



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

**Tuesday, May 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 Tuesday, May 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

Meeting ID: 873 3750 2762#

Participant ID: #

Click the Zoom link below to watch and listen:
<https://us02web.zoom.us/j/87337502762>

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 May 11, 2020.

- Motion 5. Approve Minutes of the Union Sanitary District Special Board Meeting of May 12, 2020.

- Information 6. April 2020 Monthly Operations Report *(to be reviewed by the Budget & Finance and Legal/Community Affairs Committees)*.

7. Written Communications.

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

- Motion 9. Adopt a Resolution Deferring the Collection of Rate Increases Adopted Pursuant to Article XIID, Section 6 of the California Constitution on May 11, 2020, Until FY 2022-2023 for Single Family Residential and Multi Family Residential Customers.

- Motion 10. Scheduling Public Hearing to Consider Collection of Sewer Service Charges on the Tax Roll for Fiscal Year 2021 *(to be reviewed by the Budget & Finance Committee)*.

- Motion 11. Consider a Resolution to Accept the Construction of the Sludge Degritter System Project from Kiewit Infrastructure West Company *(to be reviewed by the Engineering and Information Technology Committee)*.

- Motion 12. Authorize the General Manager to Execute Change Order No. 1 with Thatcher Company of California, Inc. for the Odor Control Alternatives Study *(to be reviewed by the Engineering and Information Technology Committee)*.

- Motion 13. Consider a Resolution to Accept a Sanitary Sewer Easement for Tract 8287 – The Sugarmill, Located at 30910 Union City Boulevard, in the City of Union City *(to be reviewed by the Legal/Community Affaris Committee)*.

- Motion 14. Consider a Sewer Service Charge Refund for Dough Ave LLC *(to be reviewed by the Budget & Finance Committee)*.

- Direction 15. Proposed Operating and CIP Budget for Fiscal Year 2021 *(to be reviewed by the Budget & Finance Committee)*.

- Information 16. Report on the East Bay Dischargers Authority Meeting of April 16, 2020.

- Information 17. COVID-19 Update.
-
- Information 18. Check Register.
-
- Information 19. Committee Meeting Reports. *(No Board action is taken at Committee meetings):*
- a. Legal/Community Affairs Committee – Thursday, May 21, 2020, at 1:00 p.m.
 - Director Toy and Director Fernandez
 - b. Budget & Finance Committee – Friday, May 22, 2020, at 10:00 a.m.
 - Director Kite and Director Toy
 - c. Engineering and Information Technology Committee – Friday, May 22, 2020, at 11:00 a.m.
 - Director Lathi and Director Handley
 - d. Personnel Committee – will not meet.
 - e. Legislative Committee – will not meet.
 - f. Audit Committee – will not meet.
-
- Information 20. General Manager’s Report. *(Information on recent issues of interest to the Board).*
-
21. Other Business:
- a. Comments and questions. *Directors can share information relating to District business and are welcome to request information from staff.*
 - b. Scheduling matters for future consideration.
-
22. Adjournment – The Board will then adjourn to the next Regular Board Meeting in the Boardroom on Monday, June 8, 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, May 21, 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

Pursuant to Governor Newsom's Executive Order N-25-20, dated March 12, 2020, members of the Board of Directors may participate in this meeting via teleconference.

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 May 26, 2020:
 - April 2020 Monthly Operations Report – Odor and Work Group Reports
 - Consider a Resolution to Accept a Sanitary Sewer Easement for Tract 8287 – The Sugarmill, Located at 30910 Union City Boulevard, in the City of Union City

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, May 22, 2020
10:00 A.M.

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

Alvarado Conference Room
5072 Benson Road
Union City, CA 94587

Karen W. Murphy
Attorney

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4. Items to be reviewed for the Regular Board meeting of May 26, 2020:
 - April 2020 Monthly Operations Report – Financial Reports
 - Scheduling Public Hearing to Consider Collection of Sewer Service Charges on the Tax Roll for Fiscal Year 2021
 - Consider a Sewer Service Charge Refund for Dough Ave LLC
 - Proposed Operating and CIP Budget for Fiscal Year 2021

5. Adjournment

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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

AGENDA

Friday, May 22, 2020

11:00 A.M.

Alvarado Conference Room

5072 Benson Road

Union City, CA 94587

Directors

Manny Fernandez

Tom Handley

Pat Kite

Anjali Lathi

Jennifer Toy

Officers

Paul R. Eldredge

General Manager/

District Engineer

Karen W. Murphy

Attorney

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

- Consider a Resolution to Accept the Construction of the Sludge Degritter System Project from Kiewit Infrastructure West Company
 - Authorize the General Manager to Execute Change Order No. 1 with Thatcher Company of California, Inc. for the Odor Control Alternatives Study
-

5. Adjournment

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No action will be taken at committee meetings.

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

**MINUTES OF THE MEETING OF THE
BOARD OF DIRECTORS OF
UNION SANITARY DISTRICT/UNION SANITARY DISTRICT FINANCING
AUTHORITY
May 11, 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, May 11, 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 7:00 p.m.

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
J. Leah Castella, Assistant District Counsel
Sami Ghossain, Technical Services Manager
Armando Lopez, Treatment and Disposal Services Manager
James Schofield, Collection Services Manager
Robert Simonich, Fabrication Construction and Maintenance Manager
Laurie Brenner, Business Services Coach
Regina McEvoy, Executive Assistant to the General Manager/Board Clerk

APPROVE MINUTES OF THE UNION SANITARY DISTRICT SPECIAL BOARD MEETING OF APRIL 20, 2020

It was moved by Vice President Kite, seconded by Director Fernandez, to Approve the Minutes of the Special Board Meeting of April 20, 2020. Motion carried with the following vote:

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

APPROVE MINUTES OF THE UNION SANITARY DISTRICT BOARD MEETING OF APRIL 27, 2020

It was moved by Vice President Kite, seconded by Director Toy, to Approve the Minutes of the Board Meeting of April 27, 2020. Motion carried with the following vote:

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

WRITTEN COMMUNICATIONS

There were no written communications.

PUBLIC COMMENT

There was no public comment.

CONSIDERATION OF SEWER SERVICE CHARGE RATES FOR FISCAL YEARS 2021 TO 2025:

- (A) HOLD PUBLIC HEARING ON SEWER SERVICE CHARGES FOR FISCAL YEARS 2021 TO 2025, CONSIDER PROTESTS AND COST OF SERVICE STUDY ON SEWER SERVICE CHARGE RATES FOR FISCAL YEARS 2021 THROUGH 2025; AND**
- (B) CONSIDER ADOPTING ORDINANCE NO. 31.40, AMENDING ORDINANCE NO. 31.39, SETTING THE SEWER SERVICE CHARGES SPECIFIED THEREIN FOR FISCAL YEARS 2021 THROUGH 2025**

General Manager Eldredge presented a PowerPoint presentation which included an outline of procedures for the virtual public hearing and provided detail regarding current and future District projects. The presentation also included information regarding a proposed residential deferral program to address the uncertainty created by the COVID-19 pandemic. The proposed program would defer collection of residential fee increases for Fiscal Year 2021 until Fiscal Year 2022; deferred revenues would be temporarily offset with reserves.

Staff responded to Boardmember questions regarding the information included in the presentation.

President Handley opened the public hearing.

The public was able to submit comments via email or voicemail before and during the meeting. General Manager Eldredge read aloud the 11 comments received in opposition to the increase. The Board allowed an additional five minutes for the submission of comments.

President Handley closed the public hearing.

President Handley stated staff would count protests received.

Board Clerk McEvoy stated the District received approximately 354 un-validated protests, which was fewer than the 50,496 required to constitute a majority as of April 2020. Since the number received was insufficient to constitute a majority protest, Board Clerk McEvoy determined the absence of a majority protest without validating protests received.

