971	OFFICE SUPPLIES	5942	AMZN MKTP US*MF8Z522E2	AMZN.COM/BILL	WA	26.29	1	26.29	0.00	0	26.29	0.04%	1	2.34
47971	OFFICE SUPPLIES	5942	AMZN MKTP US*MU12987S0	AMZN.COM/BILL	WA	24.12	1	24.12	0.00	0	24.12	0.03%	1	2.14
47971	OFFICE SUPPLIES	5942	AMZN MKTP US*MS0AK7P62	AMZN.COM/BILL	WA	21.94	1	21.94	0.00	0	21.94	0.03%	1	1.95
47970	OFFICE SERVICES	7311	FACEBK J8XR7UN3A2	650-5434800	CA	20.00	1	20.00	0.00	0	20.00	0.03%	1	0.00
47979	WHOLESALE TRADE	5013	BEARING ENGINEERING CO	SAN FRANCISCO	CA	17.56	1	17.56	0.00	0	17.56	0.02%	1	1.48
47971	OFFICE SUPPLIES	5942	AMZN MKTP US*MM2J73ZJ1	AMZN.COM/BILL	WA	17.46	1	17.46	0.00	0	17.46	0.02%	1	0.00
47972	OTHER	5999	BATTERIES PLUS #0475	SAN JOSE	CA	17.46	1	17.46	0.00	0	17.46	0.02%	1	1.48
47971	OFFICE SUPPLIES	5942	AMAZON.COM*MU1 RD7C12	AMZN.COM/BILL	WA	14.99	1	14.99	0.00	0	14.99	0.02%	1	0.00
289779	COMPUTER	5968	AMAZON PRIME*M48YG3JE0	AMZN.COM/BILL	WA	14.26	1	14.26	0.00	0	14.26	0.02%	1	1.27
		5968	AMAZON PRIME*MM7OD0T50	AMZN.COM/BILL	WA	14.26	1	14.26	0.00	0	14.26	0.02%	1	1.27
		5968	AMAZON PRIME*MV6EK51W0	AMZN.COM/BILL	WA	14.26	1	14.26	0.00	0	14.26	0.02%	1	1.27
47978	VEHICLE EXPENSE	4784	FASTRAK VIOLATION CENT	415-486-8655	CA	12.00	2	6.00	0.00	0	12.00	0.02%	2	0.00
47971	OFFICE SUPPLIES	5942	AMZN MKTP US*MU3HE6N20	AMZN.COM/BILL	WA	9.88	1	9.88	0.00	0	9.88	0.01%	1	0.88
47971	OFFICE SUPPLIES	5942	AMZN MKTP US*MJ5FR8CQ1	AMZN.COM/BILL	WA	7.55	1	7.55	0.00	0	7.55	0.01%	1	0.67
47978	VEHICLE EXPENSE	5533	O'REILLY AUTO PARTS 3464	NEWARK	CA	4.71	1	4.71	0.00	0	4.71	0.01%	1	0.42
47972	OTHER	5732	BESTBUYCOM8062 57796620	RICHFIELD	MN	0.00	0	0.00	658.47	1	(658.47)	(0.93%)	1	42.36

MCCG	Merchant Category Code Group Description	MCC	Merchant Name	Merchant City	Merchant State/ Province	Debit Amount	Nbr of Debit Trans	Average Spend per Debit Trans	Credit Amount	Nbr of Credit Trans	Total Spend	% of Total Spend	Nbr of Trans	Total Sales Tax
47979	WHOLESALE TRADE	5085	INSTRUMART	SOUTH BURLING	VT	\$ 0.00	0	\$ 0.00	\$ 732.04	1	\$ (732.04)	(1.03%)	1	\$ 0.00
Total						\$72,864.74			\$1,987.51		\$70,877.23		224	\$ 2,529.48

Total Number of Records: 159

End of Report

Merchant Spend Analysis - Detail Output Parameter Page

Cycle Close Date Range: 07/2020 to 09/2020
Report Type: Detail
Merchant Profile Source: Association
Merchant Names: All
Merchant Category Code Group: All
Merchant States: All

Sort Report By: (1) Total Spend, (2) No Sort, (3) No Sort, (4) No Sort
Break/Subtotal Level: No Break/Subtotal

Processing Hierarchy Position:	<u>Bank</u>	<u>Agent</u>	<u>Company</u>	<u>Division</u>	<u>Department</u>
	1425	3135	51756	All	All



Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

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

Karen W. Murphy
Attorney

**OCTOBER 26, 2020
BOARD OF DIRECTORS MEETING
AGENDA ITEM # 14**

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.

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

Agenda Item No. 14
Meeting of October 26, 2020
Page 2

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

	CIP Project	Planned Milestones	Status after 1st Quarter	Status after 2nd Quarter	Status after 3rd Quarter	Status after 4th Quarter
1	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.			
2	RCP Sewer Rehab (Irvington Basin)	<ol style="list-style-type: none"> 1. Complete predesign by March 2021. 2. Execute Task Order for design services by April 2021. 	Kickoff meeting for predesign was conducted in August. Consultant began review of CCTV of sewers.			
3	Cherry St. PS	<ol style="list-style-type: none"> 1. Complete PG&E application review and approval process for electrical service upgrade by December 2020. 2. Complete design for PS upgrade by March 2021. 3. Award construction contract for PS upgrade by June 2021. 	Design task order was negotiated with consultant. Design task order should be executed in October.			
4	Digester No. 1 Insp. and Rehab	<ol style="list-style-type: none"> 1. Complete condition assessment by April 2021. 2. Complete design by June 2021. 	RFPs for condition assessment and design services were issued. Consultant proposals are due in October.			
5	Digester No. 2 Insp. and Rehab.	Achieve Substantial Completion by November 2020.	Completed final effluent screen and secondary effluent pipeline repairs.			

Priority 1 CIP Projects for FY 21 – Status Report

	CIP Project	Planned Milestones	Status after 1st Quarter	Status after 2nd Quarter	Status after 3rd Quarter	Status after 4th Quarter
6	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.			
7	ETSU – Aeration Basin Modifications	Complete design by June 2021.	30% Design submittal received in September.			
8	ETSU – Aeration Basin No. 8	Complete design by June 2021.	30% Design submittal received in September.			
9	ETSU – Blower 7-10 Replacement	Complete design by June 2021.	30% Design submittal received in September.			
10	ETSU – Campus Buildings (Admin, FMC, Ops)	Complete 90% design by June 2021.	Preliminary Campus Building layout received in September.			
11	ETSU – Effluent Facilities	1. Complete 30% design by December 2020. 2. Begin final design by June 2021.	30% Design submittal received in September.			
12	ETSU – Secondary Clarifiers	1. Complete 30% design by December 31, 2020. 2. Begin final design by June 2021.	30% Design submittal received in September.			
13	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.			

Priority 1 CIP Projects for FY 21 – Status Report

	CIP Project	Planned Milestones	Status after 1st Quarter	Status after 2nd Quarter	Status after 3rd Quarter	Status after 4th Quarter
14	Headworks Screens Replacement	Achieve Substantial Completion by December 2020.	Completed installation and testing of three new mechanical screens.			
15	Standby Power Generation System Upgrade	<ol style="list-style-type: none"> 1. Award the Equipment Pre-selection supply contract by November 2020. 2. Complete design by April 2021. 3. Award construction contract by June 2021. 	Board rejected the bids received for the equipment pre-selection supply contract and authorized staff to negotiate with the apparent low bidder.			
16	WAS Thickeners	Complete design by June 2021.	Conducted design kickoff meeting in August. 50 percent design submittal is due in November.			
17	Wet Weather Flow Management – Calcium Thiosulfate Chemical Feed System	<ol style="list-style-type: none"> 1. Complete design by September 2020. 2. Award construction contract by December 2020. 	Design was completed and project was advertised for bids in September. Bid opening is scheduled in October.			

SUMMARY OF CIP PROJECTS FOR FY21

Type of Project	Number of Projects	Names of Projects
Administrative Facilities	One	1. ETSU - Campus Buildings (Admin, FMC, Ops)
Collection System	Four	1. Cast Iron/Pipe Lining 2. Central Avenue Sanitary Sewer Relocation 3. Gravity Sewer Rehab/Replacement 4. RCP Sewer Rehab (Irvington Basin)
Transport System	Six	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
Treatment System	Sixteen	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

Treatment System (continued)		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

**OCTOBER 26, 2020
BOARD OF DIRECTORS MEETING
AGENDA ITEM # 15**

TITLE: **First 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 first 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 this fiscal year, additional graphs showing the Enhanced Treatment and Site Upgrade (ETSU) project expenditures are added to the budget graphs.