President Handley stated that since the virtual public hearing had closed, the protests received had become public records. The Board directed staff to compile the protests received and send to the Board electronically.

Staff compiled protests received and sent to the Board electronically.

Boardmembers reviewed the protests received.

District Counsel Murphy stated as it had been determined that the number of un-validated protests was insufficient to constitute a majority protest, the Board may then consider the proposed ordinance included in the Board meeting packet.

It was moved by Director Fernandez, seconded by Director Toy, to Adopt Ordinance No. 31.40, Amending Ordinance 39.39, Setting the Sewer Service Charges Specified Therein for Fiscal Years 2021 Through 2025. Motion carried with the following vote:

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

It was moved by Vice President Kite, seconded by Secretary Lathi, to Direct Staff to Prepare and Bring Back a Resolution to Adopt the Residential Deferral Program at the next Board meeting. Motion carried with the following vote:

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

The Board directed staff to continue to explore potential discount programs and bring a report back to the Board in six months.

INFORMATION ITEMS:

COVID-19 Update

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

Check Register

There were no questions regarding the Check Register.

COMMITTEE MEETING REPORTS:

There were no committee meetings held prior to the May 11, 2020, Board meeting.

GENERAL MANAGER’S REPORT:

General Manager Eldredge stated he had nothing further to report.

OTHER BUSINESS:

There was no other business.

ADJOURNMENT:

The meeting was adjourned at 9:15 p.m. to the next Regular Meeting at 4:00 p.m. in the Boardroom on Tuesday, May 26, 2020.

SUBMITTED:

ATTEST:

REGINA McEVOY
BOARD CLERK

PAT KITE
SECRETARY

APPROVED:

JENNIFER TOY
PRESIDENT

Adopted this 26th day of May 2020

**MINUTES OF THE SPECIAL MEETING OF THE
BOARD OF DIRECTORS OF
UNION SANITARY DISTRICT
May 12, 2020**

Consistent with Executive Order No. N-25-20 from the Executive Department of the State of California and the Alameda County Public Health Department's March 16, 2020 Shelter in Place Order, the District's May 12, 2020, Special Meeting was not physically open to the public. In order to maximize public safety while still maintaining transparency, members of the public were able to attend the meeting telephonically and electronically.

CALL TO ORDER

President Handley called the special meeting to order at 4:30 p.m.

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
Robert Simonich, Fabrication Maintenance and Construction Manager
Armando Lopez, Treatment and Disposal Manager
Sami Ghossain, Technical Services Manager
James Schofield, Collection Services Manager
Ric Pipkin, Enhanced Treatment and Site Upgrade Program Manager
Laurie Brenner, Business Services Coach
Regina McEvoy, Executive Assistant to the General Manager/Board Clerk

PUBLIC COMMENT

There was no public comment.

BOARD WORKSHOP

General Manager Eldredge and Business Services Coach Brenner presented the Fiscal Year 2021 Operating Budget.

ADJOURNMENT:

The special meeting was adjourned at approximately 5:30 p.m. to the next Regular Meeting in the Boardroom on Tuesday, May 26, 2020, at 4:00 p.m.

SUBMITTED:

ATTEST:

REGINA McEVOY
BOARD CLERK

ANJALI LATHI
SECRETARY

APPROVED:

TOM HANDLEY
PRESIDENT

Adopted this 26th day of May, 2020



Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

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

Karen W. Murphy
Attorney

**MAY 26, 2020
BOARD OF DIRECTORS MEETING
AGENDA ITEM # 6**

TITLE: Monthly Operations Report for April 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 April 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 April 2020, there were no odor complaints received by the District.

SAFETY:

- The District's Lab has been making hand sanitizer to keep up with employee's needs during the pandemic.
- The Warehouse is keeping a weekly inventory of all essential PPE for employees to see trends and needs to be proactive with needs.
- The District is using different vendors and resources to stay stocked with PPE and hygienic products.
- The District's Hazardous Material Clean-up and Disposal Contract was awarded to NRC. This is an as-needed contract that will provide 24-hour environmental emergency response.

STAFFING & PERSONNEL:**Completed Recruitments:**

- Collection System Worker I – (replacement for Art Diosdado – promotion effective 9/30/19). Christopher Ybarra-Martinez started 4/6/2020.
- Plant Operator Trainee I – (replacement for Marcus Lee – promotion effective 11/24/19). Justin Laurence started 4/6/2020

Continuing Recruitments:

- Chief Financial Officer – (replacement for Pamela Arends-King – resignation effective 6/8/17)
- Environmental Compliance Summer Intern – Summer only, casual/no benefits (on hold due to COVID-19)
- Civil Engineering (ETSU) Intern – Summer or part-time for school year only, casual/no benefits (on hold due to COVID-19)

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

- Participated in a Board Closed Session
- Attended the East Bay Dischargers Authority (EBDA) JPA Commission Meeting
- Attended the EBDA Manager's Advisory Committee Meeting
- Conducted a Virtual Public Information Meeting Regarding Proposed Rates and USD Services
- Coordinated District response to COVID-19 Pandemic

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 April 2020

During the recording period from April 01, 2020 through April 30, 2020, there no odor related service received by the District.



Union City

Newark

Fremont

Legend

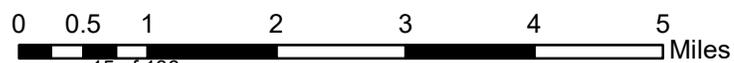
Odor Complaints: April 2020

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

Odor Complaints: May 2019 to Mar. 2020

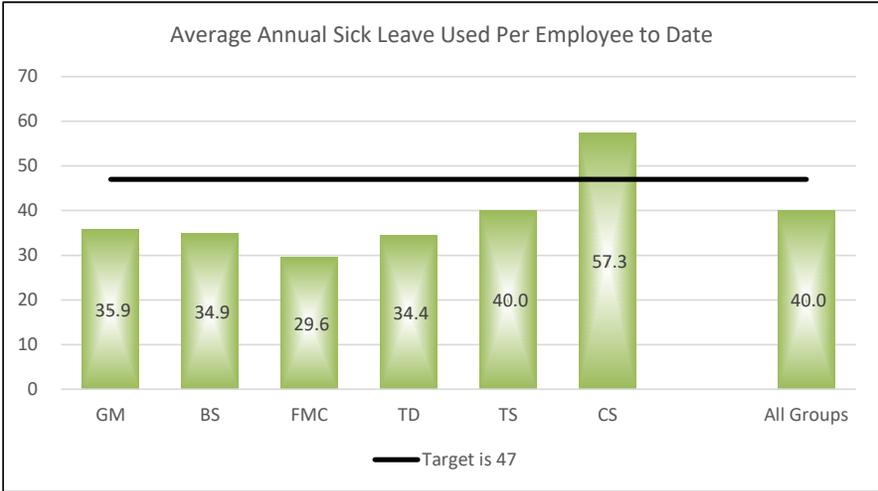
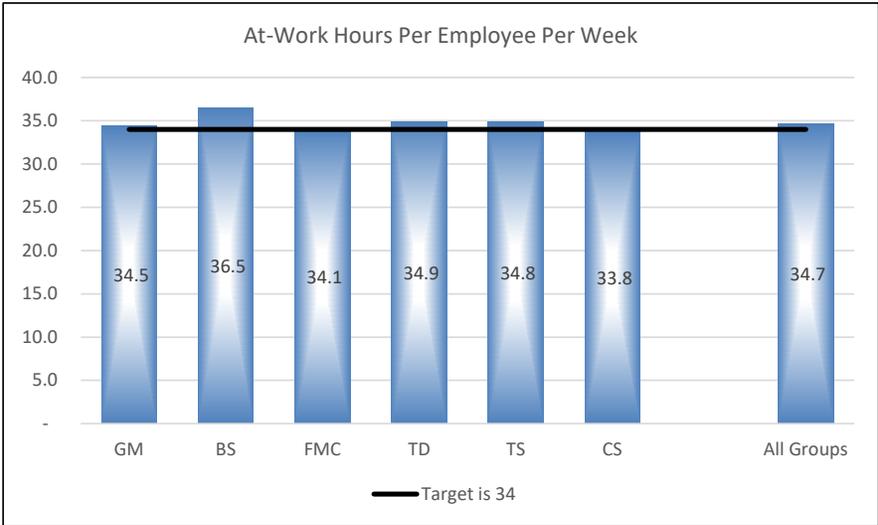
- ★ Odor found, USD resolved (1)
- Odor found, not related to USD (3)
- ▲ No odor found (13)

**Location of Odor Reports
May 2019 to April 2020**



HOURS WORKED AND LEAVE TIME BY WORK GROUP

June 27, 2019 through April 29,2020
Weeks to Date: 44 out of 52 (84.62%)



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, FLEX, Funeral, Jury Duty, Military, OT Banked Use, Paid Admin., SLIP, 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 27, 2019 through April 29,2020

Weeks to Date: 44 out of 52 (84.62%)

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	FY19		
		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	3,001.25	21.58	34.5	422.25	24.80	-	71.70	-	35.9	2	34.8	38.5
BS	17	26,858.43	376.17	36.5	3,069.04	-	-	592.53	-	34.9	16	35.5	41.1
FMC	28	41,420.80	396.24	34.1	6,153.22	247.39	8.00	828.59	-	29.6	28	34.5	39.3
TD	27	40,970.83	365.50	34.9	5,162.81	74.80	-	883.56	44.00	34.4	26	35.4	35.2
TS	33	50,132.96	301.33	34.8	5,917.10	196.26	-	1,287.79	32.00	40.0	32	34.6	46.2
CS	31	43,973.85	1,948.02	33.8	6,377.62	484.73	1,234.00	1,722.30	55.00	57.3	30	36.1	59.3
All Groups	138	206,358.12	3,408.84	34.7	27,102.04	1,027.98	1,242.00	5,386.47	131.00	40.0	134	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

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(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 2020

Year-to-date as of 4/30/2020

83% of year elapsed

<u>Revenues</u>	Budget	Actual	% of Budget Rec'd	Audited Last Year Actuals 6/30/19
Capacity Fees	\$ 13,567,000	\$ 10,214,995	75%	\$ 16,158,027
Sewer Service Charges	60,099,000	57,259,729	95%	57,330,651
Operating (Work Groups)	1,283,500	993,564	77%	1,321,729
Interest	1,350,000	2,665,331	197%	2,657,357
Misc. (LAVWMA, Forfeited Deposits)	512,000	19,759	4%	866,298
Subtotal Revenues	\$ 76,811,500	71,153,378	93%	\$ 78,334,062
Bond Proceeds	-	73,609,860	0.0%	-
Total Revenues + Bond Proceeds	\$ 76,811,500	\$ 144,763,238	188%	\$ 78,334,062
<u>Expenses</u>	Budget	Actual	% of Budget Used	Last Year Actuals
Capital Improvement Program:				
Capacity Proj.	\$ 7,600,500	\$ 3,219,308	42%	\$ 1,973,416
Renewal & Repl. Proj.	11,782,000	2,094,489	18%	4,620,499
Operating (includes fund 85)	42,555,365	33,781,211	79%	40,313,960
Special Projects	4,354,600	831,597	19%	913,255
Retiree Medical (ADC)	1,375,000	1,037,958	75%	369,961
Vehicle & Equipment	153,050	6,396	4%	725,877
Information Systems	857,700	424,562	50%	690,885
Plant & Pump Stat. R&R	250,000	279,341	112%	321,343
Emerg. Fund	-	-	0%	-
Cty Fee for SSC Admin.	109,000	109,988	101%	108,344
Debt Servicing:				
SRF Loans	3,902,080	39,670,259	1017%	3,862,731
Total Expenses	\$ 72,939,295	\$ 81,455,109	112%	\$ 53,900,272
Total Revenue & Proceeds less Expenses	\$ 3,872,205	\$ 63,308,128		24,433,790

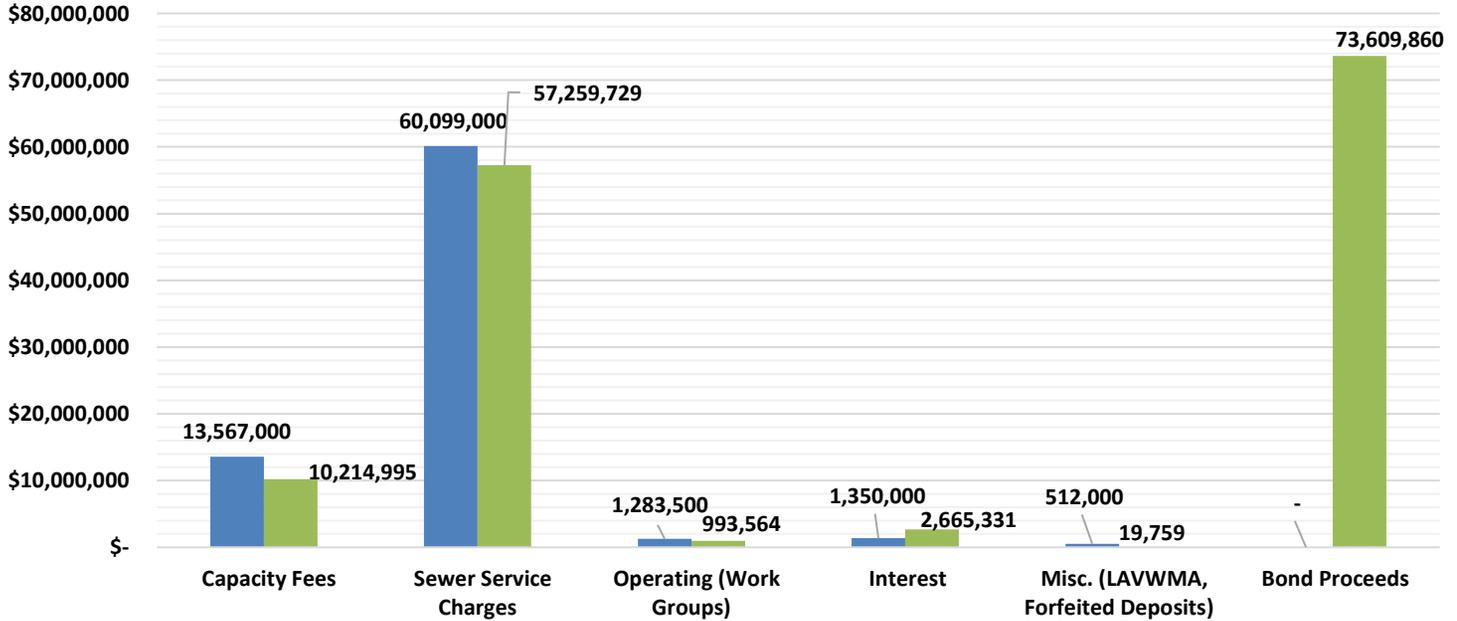
<u>Operating (Work Group) Expenses</u>	Budget	Actual	% of Budget Used	Audited Last Year Actuals
Board of Directors	\$ 179,176	\$ 111,235	62%	\$ 145,194
General Manager/Admin.	1,066,367	726,662	68%	875,354
Business Services	4,342,141	3,007,711	69%	3,667,607
Collection Services	7,316,485	5,833,768	80%	7,350,328
Technical Services	6,639,720	5,437,484	82%	6,886,241
Treatment & Disposal Services	13,263,507	10,852,768	82%	11,901,128
Fabrication, Maint. & Construction	8,837,463	7,162,069	81%	8,898,853
Non-Departmental	910,506	649,515	71%	589,255
Total	\$ 42,555,365	\$ 33,781,211	79%	\$ 40,313,960