The total CIP expenditures up to September 30, 2020, were over the projections for the first quarter by approximately \$307,000. The main projects that had significant variances from the projected expenditures are listed in the table below.

These primary variances are tabulated as follows:

Project	Approximate Variance at the end of 1st Quarter (x \$1000)	Comments
Headworks Screens Replacement	+307	Project was behind schedule last fiscal year and larger progress payments expected in in the fourth quarter of FY20 were made in the first quarter of FY21.
Total Variance for the 1st Qtr.	+307	

In addition to the one (1) project listed above, the following high-priority projects were either in design or in construction during FY21:

1. Central Avenue Sanitary Sewer Relocation
2. RCP Sewer Rehab (Irvington Basin)
3. Cherry St. PS Improvements
4. Digester No. 1 Inspection and Rehab
5. Digester No. 2 Inspection. and Rehab
6. Digester No. 7
7. ETSU – Aeration Basin Modifications
8. ETSU – Aeration Basin No. 8
9. ETSU – Blower 7-10 Replacement
10. ETSU – Campus Buildings (Admin, FMC, Ops)
11. ETSU – Effluent Facilities
12. ETSU – Secondary Clarifiers
13. Force Main Corrosion Repairs – Phase 3
14. Standby Power Generation System Upgrade
15. WAS Thickeners Improvements
16. Wet Weather Flow Management - Calcium Thiosulfate Chemical Feed System

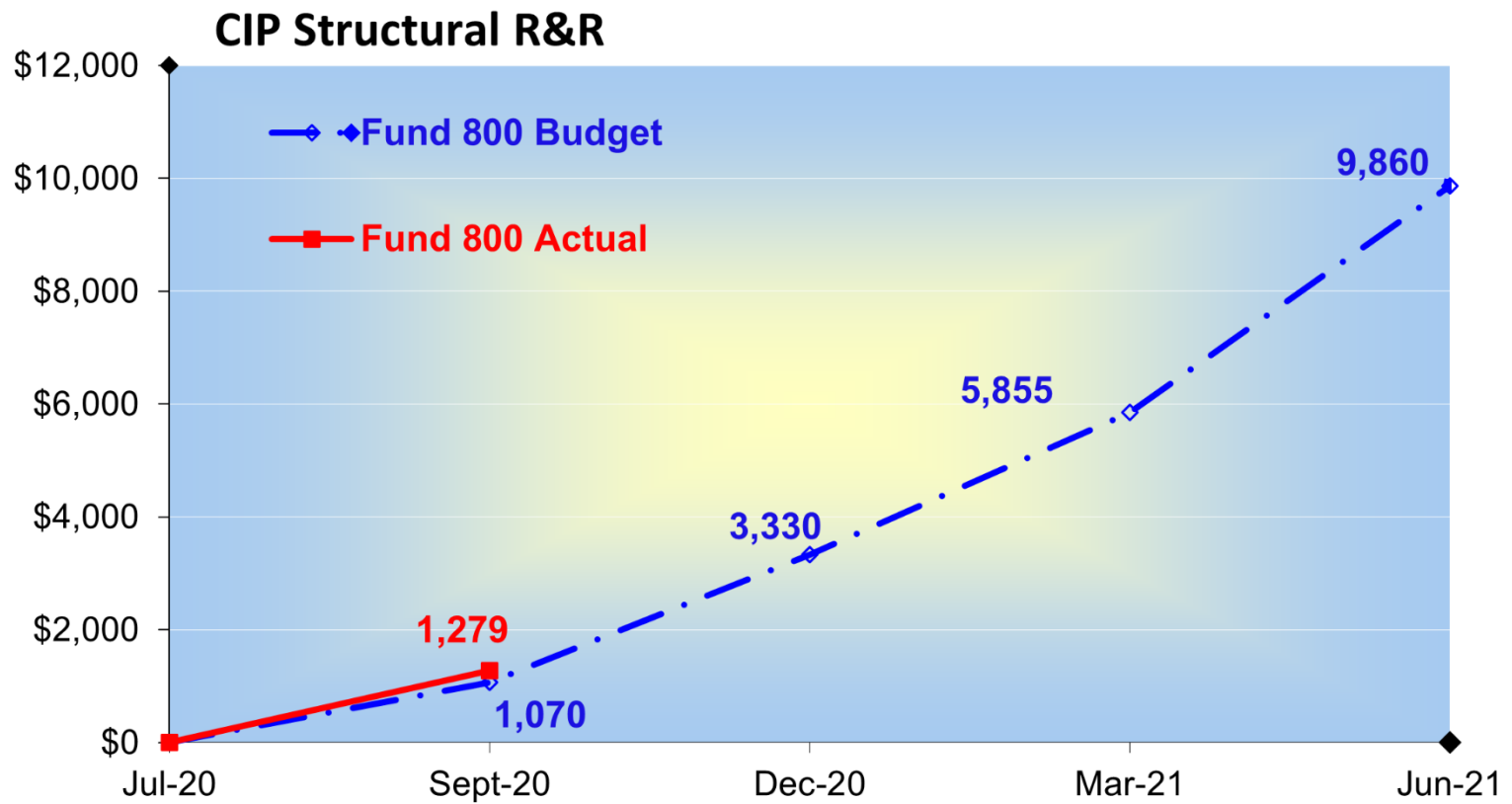
Also, there are ten (10) other smaller projects that were either in design or in construction during FY21.