<u>Operating (Work Group) Expenses by Type</u>	Budget	Actual	% of Budget Used	Last Year Actuals
Personnel (incl D&E)	\$ 29,145,057	\$ 23,124,334	79%	\$ 28,941,712
Repairs & Maintenance	2,256,500	1,976,038	88%	2,331,549
Supplies & Matls (chemicals, small tools)	3,400,048	2,442,284	72%	2,728,181
Outside Services (utilities, biosolids, legal)	7,523,760	6,073,805	81%	6,233,756
Fixed Assets	230,000	164,750	72%	78,762
Total	\$ 42,555,365	\$ 33,781,211	79%	\$ 40,313,960

REVENUES AND EXPENSES REPORT
as of 4/30/20

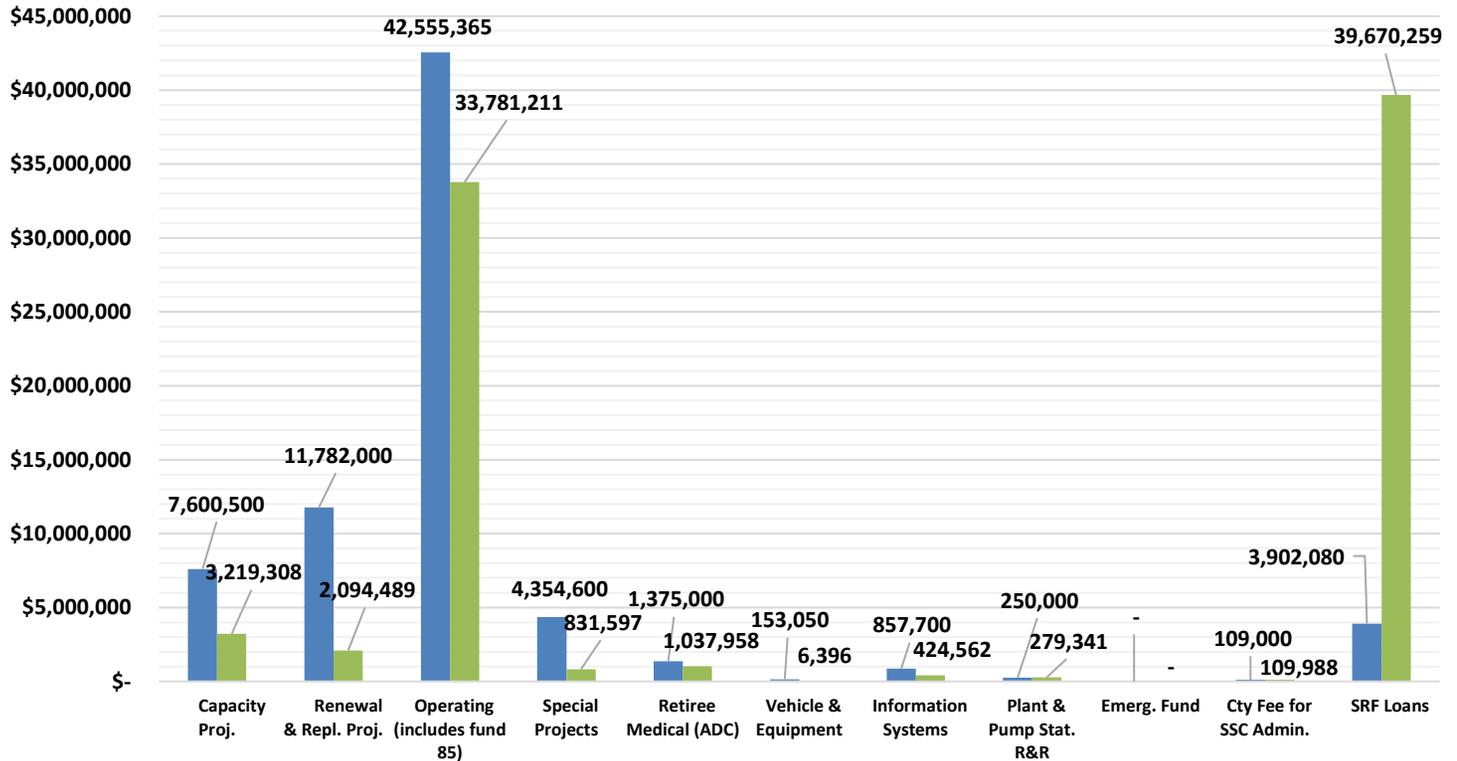
Total Revenues

■ Budget ■ Actual



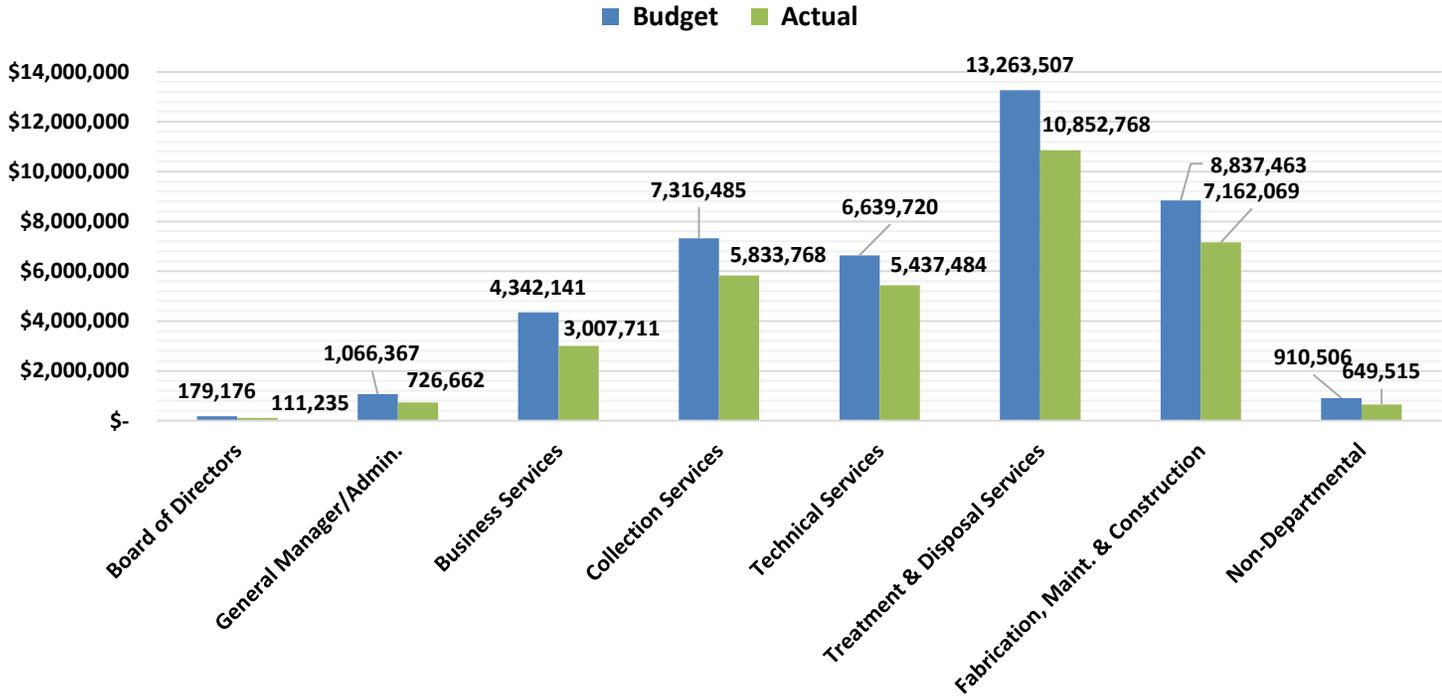
Total Expenses

■ Budget ■ Actual

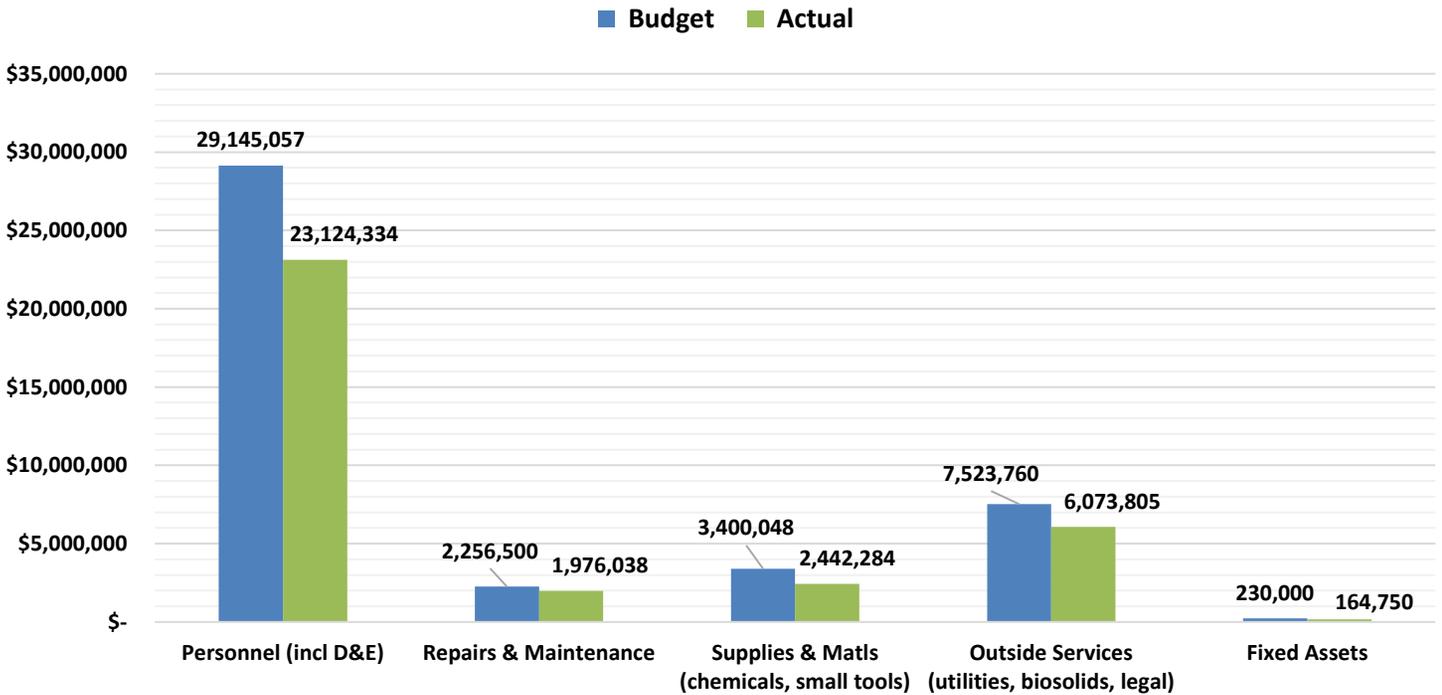


REVENUES AND EXPENSES REPORT
as of 4/30/20

Operating Expenses by Work Group



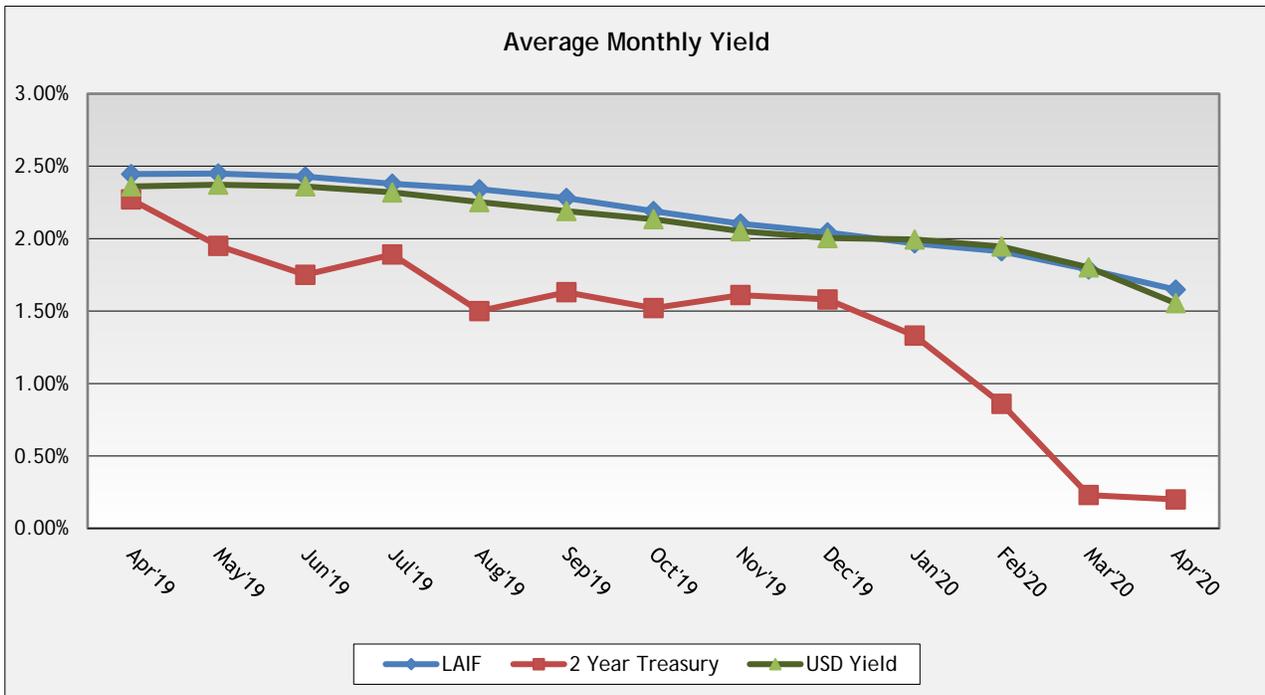
Operating Expenses by Type



**Business Services Group
April 2020**

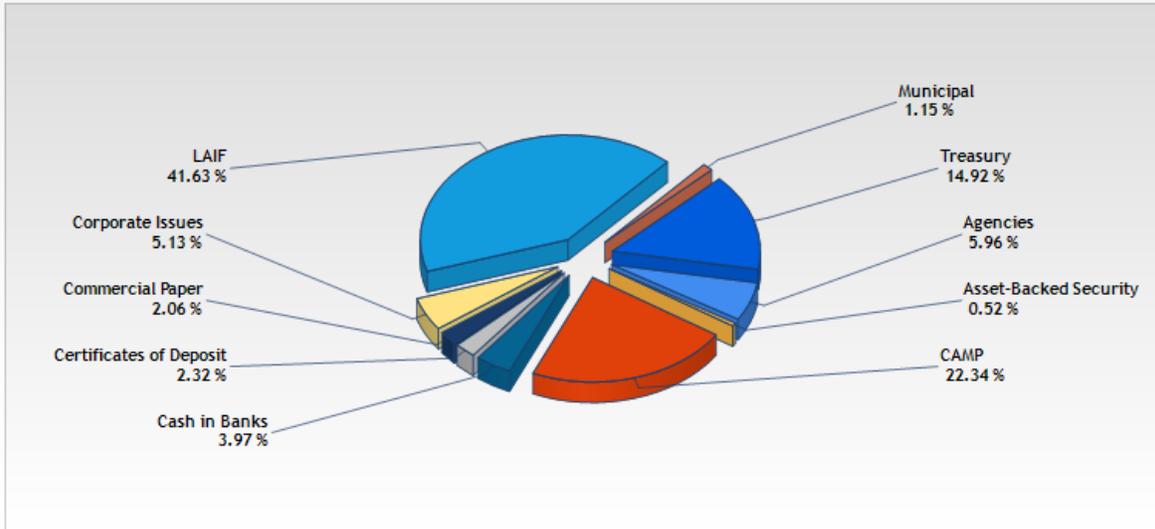
- Completed interim financial audit with no findings noted
- Completed PERS special focus audit on retroactive special compensation with no findings noted
- Participated in Portal Upgrade RFP process