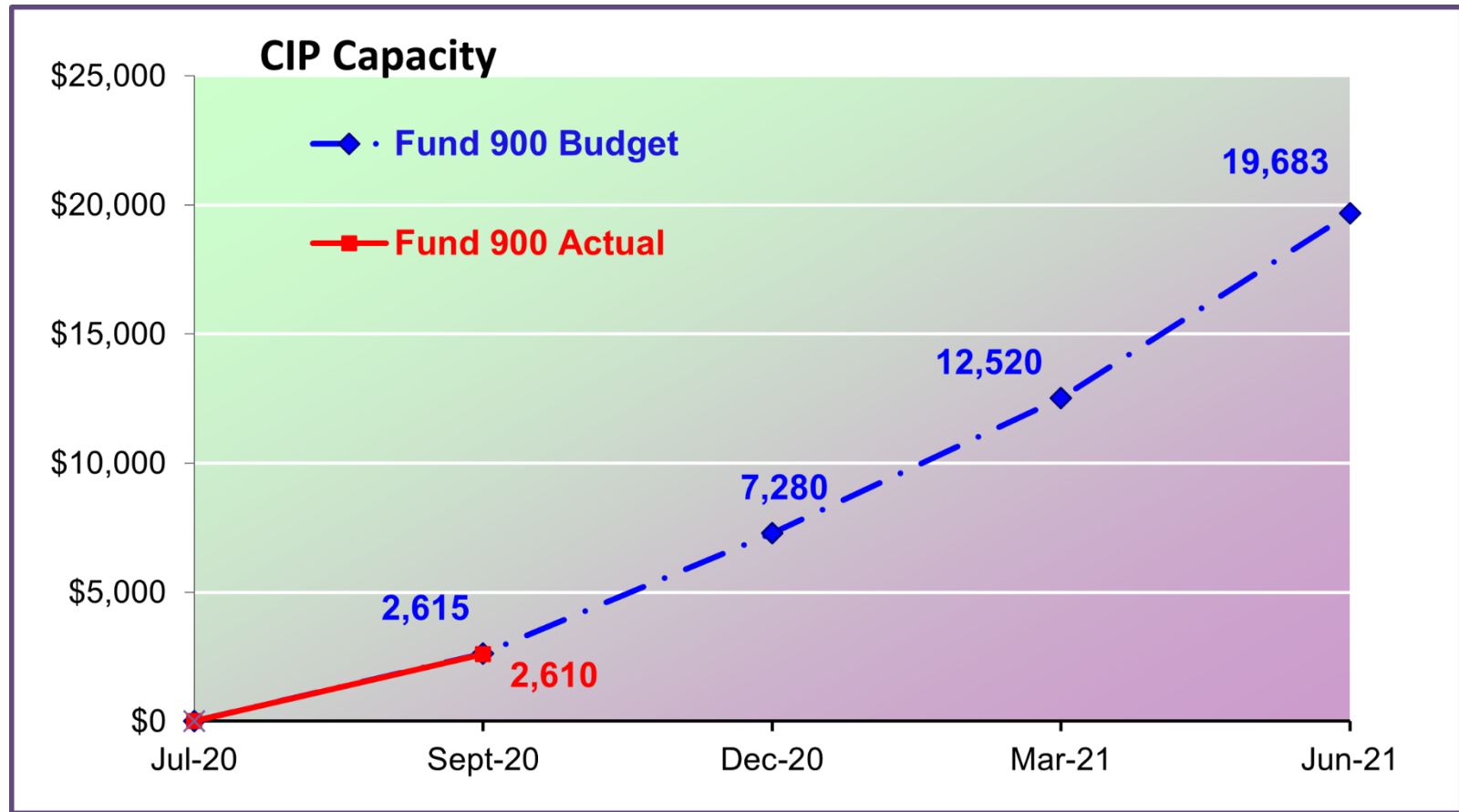
Previous Board Action

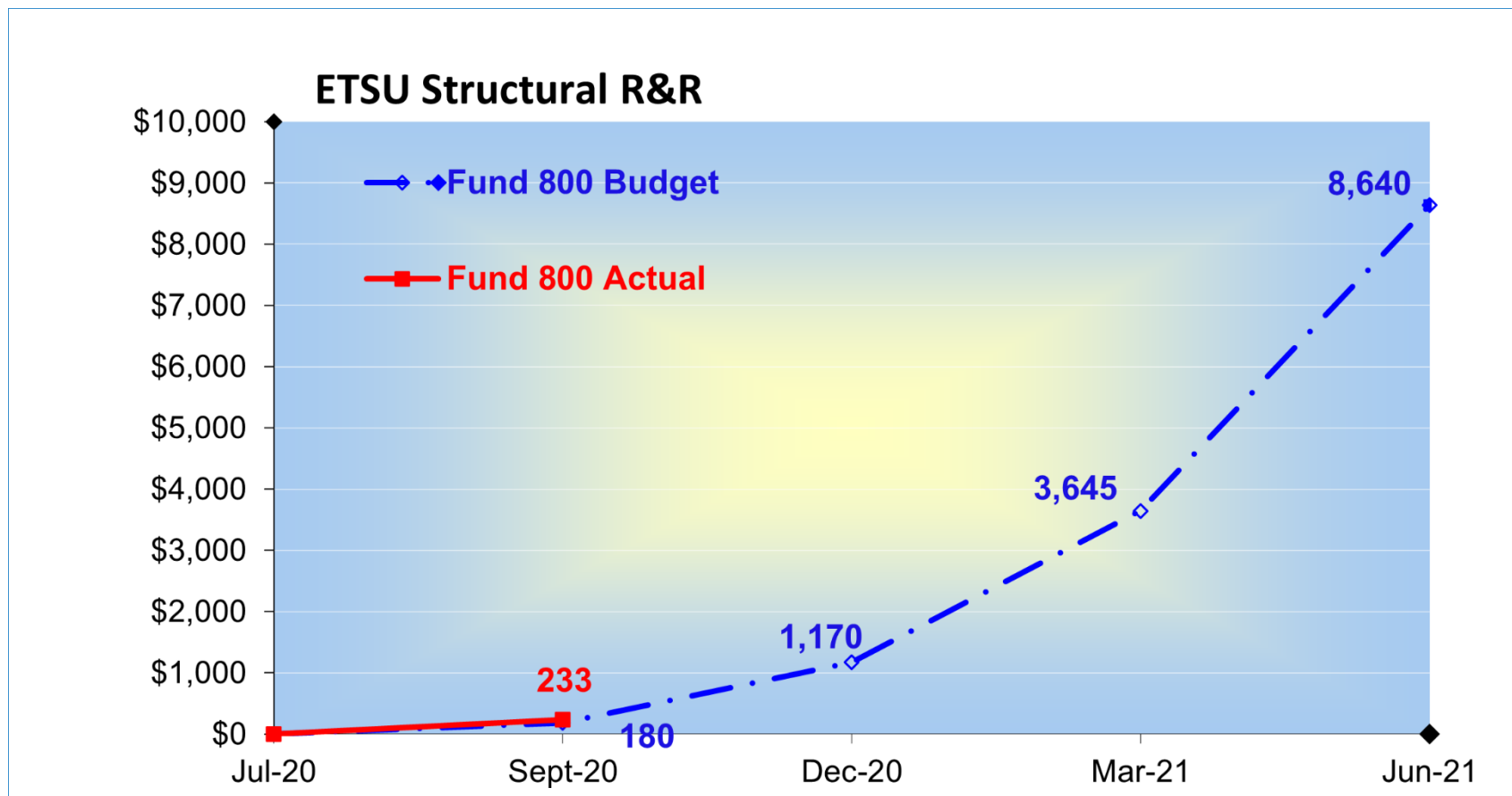
None.