Performance Measures for the USD Investment Portfolio

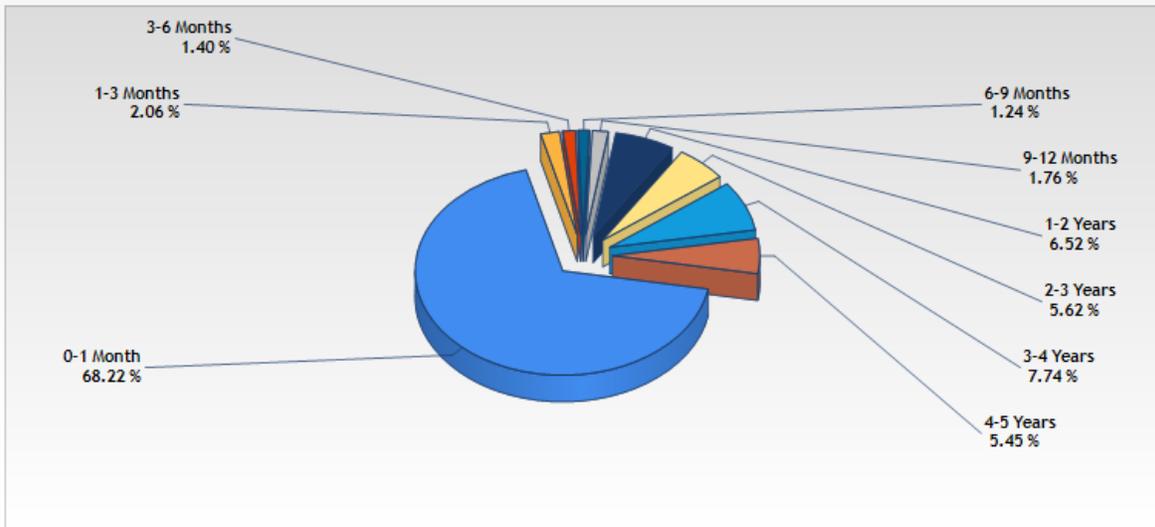


	Dec'19	Jan'20	Feb'20	Mar'20	Apr'20
LAIF	2.04%	1.97%	1.91%	1.79%	1.65%
2 Year Treasury	1.58%	1.33%	0.86%	0.23%	0.20%
USD Yield	2.00%	1.99%	1.95%	1.80%	1.55%

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	119,021,670.86	1.334	119,021,670.86	1	68.22	119,022,268.48	119,021,670.86	0.00
1-3 Months	3,635,000.00	2.939	3,597,782.94	48	2.06	3,634,302.65	3,625,960.77	0.13
3-6 Months	2,248,000.00	2.398	2,439,145.28	122	1.40	2,270,091.08	2,262,213.37	0.33
6-9 Months	2,150,000.00	1.657	2,171,792.58	206	1.24	2,180,822.20	2,162,259.12	0.55
9-12 Months	3,050,000.00	1.898	3,063,535.16	287	1.76	3,097,982.96	3,058,103.48	0.78
1-2 Years	11,312,000.00	1.889	11,368,811.77	570	6.52	11,573,957.56	11,360,768.47	1.54
2-3 Years	9,895,000.00	2.310	9,798,617.39	927	5.62	10,277,008.41	9,827,767.75	2.98
3-4 Years	13,715,000.00	2.245	13,496,102.55	1,288	7.74	14,410,027.56	13,563,716.21	3.42
4-5 Years	9,444,000.00	1.270	9,501,730.76	1,711	5.45	9,721,808.89	9,495,470.02	4.55
TOTAL / AVERAGE	174,470,670.86	1.554	174,459,189.29	293	100	176,188,269.79	174,377,930.05	0.81

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 4/30/2020

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 1.15 4/9/2025-20	3133ELWC4	S&P-AA+	4/14/2020	1,620,000.00	1,620,000.00	1.150	1,615,609.80	1.150	10/9/2020	4/9/2025	0.93
FHLB 0.5 4/14/2025	3130AJHU6	None	4/16/2020	560,000.00	557,222.40	0.500	557,950.40	0.601		4/14/2025	0.32
FHLB 1.375 2/17/2023	3130AJ7E3	None	2/21/2020	775,000.00	773,574.00	1.375	797,606.75	1.438		2/17/2023	0.44
FHLB 1.625 11/19/2021	3130AHJY0	S&P-AA+	3/11/2020	980,000.00	995,680.00	1.625	1,000,491.80	0.670		11/19/2021	0.57
FHLB 2 10/26/2021-19	3130AB3D6	None	4/26/2017	1,000,000.00	1,000,000.00	2.000	1,025,120.00	2.000		10/26/2021	0.57
FHLMC 1.1 4/28/2025-20	3134GVNJ3	Moodys-Aaa	4/28/2020	1,009,000.00	1,010,261.25	1.100	1,011,098.72	1.074	10/28/2020	4/28/2025	0.58
FHLMC 1.5 2/12/2025	3137EAEP0	None	2/14/2020	1,035,000.00	1,034,203.05	1.500	1,080,912.60	1.516		2/12/2025	0.59
FNMA 0.625 4/22/2025	3135G03U5	None	4/24/2020	875,000.00	873,197.50	0.625	876,286.25	0.667		4/22/2025	0.50
FNMA 0.625 4/22/2025	3135G03U5	None	4/28/2020	125,000.00	124,763.75	0.625	125,183.75	0.664		4/22/2025	0.07
FNMA 1.625 1/7/2025	3135G0X24	S&P-AA+	3/5/2020	395,000.00	409,690.05	1.625	414,931.70	0.839		1/7/2025	0.23
FNMA 1.625 10/15/2024	3135G0W66	Fitch-AAA	11/25/2019	1,000,000.00	997,860.00	1.625	1,046,760.00	1.671		10/15/2024	0.57
FNMA 1.875 4/5/2022	3135G0T45	S&P-AA+	3/16/2020	970,000.00	993,619.50	1.875	1,000,584.10	0.678		4/5/2022	0.57
Sub Total / Average Agencies				10,344,000.00	10,390,071.50	1.372	10,552,535.87	1.153			5.96
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	186,928.35	1.895		12/16/2024	0.11
Honda Auto Receivables 2020-1 1.61 4/22/2024-23	43813RAC1	None	2/26/2020	305,000.00	304,940.22	1.610	308,524.46	1.615	5/21/2023	4/22/2024	0.17
Toyota Auto Receivables 2020-A A3 1.66 5/15/2024	89232HAC9	None	2/12/2020	415,000.00	414,970.04	1.660	420,297.02	1.662		5/15/2024	0.24
Sub Total / Average Asset-Backed Security				905,000.00	904,873.96	1.690	915,749.83	1.694			0.52