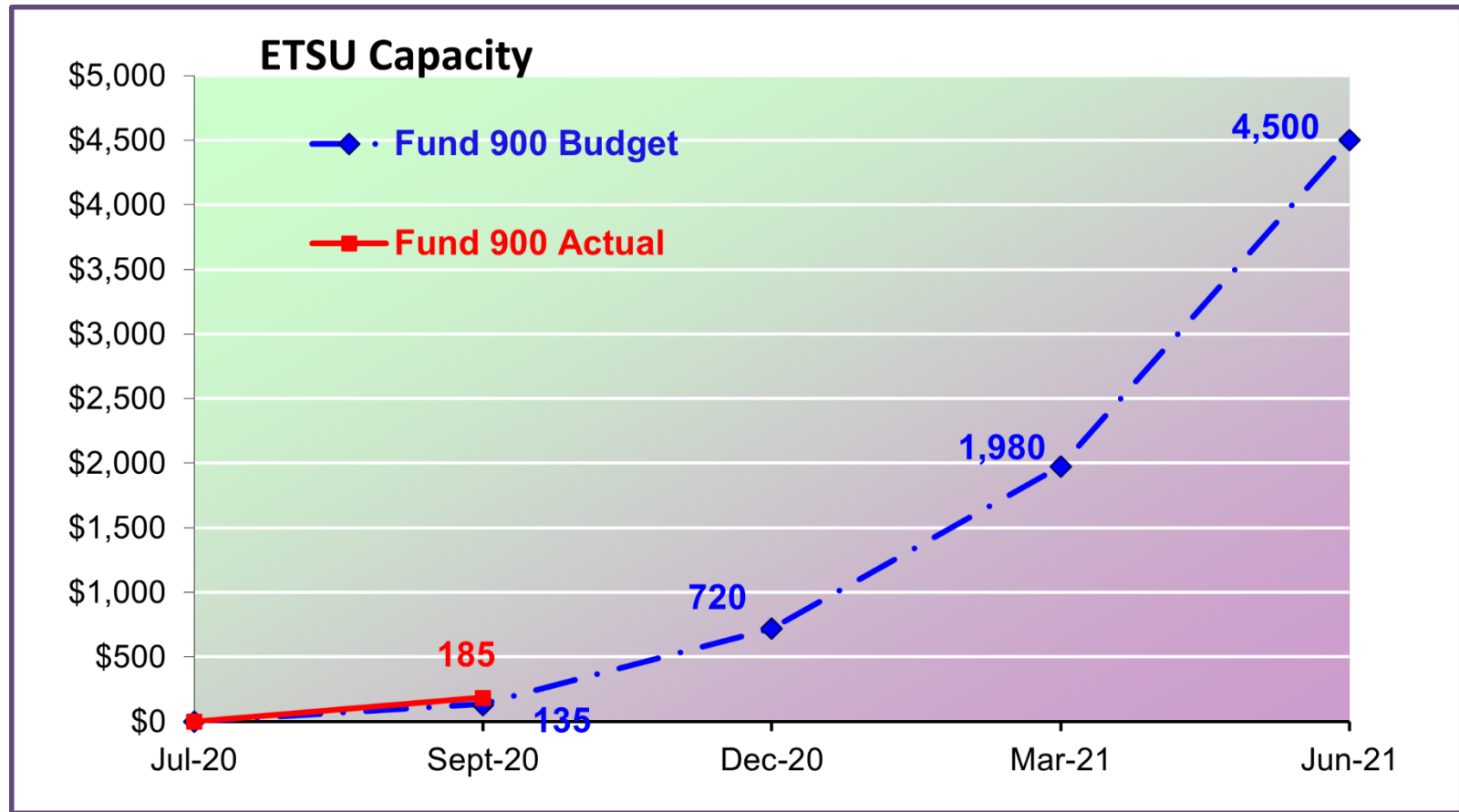
PRE/SEG:mb

Attachment: Budget Graphs

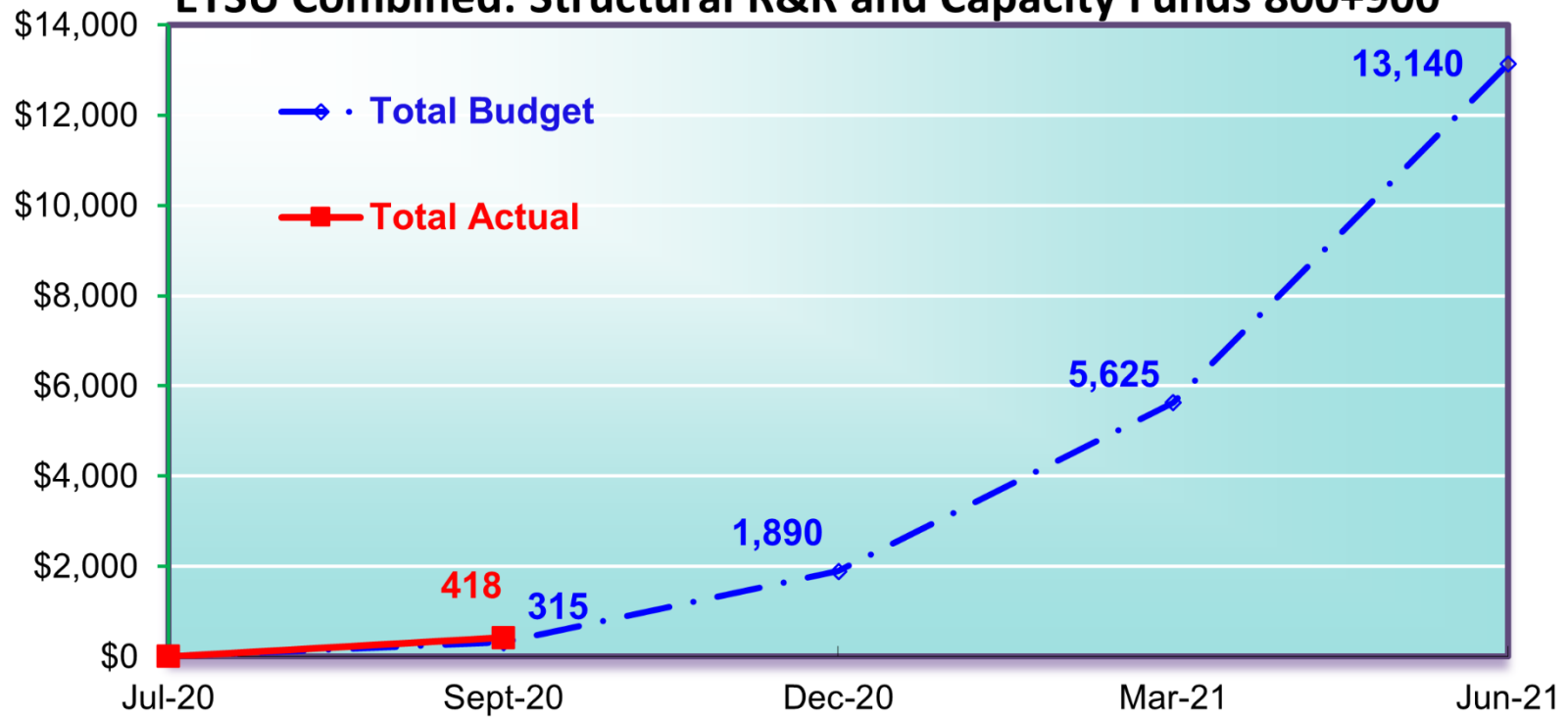




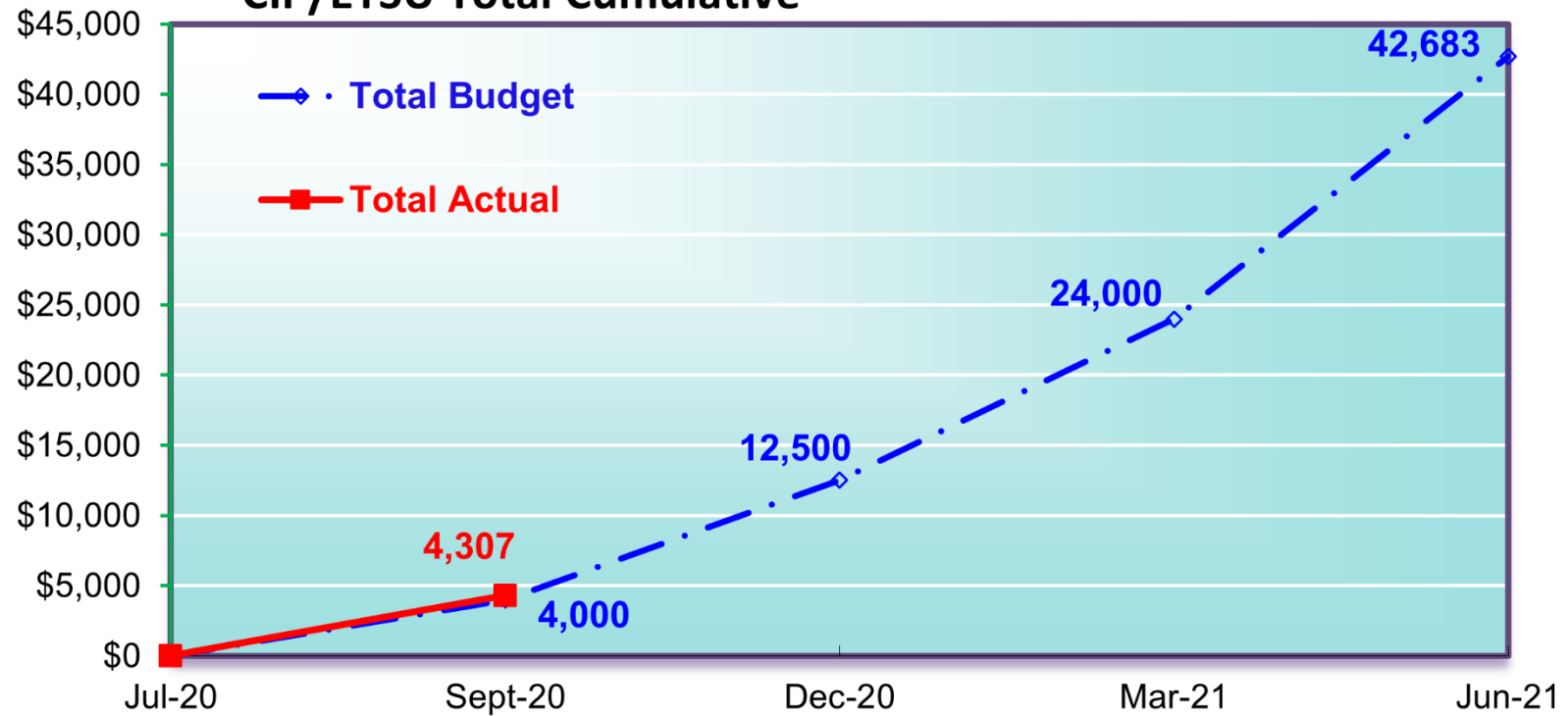




ETSU Combined: Structural R&R and Capacity Funds 800+900



CIP/ETSU Total Cumulative



**Directors**

Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

Officers

Paul R. Eldredge
*General Manager/
District Engineer*

Karen W. Murphy
Attorney

**OCTOBER 26, 2020
BOARD OF DIRECTORS MEETING
AGENDA ITEM # 16**

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

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

Recommendation

Information only.

Discussion

None.

Background

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

Previous Board Action

None.

**UNION SANITARY DISTRICT
CHECK REGISTER
10/03/2020-10/16/2020**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
175774	10/8/2020	143	200523	OVERAA	PRIMARY DIGESTER NO. 7	\$1,120,501.25	\$1,120,501.25
175811	10/15/2020	114	201180028	HAZEN AND SAWYER	MP - AERATION BASIN MODIFICATIONS	\$442,888.16	\$442,888.16
175765	10/8/2020	143	900502.5	KIEWIT INFRASTRUCTURE WEST CO	HEADWORKS SCREENS REPLACEMENT	\$383,714.23	\$383,714.23
175823	10/15/2020	110	892820201006	PACIFIC GAS AND ELECTRIC	SERV TO 09/29/20 HAYWARD MARSH	\$59.43	\$165,115.61
	10/15/2020	110	170120201006		SERV TO 09/20/2020 PLANT	\$164,407.90	
	10/15/2020	170	666720201006		SERV TO 09/29/2020 PASEO PADRE PS	\$390.09	
	10/15/2020	170	898220201006		SERV TO 09/29/20 FREMONT PS	\$258.19	
175784	10/8/2020	141	220227	TANNER PACIFIC INC	TWIN FORCE MAIN RELOCATION - PHASE 2	\$34,845.00	\$97,832.50
	10/8/2020	143	220225		ALVARADO INFLUENT PS PUMPS AND VFDS	\$47,170.00	
	10/8/2020	143	220226		PRIMARY DIGESTER NO. 2 REHABILITATION	\$15,817.50	
175759	10/8/2020	114	201180034	HAZEN AND SAWYER	CAMPUS BUILDINGS (ADMIN, FMC, OPS)	\$87,000.17	\$87,000.17
175775	10/8/2020	143	200523E	OVERAA	PRIMARY DIGESTER NO. 7 - ESCROW PYMT	\$58,973.75	\$58,973.75
175777	10/8/2020	110	1482298	POLYDYNE INC	45,340 LBS CLARIFLOC C-6267	\$50,472.23	\$56,270.84
	10/8/2020	110	1482512		42,540 LBS CLARIFLOC C-6267	\$5,798.61	
175833	10/15/2020		533620200922	US BANK CORP PAYMENT SYSTEM	MONTHLY CAL-CARD REPORT - SEPT 2020	\$25,899.09	\$25,899.09

**UNION SANITARY DISTRICT
CHECK REGISTER
10/03/2020-10/16/2020**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
175776	10/8/2020	170	761520200924	PACIFIC GAS AND ELECTRIC	SERV TO 09/23/20 NEWARK PS	\$24,885.90	\$25,792.12
	10/8/2020	170	380420200930		SERV TO 09/29/20 CHERRY ST PS	\$324.65	
	10/8/2020	170	096020200930		SERV TO 09/29/20 CATHODIC PROJECT	\$50.64	
	10/8/2020	110	224720200928		SERV TO 09/21/20 CS TRAINING TRAILER	\$530.93	
175766	10/8/2020	173	11656979	KRONOS INC	KRONOS ANNUAL SUPPORT	\$7,231.46	\$20,993.75
	10/8/2020	173	11656998		KRONOS CLOUD HOSTING FEE	\$13,762.29	
175817	10/15/2020	136	40037	LANCE, SOLL & LUNGHARD LLP	2020 GOVERNMENT AUDIT	\$20,750.00	\$20,750.00
175803	10/15/2020	143	11384214	BROWN & CALDWELL CONSULTANTS	EMERGENCY OUTFALL OUTLET IMPROVEMENTS	\$4,221.30	\$18,013.17
	10/15/2020	143	11384215		STANDBY POWER SYSTEM UPGRADE	\$13,791.87	
175749	10/8/2020	143	190800	CAROLLO ENGINEERS	PRIMARY DIGESTER NO. 2 REHABILITATION	\$2,809.78	\$17,766.74
	10/8/2020	143	190694		AERATION BLOWER 11 (HIGH SPEED)	\$2,866.50	
	10/8/2020	143	190949		ALVARADO INFLUENT PS PUMPS AND VFDS	\$4,870.50	
	10/8/2020	143	190692		WAS THICKENERS	\$7,219.96	
175739	10/8/2020	110	4071037120200921	ALAMEDA COUNTY WATER DISTRICT	SERV TO: 09/17/20-BENSON ROAD	\$605.29	\$14,007.56
	10/8/2020	110	4071036120200921		SERV TO: 09/17/20-BENSON ROAD	\$13,303.28	
	10/8/2020	110	4071038120200921		SERV TO: 09/17/20-BENSON ROAD	\$98.99	

**UNION SANITARY DISTRICT
CHECK REGISTER
10/03/2020-10/16/2020**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
175785	10/8/2020	110	48740270	UNIVAR SOLUTIONS USA INC	4609.2 GALS SODIUM HYPOCHLORITE	\$3,329.58	\$13,948.53
	10/8/2020	110	48738521		4900 GALS SODIUM HYPOCHLORITE	\$3,539.65	
	10/8/2020	110	48740269		4900 GALS SODIUM HYPOCHLORITE	\$3,539.65	
	10/8/2020	110	48734677		4900 GALS SODIUM HYPOCHLORITE	\$3,539.65	
175831	10/15/2020	110	48742787	UNIVAR SOLUTIONS USA INC	4923.3 GALS SODIUM HYPOCHLORITE	\$3,556.48	\$10,637.59
	10/15/2020	110	48746510		4902.5 GALS SODIUM HYPOCHLORITE	\$3,541.46	
	10/15/2020	110	48748987		4900 GALS SODIUM HYPOCHLORITE	\$3,539.65	
175836	10/15/2020	170	4176771	WESTERN ENERGY SYSTEMS	SERVICE: TROUBLESHOOT GENERATOR FAIL	\$10,454.77	\$10,454.77
175761	10/8/2020	121	2016042559	ICONIX WATERWORKS INC	40 MANHOLE FRAMES & COVERS	\$9,996.03	\$9,996.03
175801	10/15/2020	143	92063	BEECHER ENGINEERING	STANDBY POWER UPGRADES	\$200.00	\$9,240.00
	10/15/2020	170	92064		ARC FLASH STUDY	\$9,040.00	
175767	10/8/2020		37432220201001	LINCOLN NATIONAL LIFE INS COMP	LIFE & DISABILITY INSURANCE - OCT 2020	\$9,203.67	\$9,203.67
175762	10/8/2020	143	2421	IEM POWER SYSTEMS	SERVICE: MVSA SWITCHGEAR & ENGINEERING SUPPORT	\$1,800.00	\$8,280.00
	10/8/2020	143	2420		SERVICE: MVSA SWITCHGEAR & ENGINEERING SUPPORT	\$6,480.00	
175779	10/8/2020	170	41399	R & S ERECTION OF S ALAMEDA	SERVICE: ROLL UP DOOR BLDG 68	\$8,010.00	\$8,010.00
175816	10/15/2020	110	9017687547	KEMIRA WATER SOLUTIONS INC	48,240 LBS FERROUS CHLORIDE	\$6,941.67	\$6,941.67
175764	10/8/2020	110	9017686893	KEMIRA WATER SOLUTIONS INC	48,980 LBS FERROUS CHLORIDE	\$6,850.57	\$6,850.57

**UNION SANITARY DISTRICT
CHECK REGISTER
10/03/2020-10/16/2020**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
175754	10/8/2020	170	9636315252	GRAINGER INC	ASTD PARTS & MATERIALS	\$86.05	\$6,487.01
	10/8/2020	132	9637285314		50 N95 MASKS	\$5,993.45	
	10/8/2020	111	9636731086		ASTD PARTS & MATERIALS	\$103.92	
	10/8/2020		9642347224		ASTD PARTS & MATERIALS	\$287.15	
	10/8/2020	170	9636315260		ASTD PARTS & MATERIALS	\$16.44	
175837	10/15/2020	143	181083	WOODARD & CURRAN INC	HEADWORKS SCREENS REPLACEMENT	\$5,709.50	\$5,709.50
175798	10/15/2020	143	7131	BAY AREA COATING CONSULTANT	COATINGS INSPECTION - ALVARADO INFLUENT PS PUMPS AND VFDS	\$5,603.25	\$5,603.25
175809	10/15/2020		10005	GORDON PRILL INC	REFUND # 29130	\$5,510.00	\$5,510.00
175793	10/15/2020	120	4110552220201001	ALAMEDA COUNTY WATER DISTRICT	SERV TO: 09/30/20-MTR HYD B29389779	\$547.39	\$5,483.61
	10/15/2020	120	4110541120201001		SERV TO: 09/30/20-MTR HYD B34041338	\$547.39	
	10/15/2020	120	4110552320201001		SERV TO: 09/30/20-MTR HYD B32896066	\$547.39	
	10/15/2020	120	4110540720201001		SERV TO: 09/30/20-MTR HYD B16484398	\$570.37	
	10/15/2020	120	4110541620201001		SERV TO: 09/30/20-MTR HYD B15001102	\$570.37	
	10/15/2020	170	4047286120201002		SERV TO: 10/01/20 - PASEO PADRE	\$56.61	
	10/15/2020	120	4110541020201001		SERV TO: 09/30/20-MTR HYD B15000284	\$547.39	
	10/15/2020	120	4110541320201001		SERV TO: 09/30/20-MTR HYD B16435275	\$841.53	
	10/15/2020	120	4110540920201001		SERV TO: 09/30/20-MTR HYD B14830349	\$1,255.17	