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
CAMP											
CAMP LGIP	LGIP4000	None	5/31/2011	38,975,589.35	38,975,589.35	0.980	38,975,589.35	0.980	N/A	N/A	22.34
Sub Total / Average CAMP				38,975,589.35	38,975,589.35	0.980	38,975,589.35	0.980			22.34
Cash in Banks											
Union Bank Cash	LGIPUNIONBANK	None	12/31/2016	6,917,851.31	6,917,851.31	0.010	6,917,851.31	0.010	N/A	N/A	3.97
Sub Total / Average Cash in Banks				6,917,851.31	6,917,851.31	0.010	6,917,851.31	0.010			3.97
Certificates of Deposit											
American Expr Centurion 2.45 4/5/2022	02587DN38	None	4/5/2017	247,000.00	247,000.00	2.450	257,049.59	2.450		4/5/2022	0.14
Belmont Savings Bank 2.15 3/22/2022	080515BV0	None	3/20/2017	248,000.00	248,000.00	2.150	256,234.12	2.150		3/22/2022	0.14
BMW Bank 2.15 3/10/2022	05580AGR9	None	3/10/2017	247,000.00	247,000.00	2.150	255,070.58	2.150		3/10/2022	0.14
Capital One Bank 1.5 10/26/2020	140420L99	None	10/26/2016	248,000.00	248,000.00	1.500	249,131.08	1.500		10/26/2020	0.14
Credit Agricole CIB NY 2.83 4/2/2021	22535CDU2	None	4/4/2019	575,000.00	575,000.00	2.830	585,857.96	2.830		4/2/2021	0.33
Discover Bank 2.25 12/29/2021	254672Y36	None	12/29/2016	247,000.00	247,000.00	2.250	254,069.07	2.250		12/29/2021	0.14
DNB Nor Bank ASA 2.04 12/2/2022	23341VZT1	NR	12/6/2019	430,000.00	430,000.00	2.040	449,337.36	2.040		12/2/2022	0.25
Lakeside Bank 1.75 5/29/2020	51210SMU8	None	5/30/2017	249,000.00	249,000.00	1.750	249,308.83	1.750		5/29/2020	0.14
Ponce De Leon Federal Bank 1.85 5/28/2021	732333AJ8	None	5/31/2017	249,000.00	249,000.00	1.850	251,663.90	1.850		5/28/2021	0.14
Societe Generale NY 1.8 2/14/2022	83369XDL9	None	2/19/2020	570,000.00	570,000.00	1.800	583,884.06	1.800		2/14/2022	0.33
State Bank of India 2.25 1/26/2022	8562846A7	None	1/26/2017	247,000.00	247,000.00	2.250	254,592.11	2.250		1/26/2022	0.14
Summit Community Bank 1.65 5/29/2020	86604XLT1	None	5/31/2017	249,000.00	249,000.00	1.650	249,288.79	1.650		5/29/2020	0.14
Synchrony Bank 2.3 2/24/2022	87165ELT2	None	2/28/2017	247,000.00	247,000.00	2.300	255,376.88	2.300		2/24/2022	0.14
Sub Total / Average Certificates of Deposit				4,053,000.00	4,053,000.00	2.112	4,150,864.33	2.112			2.32
Commercial Paper											

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
BNP Paribas 1.87 6/24/2020	09659BFQ8	Fitch-F1	10/28/2019	1,000,000.00	987,533.33	1.870	999,985.80	3.819		6/24/2020	0.57
MUFG BANK LTD/NY 1.93 6/24/2020	62479LFG3	Moodys-P1	10/28/2019	1,000,000.00	987,133.33	1.930	999,625.70	3.943		6/24/2020	0.57
Natixis NY Branch 0 6/9/2020	63873JF96	S&P-A1	1/14/2020	1,635,000.00	1,623,116.28	0.000	1,634,691.15	1.793		6/9/2020	0.93
Sub Total / Average Commercial Paper				3,635,000.00	3,597,782.94	1.043	3,634,302.65	2.939			2.06
Corporate Issues											
Amazon.com Inc. 2.4 2/22/2023	023135AW6	Fitch-A+	4/15/2019	675,000.00	668,499.75	2.400	708,675.75	2.664		2/22/2023	0.38
American Express Credit 2.7 3/3/2022	0258M0EG0	Moodys-A2	5/15/2017	1,000,000.00	1,013,279.67	2.700	1,025,150.00	2.406		3/3/2022	0.58
American Honda Finance 1.95 5/10/2023	02665WDH1	None	1/10/2020	415,000.00	414,846.45	1.950	412,572.25	1.962		5/10/2023	0.24
Bank of America Corp 4.1 7/24/2023	06053FAA7	Fitch-A	3/22/2019	500,000.00	520,405.00	4.100	541,015.00	3.087		7/24/2023	0.30
BB&T Corporation 3.05 6/20/2022-22	05531FBG7	Fitch-A+	3/22/2019	525,000.00	525,714.00	3.050	542,372.25	3.006	5/20/2022	6/20/2022	0.30
Chevron Corp 2.1 5/16/2021	166764BG4	Moodys-Aa2	5/10/2017	1,000,000.00	999,500.00	2.100	1,011,280.00	2.113		5/16/2021	0.57
Exxon Mobil Corporation 2.726 3/1/2023	30231GAR3	Moodys-Aaa	6/14/2019	985,000.00	1,001,400.25	2.726	1,024,045.40	2.256		3/1/2023	0.57
HSBC 4.875 8/24/2020	4042Q1AE7	Moodys-A1	5/17/2016	2,000,000.00	2,191,145.28	4.875	2,020,960.00	2.500		8/24/2020	1.26
JPMorgan Chase & Co 2.7 5/18/2023-23	46625HRL6	Fitch-A+	3/22/2019	525,000.00	517,970.25	2.700	543,453.75	3.045	3/18/2023	5/18/2023	0.30
Paccar Financial Corp 2.65 5/10/2022	69371RP83	None	5/10/2019	580,000.00	579,686.80	2.650	595,810.80	2.669		5/10/2022	0.33
State Street Corp 1.95 5/19/2021	857477AV5	Fitch-AA-	3/22/2019	530,000.00	520,566.00	1.950	535,300.00	2.805		5/19/2021	0.30
Sub Total / Average Corporate Issues				8,735,000.00	8,953,013.45	3.166	8,960,635.20	2.530			5.13
LAIF											
LAIF LGIP	LGIP1002	None	4/30/2011	72,630,230.20	72,630,230.20	1.648	72,630,230.20	1.648	N/A	N/A	41.63
Sub Total / Average LAIF				72,630,230.20	72,630,230.20	1.648	72,630,230.20	1.648			41.63
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	503,035.00	2.125		6/1/2021	0.29