**UNION SANITARY DISTRICT
CHECK REGISTER
10/03/2020-10/16/2020**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
175818	10/15/2020	113	2009627	MCCAMPBELL ANALYTICAL	LAB SAMPLE ANALYSIS	\$2,220.00	\$5,061.00
	10/15/2020	113	2009836		LAB SAMPLE ANALYSIS	\$1,965.00	
	10/15/2020	113	2009A16		LAB SAMPLE ANALYSIS	\$102.00	
	10/15/2020	113	2009832		LAB SAMPLE ANALYSIS	\$774.00	
175738	10/8/2020	143	2000408489	AECOM TECHNICAL SERVICES INC	CENTRIFUGE BUILDING IMPROVEMENTS	\$5,009.69	\$5,009.69
175826	10/15/2020	122	41472	R & S ERECTION OF S ALAMEDA	SERVICE: ROLL UP DOOR REPAIR	\$295.00	\$4,124.00
	10/15/2020	170	41479		SERVICE: ROLL UP DOOR REPAIR	\$295.00	
	10/15/2020	170	41522		SERVICE: ROLL UP DOOR REPAIR	\$3,534.00	
175796	10/15/2020		15356103	AT&T	SERV: 08/20/20 - 09/19/20	\$21.81	\$3,944.92
	10/15/2020		15356105		SERV: 08/20/20 - 09/19/20	\$3,699.16	
	10/15/2020		15356127		SERV: 08/20/20 - 09/19/20	\$223.95	
175787	10/8/2020	170	30166	VALLEY OIL COMPANY	8 DIESEL FUEL TANK TESTING	\$3,800.00	\$3,800.00
175822	10/15/2020	141	920000281	NBS	SEWER SERVICE CHARGE DATA SERV OCT - DEC 2020	\$3,311.55	\$3,311.55
175824	10/15/2020		20201015	JOHN POWELL	COMPUTER NOTE	\$3,300.00	\$3,300.00
175782	10/8/2020	110	20091407	S&S TRUCKING	GRIT HAULING 09/03/2020	\$854.61	\$3,217.96
	10/8/2020	110	20091614		GRIT HAULING 09/08 & 09/10/2020	\$1,542.56	
	10/8/2020	110	20091406		GRIT HAULING 08/31/2020	\$820.79	
175799	10/15/2020	122	19979	BAYSCAPE LANDSCAPE MANAGEMENT	LANDSCAPE MAINTENANCE SERVICES - SEP 2020	\$3,215.00	\$3,215.00
175788	10/8/2020		9863274225	VERIZON WIRELESS	WIRELESS SERV & TABLETS 08/21/20-09/20/20	\$3,206.55	\$3,206.55

**UNION SANITARY DISTRICT
CHECK REGISTER
10/03/2020-10/16/2020**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
175805	10/15/2020	173	10422618257	DELL MARKETING LP C/O DELL USA	8 SINGLE MODE ADAPTERS	\$3,125.86	\$3,125.86
175830	10/15/2020		731447478902	STAPLES CONTRACT & COMMERCIAL	JANITORIAL & BREAKROOM SUPPLIES	\$83.39	\$2,792.65
	10/15/2020		731312413301		JANITORIAL & BREAKROOM SUPPLIES	\$163.47	
	10/15/2020		731447478901		JANITORIAL & BREAKROOM SUPPLIES	\$965.93	
	10/15/2020		731389313001		JANITORIAL & BREAKROOM SUPPLIES	\$82.89	
	10/15/2020		731255849202		JANITORIAL & BREAKROOM SUPPLIES	\$15.56	
	10/15/2020		731332541901		JANITORIAL & BREAKROOM SUPPLIES	\$536.75	
	10/15/2020		731255849201		JANITORIAL & BREAKROOM SUPPLIES	\$441.83	
	10/15/2020		731160500802		JANITORIAL & BREAKROOM SUPPLIES	\$419.44	
	10/15/2020		731312413302		JANITORIAL & BREAKROOM SUPPLIES	\$83.39	
175781	10/8/2020	120	916004328686	REPUBLIC SERVICES #916	RECYCLE & ROLL OFF - OCT 2020	\$2,759.89	\$2,759.89
175735	10/8/2020		69373	3T EQUIPMENT COMPANY INC	PATCH KITS	\$2,752.61	\$2,752.61
175790	10/8/2020	121	46369	WECO INDUSTRIES LLC	TRANSPORTER REPAIR	\$729.36	\$2,612.27
	10/8/2020	121	46368		TRANSPORTER REPAIR	\$1,882.91	
175815	10/15/2020	170	2002528	JENSEN INSTRUMENT COMPANY	1 DIGESTER MAGFLOW METER	\$2,548.26	\$2,548.26
175746	10/8/2020		104905	BRUCE BARTON PUMP SERVICE INC	2 SUMP PUMPS	\$2,412.31	\$2,412.31
175737	10/8/2020	143	21551422	ABC IMAGING, INC	CENTRIFUGE BUILDING IMPROVEMENTS	\$483.18	\$2,409.90
	10/8/2020	143	21552770		CAST IRON/PIPE LINING - PHASE VIII	\$985.61	
	10/8/2020	143	21552769		CALCIUM THIOSULFATE CHEMICAL TANK	\$941.11	

**UNION SANITARY DISTRICT
CHECK REGISTER
10/03/2020-10/16/2020**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
175773	10/8/2020	170	130707	NEW IMAGE LANDSCAPING CO	LANDSCAPE MAINTENANCE - FMC - SEPT 2020	\$2,385.68	\$2,385.68
175756	10/8/2020	173	12107507	HACH COMPANY	LIMS INTERFACE SETUP & INSTALLATION	\$2,265.00	\$2,265.00
175769	10/8/2020	113	2009255	MCCAMPBELL ANALYTICAL	LAB SAMPLE ANALYSIS	\$2,081.00	\$2,081.00
175747	10/8/2020	113	614013	CALTEST ANALYTICAL LABORATORY	7 LAB SAMPLE ANALYSIS	\$321.10	\$1,854.95
	10/8/2020	113	614033		13 LAB SAMPLE ANALYSIS	\$899.75	
	10/8/2020	113	613998		9 LAB SAMPLE ANALYSIS	\$416.79	
	10/8/2020	113	613965		1 LAB SAMPLE ANALYSIS	\$46.31	
	10/8/2020	113	614030		2 LAB SAMPLE ANALYSIS	\$171.00	
175806	10/15/2020		6355	ENERGY CHOICE INC	ASTD COGEN PARTS	\$1,723.95	\$1,723.95
175810	10/15/2020		9639653113	GRAINGER INC	ASTD PARTS & MATERIALS	\$1,347.62	\$1,652.53
	10/15/2020		9645267031		ASTD PARTS & MATERIALS	\$171.93	
	10/15/2020	170	9644806912		ASTD PARTS & MATERIALS	\$132.98	
175827	10/15/2020	110	20092424	S&S TRUCKING	GRIT HAULING 09/14 & 09/17/2020	\$1,519.81	\$1,519.81
175820	10/15/2020	170	2084274	MOBILE MODULAR MANAGEMENT CORP	FMC TRAILER RENTAL - OCT 2020	\$1,245.43	\$1,245.43
175771	10/8/2020		24091923	MOTION INDUSTRIES INC	2 BELTS	\$22.92	\$1,233.44
	10/8/2020		24091966		12 AIR FILTERS	\$1,210.52	
175791	10/8/2020	143	180656	WOODARD & CURRAN INC	IRVINGTON BASIN MASTER PLAN UPDATE	\$1,202.25	\$1,202.25
175825	10/15/2020	170	32859	PROTECTION ENGINEERING	55 GAL DRUM SOLVENT MEK	\$1,185.90	\$1,185.90
175736	10/8/2020	111	91566074	AAF INTERNATIONAL	8 BIOCEL FILTERS	\$1,017.62	\$1,017.62

**UNION SANITARY DISTRICT
CHECK REGISTER
10/03/2020-10/16/2020**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
175795	10/15/2020	170	733908	A-PRO PEST CONTROL INC	SEPTEMBER PEST CONTROL	\$1,005.00	\$1,005.00
175828	10/15/2020	120	16395	SMARTCOVER SYSTEMS	SMARTLEVEL RENEWAL 11/2020 - 10/2021	\$962.00	\$962.00
175750	10/8/2020	170	904605484	EVOQUA WATER TECHNOLOGIES	DI WATER SYSTEM	\$619.81	\$941.80
	10/8/2020	170	904607062		DI WATER SYSTEM	\$321.99	
175744	10/8/2020	136	2522319423	BANK OF NEW YORK	AUG 2020 SERVICE FEES	\$920.97	\$920.97
175797	10/15/2020		9656386509	AT&T	SERV: 07/11/20 - 08/10/20	\$882.85	\$882.85
175792	10/15/2020	170	9105462282	AIRGAS NCN	4 CY ARGON	\$829.42	\$829.42
175751	10/8/2020	113	8267949	FISHER SCIENTIFIC	LAB SUPPLIES	\$743.60	\$743.60
175748	10/8/2020	170	21788588	CARBOLINE COMPANY	PAINT & RELATED PAINT SUPPLIES	\$730.95	\$730.95
175757	10/8/2020	123	2166115	HANSON AGGREGATES INC	7.99 TONS 1/2 MAX HMA TYPE A-R	\$665.33	\$665.33
175741	10/8/2020		1102418429	AMERIPRIDE SERVICES INC	ASTD DUST MOPS, WET MOPS & TERRY TOWEL	\$47.32	\$655.56
	10/8/2020		1102418409		UNIFORM LAUNDERING SERVICE	\$117.38	
	10/8/2020		1102418400		UNIFORM LAUNDERING & RUGS	\$490.86	
175819	10/15/2020	170	45806646	MCMASTER SUPPLY INC	ASTD PARTS & MATERIALS	\$258.88	\$645.71
	10/15/2020	170	46058315		ASTD PARTS & MATERIALS	\$81.14	
	10/15/2020		46593589		ASTD PARTS & MATERIALS	\$305.69	
175794	10/15/2020		1102421704	AMERIPRIDE SERVICES INC	UNIFORM LAUNDERING & RUGS	\$274.86	\$642.67
	10/15/2020		1102421716		UNIFORM LAUNDERING SERVICE	\$367.81	
175755	10/8/2020	123	1882531	GRANITE CONSTRUCTION COMPANY	6.05 TONS 1/2"WMA64-10R15LAS	\$540.75	\$540.75

**UNION SANITARY DISTRICT
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10/03/2020-10/16/2020**


Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
175807	10/15/2020		18848	HENRY FENG	REFUND # 29127	\$500.00	\$500.00
175778	10/8/2020	170	23577	PRIME MECHANICAL SERVICE INC	SERVICE CALL: BLDG 77	\$415.00	\$415.00
175740	10/8/2020	170	36857	ALLIED FLUID PRODUCTS CORP	ASTD PARTS & MATERIALS	\$406.19	\$406.19
175743	10/8/2020	170	438428	AUTO BODY TOOLMART	ASTD PARTS & MATERIALS	\$400.62	\$400.62
175835	10/15/2020		8802321907	VWR INTERNATIONAL LLC	LAB SUPPLIES	\$385.69	\$385.69
175789	10/8/2020	113	8802252433	VWR INTERNATIONAL LLC	LAB SUPPLIES	\$73.58	\$343.64
	10/8/2020	113	8802290198		LAB SUPPLIES	\$127.13	
	10/8/2020	113	8802281856		LAB SUPPLIES	\$142.93	
175753	10/8/2020	120	1841092321	GOODYEAR COMM TIRE & SERV CTRS	DISPOSAL OF 42 TIRES	\$321.00	\$321.00
175814	10/15/2020	173	202193054	IRON MOUNTAIN	DATA/MEDIA OFF-SITE STORAGE - AUG 2020	\$303.10	\$303.10
175808	10/15/2020	132	116533489	FREMONT URGENT CARE CENTER	4 DOT PHYSICALS	\$252.00	\$252.00
175763	10/8/2020	173	6042210	INTRADO LIFE & SAFETY INC	E911 CLOUD SERVICE	\$250.00	\$250.00
175821	10/15/2020	122	217300	NAYLOR STEEL INC	ASTD METAL, STEEL, STAINLESS & ALUMINUM	\$220.78	\$220.78
175768	10/8/2020		4918773	MALLORY SAFETY AND SUPPLY LLC	ASTD CAL GAS	\$215.17	\$215.17
175758	10/8/2020		3P1510	HARRINGTON INDUSTRIAL PLASTICS	ASTD PVC PARTS & MATERIALS	\$136.31	\$211.81
	10/8/2020	170	3P1511		ASTD PVC PARTS & MATERIALS	\$75.50	
175800	10/15/2020	123	23796500	BECK'S SHOES	SAFETY SHOES: F. COUTO	\$176.43	\$176.43
175812	10/15/2020	122	604049843	HILLYARD/SAN FRANCISCO	ASST JANITORIAL SUPPLIES	\$164.63	\$164.63
175752	10/8/2020	136	20201002	GFOA-GOV FIN OFFICERS ASSOC	MEMBERSHIP RENEWAL - L. MORENO	\$150.00	\$150.00

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Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
175829	10/15/2020	141	20200930	SPOK INC	OCTOBER 2020 PAGER SERVICE	\$133.62	\$133.62
175770	10/8/2020		46431518	MCMASTER SUPPLY INC	ASTD PARTS & MATERIALS	\$109.57	\$127.89
	10/8/2020	170	45471166		ASTD PARTS & MATERIALS	\$18.32	
175742	10/8/2020	170	734140	A-PRO PEST CONTROL INC	PEST CONTROL - RODENTS BLDG 66	\$120.00	\$120.00
175745	10/8/2020	110	15498230	BLAISDELL'S	ASTD OFFICE SUPPLIES	\$119.36	\$119.36
175786	10/8/2020	136	98XW53370	UPS - UNITED PARCEL SERVICE	SHIPPING CHARGES W/E 09/12/20	\$117.22	\$117.22
175780	10/8/2020		108482	REMOTE SATELLITE SYSTEMS INT'L	IRIDIUM SVC FEE OCT 2020	\$112.00	\$112.00
175783	10/8/2020	111	20201006	SWRCB - STATE WATER RESOURCES	GRADE V OPERATOR CERTIFICATE RENEWAL - K. VONG	\$110.00	\$110.00
175802	10/15/2020	130	15529230	BLAISDELL'S	ASTD OFFICE SUPPLIES	\$19.51	\$102.26
	10/15/2020	110	15519480		ASTD OFFICE SUPPLIES	\$82.75	
175813	10/15/2020	170	768520200927	HOME DEPOT CREDIT SERVICES	MONTHLY HARDWARE STMT - SEP 2020	\$93.80	\$93.80
175834	10/15/2020		50576	VALLEY OIL COMPANY	20 TUBES GREASE	\$88.90	\$88.90
175804	10/15/2020	113	614194	CALTEST ANALYTICAL LABORATORY	2 LAB SAMPLE ANALYSIS	\$83.60	\$83.60
175832	10/15/2020	136	98XW53380	UPS - UNITED PARCEL SERVICE	SHIPPING CHARGES W/E 09/19/20	\$76.06	\$76.06
175760	10/8/2020	123	551514	HULBERT LUMBER SUPPLY	ASTD LUMBER SUPPLIES	\$50.63	\$56.84
	10/8/2020	123	551235		ASTD LUMBER SUPPLIES	\$6.21	
175772	10/8/2020	123	217158	NAYLOR STEEL INC	ASTD METAL, STEEL, STAINLESS & ALUMINUM	\$10.98	\$45.44
	10/8/2020	123	217142		ASTD METAL, STEEL, STAINLESS & ALUMINUM	\$34.46	

**UNION SANITARY DISTRICT
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10/03/2020-10/16/2020**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
Invoices:					Checks:		
Credit Memos :			0				
\$0 - \$1,000 :			105	34,006.72	\$0 - \$1,000 :	42	15,264.66
\$1,000 - \$10,000 :			56	210,472.67	\$1,000 - \$10,000 :	43	167,292.29
\$10,000 - \$100,000 :			13	417,125.85	\$10,000 - \$100,000 :	14	478,340.58
Over \$100,000 :			4	2,111,511.54	Over \$100,000 :	4	2,112,219.25
Total:			178	2,773,116.78	Total:	103	2,773,116.78



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Union Sanitary District
wins national awards

SUBMITTED BY MICHELLE POWELL

The National Association of Clean Water Agencies (NACWA) recognized Union Sanitary District (USD) with two awards for its accomplishments in 2019.

The district won “Peak Performance” Platinum Award for achieving 11 years of 100 percent compliance with its regulatory permit requirements. These permit conditions are in place to protect the water quality of San Francisco Bay. USD has been recognized by NACWA for 27 consecutive years since this award program began in 1993.

Additionally, the district received the Excellence in Management Silver Recognition honor. NACWA’s congratulatory letter noted USD’s “

commitment to sustainable and successful programs that exemplify the attributes of an effectively managed utility.” The district’s strategic planning, financial management, infrastructure performance, employee development, and operational optimization efforts were some of the many considerations leading to USD’s receipt of the Silver Recognition.

“These honors reflect the commitment and hard work of the entire district staff,” said general manager Paul Eldredge. “USD is proud that our dedicated employees work collaboratively every day to provide the highest level of service to customers and protection of the environment. They are the reason for our success.”

LETTER TO THE EDITOR


Kitten Fosters
Needed!

Hello,

This is Henry W. We have four foster kitties in our house. They are very soft and cozy. Sometimes I dream that I am a kitty cat and I can sleep with them. Every time I pick up Margaret Hamilton she snuggles and cozies up to me. The kittens’ names are Hoppy, Poppy, Mae Jemison, and Margaret Hamilton. You spell Hoppy like this H-O-P-P-Y.

We foster them. That means we love them until they get big and go to their real home. We love them, feed them, and give them water, and Daddy scoops their poops. I play with them to make them happy and they love toys. You can foster cozy kitties!

Seriously,
Henry W (age 5)




A note from Henry’s Mom:

We are Kitten Fosters through Ohlone Humane Society (<https://ohlonehumaneociety.org/>). They are in desperate need of more fosters! Last year they placed 50 kittens. This year they have already hit 260 kittens. This is mainly due to Veterinarians and Shelters being closed at the beginning of Shelter in Place and not doing Spay/Neuter surgeries, so the feral kitten population has exploded.

You can learn more about fostering kitties here: <https://ohlonehumaneociety.org/fostering-adoption/> Sign up to be a kitten foster by emailing fosters@ohlonehumaneociety.org.

Allison & Henry W



Retirement
Doesn't Mean Inactive

SONS IN RETIREMENT (Tri-cities area) a.k.a.
SIR Social Activities for Men

The Fremont/Newark/Union City Branch 59 of SIR holds monthly luncheon meetings featuring guest speakers with a variety of different topics. We are 160 strong and welcome any gent that wants to join us. For the duration of the coronavirus pandemic, we are meeting by Zoom from our own dwellings. We have no political agenda, do not collect money for any cause nor have any other purpose other than to enjoy each other and provide many activities to brighten up our life and yours. Dues? None.

Take a look at us and what we do without even leaving your home! Next Zoom meeting is on October 21 at 1:00pm. The guest speaker is Jane Carr from the Fremont Main Library.

Activities run the gamut from golf, bowling, computer, wine tasting, bridge, bocce, couples dining out, and more when the safety issues are resolved. When we meet again at the Elks Lodge in Fremont, you can browse our extensive library of books, sign up for activities, or just shoot the breeze with new and then older friends as you continue with SIRS.

You may call Sir Jim Ulam at (510) 797-9357 for details as to how to attend the Zoom meeting. Our website is www.sirbranch59.org. Email to sirbranch59@gmail.com. **We are waiting to hear from you.**

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* Tourette syndrome

* Allergies

* Pain management

* High blood Pressure

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* Facial Palsy

* TMJ syndrome

* Alzheimer's disease

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Marin health officials use sewer water to trace virus spread

By [MATTHEW PERA](#) | mpera@marinij.com |

PUBLISHED: October 14, 2020 at 6:05 p.m. | UPDATED: October 15, 2020 at 7:38 a.m.



Chemist Mark Koekemoer, a regulatory compliance manager with the Central Marin Sanitation Agency collects wastewater sample as Jason Dow, general manager for the Central Marin Sanitation Agency, looks on from behind at the Railroad Pump Station in San Rafael on Wednesday, Oct. 14, 2020. The samples are then sent to a lab at UC Berkeley to test for the presence of COVID-19 particles. (Sherry LaVars/Marin Independent Journal)

What goes in must come out, and if it's the coronavirus coming out, Marin County health officials are aiming to find it in the sewer.

Through a partnership with Marin's sewage collection agencies and a team of researchers at the University of California, Berkeley, the county has launched a new wastewater surveillance program that detects the presence of the coronavirus in fecal particles.

The program is intended to provide early warning signs for COVID-19 outbreaks in the county, said Dr. Matt Willis, Marin's public health officer.

"When someone is infected with COVID-19, in addition to the usual respiratory symptoms, the virus also travels into our gastrointestinal tract and some amount ends up passing into the toilet," Willis said.

As a result, he said, "We can test water supplies to see how much virus is present in whole communities based on virus levels in sewage."

Six sewage agencies in Marin are participating in the program. Collectively, they are sampling wastewater from 11 locations, including Marin City, Sausalito, Mill Valley, the Tiburon Peninsula, the Ross Valley, Novato and San Rafael.

The samples are collected by staff at each sewage agency twice per week and are shipped in test tubes to a research lab at the Berkeley Water Center, which is spearheading the program. Scientists analyze the samples to determine the number of coronavirus particles they contain, and then provide the data to public health officials.



Chemist Mark Koekemoer, a regulatory compliance manager with the Central Marin Sanitation Agency, left, and Jason Dow, general manager for the Central Marin Sanitation Agency, head out of the Railroad Pump Station with wastewater samples that will be sent to a lab at UC Berkeley to test for the presence of COVID-19 particles in the wastewater in San Rafael on Wednesday, Oct. 14, 2020. (Sherry LaVars/Marin Independent Journal)

Although the data don't tell health officials who is infected, they can provide an overview of how widespread the virus is within a community, said Sasha Harris-Lovett, a post-doctoral fellow at the center.

"It's not biased by who gets tested or who has access to medical care, it's really everybody who uses the toilet," Lovett said. "So these data can provide an early warning for surges or trends."

The program is funded in part by a private grant from an anonymous donor, according to Lovett. In addition to Marin, Contra Costa, San Francisco and Alameda counties are also participating in the program.

Sewage agencies regularly sample the wastewater that flows into their treatment plants using automated machines. The machines collect small amounts of water about every 15 minutes for 24 hours to make up a single sample.

Central Marin Sanitation Agency is collecting samples from five locations for the program, including one that funnels wastewater from San Rafael's Canal neighborhood, which has been the site of an ongoing coronavirus outbreak.

"We're glad to participate and be helpful in using these predictive tools," said Jason Dow, the agency's general manager.

The program is also sampling water that flows out of San Quentin State Prison, where more than two thirds of the inmates were infected with COVID-19 in an outbreak over the summer.

"By monitoring this on a regular basis, we increase our chances of detecting if and when there's another outbreak, potentially before any new cases are diagnosed," Willis said.

If coronavirus particles are found in San Quentin's wastewater, crews can install sampling machines at each building within the prison complex to determine a more precise location where people are infected, Willis said. The inmates and staff in the buildings where the virus has been detected could then be tested for COVID-19.

"Early detection is a key to limiting spread," Willis said.

The program is in its early stages, and health officials are still working to determine how the data can best be used, according to Willis.

"Once the process is validated and proven, we'll be sharing the results publicly," he said.

Harris-Lovett said the wastewater data aren't intended to replace traditional testing methods for detecting COVID-19 cases.

"It's really designed to be complementary to other kinds of data the public health professionals are using to base their decisions on, like where to provide a pop-up testing site, or to tell hospitals we're expecting a surge in cases," she said.