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 of California 2.152 4/1/2022	13063DAD0	Moodys-Aa3	4/27/2017	1,000,000.00	1,010,000.00	2.152	1,022,040.00	1.938		4/1/2022	0.58
Victor Valley College General Obligation Bond 2.35	92603PER9	Moodys-Aa2	12/28/2016	500,000.00	490,150.00	2.350	503,525.00	2.811		8/1/2021	0.28
Sub Total / Average Municipal				2,000,000.00	2,000,150.00	2.194	2,028,600.00	2.199			1.15
Treasury											
T-Note 1.25 7/31/2023	912828S92	Fitch-AAA	4/2/2019	1,790,000.00	1,712,806.25	1.250	1,847,190.50	2.302		7/31/2023	0.98
T-Note 1.375 6/30/2023	912828S35	Fitch-AAA	3/20/2019	2,000,000.00	1,914,609.38	1.375	2,070,780.00	2.431		6/30/2023	1.10
T-Note 1.375 9/30/2023	912828T26	Fitch-AAA	3/20/2019	2,000,000.00	1,909,531.25	1.375	2,074,840.00	2.436		9/30/2023	1.09
T-Note 1.5 3/31/2023	912828Q29	Fitch-AAA	3/20/2019	1,230,000.00	1,186,421.49	1.500	1,275,165.60	2.428		3/31/2023	0.68
T-Note 1.75 7/15/2022	9128287C8	Fitch-AAA	7/31/2019	1,000,000.00	998,789.06	1.750	1,033,910.00	1.792		7/15/2022	0.57
T-Note 1.75 9/30/2022	912828L57	Fitch-AAA	3/20/2019	1,815,000.00	1,773,737.11	1.750	1,881,864.60	2.426		9/30/2022	1.02
T-Note 1.875 2/28/2022	912828W55	Fitch-AAA	4/2/2019	485,000.00	479,259.57	1.875	499,797.35	2.298		2/28/2022	0.27
T-Note 1.875 8/31/2024	9128282U3	Fitch-AAA	9/3/2019	780,000.00	797,732.81	1.875	831,831.00	1.402		8/31/2024	0.46
T-Note 2 4/30/2024	912828X70	Fitch-AAA	6/7/2019	960,000.00	964,875.00	2.000	1,024,502.40	1.891		4/30/2024	0.55
T-Note 2 6/30/2024	912828XX3	Fitch-AAA	7/3/2019	500,000.00	505,156.25	2.000	534,690.00	1.783		6/30/2024	0.29
T-Note 2.125 1/31/2021	912828B58	Fitch-AAA	10/28/2019	2,475,000.00	2,488,535.16	2.125	2,512,125.00	1.683		1/31/2021	1.43
T-Note 2.125 11/30/2024	9128283J7	S&P-AA+	1/2/2020	500,000.00	511,152.34	2.125	540,625.00	1.650		11/30/2024	0.29
T-Note 2.125 12/31/2022	912828N30	Fitch-AAA	3/20/2019	1,170,000.00	1,157,340.24	2.125	1,228,769.10	2.426		12/31/2022	0.66
T-Note 2.125 2/29/2024	912828W48	Fitch-AAA	3/20/2019	2,000,000.00	1,970,625.00	2.125	2,138,200.00	2.442		2/29/2024	1.13
T-Note 2.125 3/31/2024	912828W71	S&P-AA+	3/2/2020	1,220,000.00	1,282,525.00	2.125	1,306,449.20	0.844		3/31/2024	0.74
T-Note 2.125 6/30/2022	912828XG0	Fitch-AAA	3/20/2019	710,000.00	703,454.69	2.125	739,450.80	2.418		6/30/2022	0.40
T-Note 2.125 7/31/2024	9128282N9	Fitch-AAA	8/29/2019	445,000.00	460,557.62	2.125	478,704.30	1.388		7/31/2024	0.26
T-Note 2.25 12/31/2023	912828V23	Fitch-AAA	3/20/2019	2,000,000.00	1,982,968.75	2.250	2,142,500.00	2.439		12/31/2023	1.14
T-Note 2.625 11/15/2020	912828PC8	Fitch-AAA	11/15/2019	1,170,000.00	1,181,380.08	2.625	1,185,818.40	1.640		11/15/2020	0.68
T-Note 2.75 11/30/2020	9128285Q9	Fitch-AAA	11/29/2019	980,000.00	990,412.50	2.750	995,003.80	1.677		11/30/2020	0.57
T-Note 2.75 8/15/2021	9128284W7	Fitch-AAA	10/28/2019	1,045,000.00	1,064,757.03	2.750	1,079,694.00	1.678		8/15/2021	0.61
Sub Total / Average Treasury				26,275,000.00	26,036,626.58	1.951	27,421,911.05	2.053			14.92
Total / Average				174,470,670.86	174,459,189.29	1.545	176,188,269.79	1.554			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:

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Approver:

Union Sanitary District
Transactions Summary
Board Report - Activity
Group By: Action
Portfolio / Report Group: All Portfolios
Begin Date: 03/31/2020, End Date: 04/30/2020

Description	CUSIP/Ticker	Face Amount/Shares	Principal	Interest/Dividends	Coupon Rate	YTM @ Cost	Settlement Date	Total
Buy								
FFCB 1.15 4/9/2025-20	3133ELWC4	1,620,000.00	1,620,000.00	258.75	1.150	1.150	4/14/2020	1,620,258.75
FHLB 0.5 4/14/2025	3130AJHU6	560,000.00	557,222.40	0.00	0.500	0.601	4/16/2020	557,222.40
FHLMC 1.1 4/28/2025-20	3134GVNJ3	1,009,000.00	1,010,261.25	0.00	1.100	1.074	4/28/2020	1,010,261.25
FNMA 0.625 4/22/2025	3135G03U5	125,000.00	124,763.75	8.68	0.625	0.664	4/28/2020	124,772.43
FNMA 0.625 4/22/2025	3135G03U5	875,000.00	873,197.50	0.00	0.625	0.667	4/24/2020	873,197.50
T-Bill 0 4/28/2020	9127962D0	1,010,000.00	1,009,998.88	0.00	0.000	0.010	4/24/2020	1,009,998.88
Sub Total / Average Buy		5,199,000.00	5,195,443.78	267.43				5,195,711.21
Deposit								
CAMP LGIP	LGIP4000	31,306.12	31,306.12	0.00	N/A	0.000	4/30/2020	31,306.12
LAIF LGIP	LGIP1002	25,000,000.00	25,000,000.00	0.00	N/A	0.000	4/20/2020	25,000,000.00
LAIF LGIP	LGIP1002	275,153.16	275,153.16	0.00	N/A	0.000	4/15/2020	275,153.16
Union Bank Cash	LGIPUNIONBANK	6,917,851.31	6,917,851.31	0.00	N/A	0.000	4/30/2020	6,917,851.31
Sub Total / Average Deposit		32,224,310.59	32,224,310.59	0.00				32,224,310.59
Interest								
American Expr Centurion 2.45 4/5/2022	02587DN38	0.00	0.00	3,034.04	2.450	0.000	4/6/2020	3,034.04
CAMP LGIP	LGIP4000	0.00	0.00	31,306.12	N/A	0.000	4/30/2020	31,306.12
Capital One Bank 1.5 10/26/2020	140420L99	0.00	0.00	1,865.10	1.500	0.000	4/27/2020	1,865.10
Carmax Auto Owner Trust 1.89 12/16/2024	14315XAC2	0.00	0.00	291.38	1.890	0.000	4/15/2020	291.38
Credit Agricole CIB NY 2.83 4/2/2021	22535CDU2	0.00	0.00	16,634.11	2.830	0.000	4/6/2020	16,634.11
FHLB 2 10/26/2021-19	3130AB3D6	0.00	0.00	10,000.00	2.000	0.000	4/27/2020	10,000.00
FNMA 1.875 4/5/2022	3135G0T45	0.00	0.00	7,989.58	1.875	0.000	4/15/2020	7,989.58
FNMA 1.875 4/5/2022	3135G0T45	0.00	0.00	9,093.75	1.875	0.000	4/6/2020	9,093.75
Honda Auto Receivables 2020-1 1.61 4/22/2024-23	43813RAC1	0.00	0.00	409.21	1.610	0.000	4/21/2020	409.21
LAIF LGIP	LGIP1002	0.00	0.00	275,153.16	N/A	0.000	4/15/2020	275,153.16

Description	CUSIP/Ticker	Face Amount/Shares	Principal	Interest/Dividends	Coupon Rate	YTM @ Cost	Settlement Date	Total
Lakeside Bank 1.75 5/29/2020	51210SMU8	0.00	0.00	370.09	1.750	0.000	4/30/2020	370.09
Ponce De Leon Federal Bank 1.85 5/28/2021	732333AJ8	0.00	0.00	378.62	1.850	0.000	4/30/2020	378.62
State of California 2.152 4/1/2022	13063DAD0	0.00	0.00	11,835.00	2.152	0.000	4/1/2020	11,835.00
Summit Community Bank 1.65 5/29/2020	86604XLT1	0.00	0.00	337.68	1.650	0.000	4/30/2020	337.68
T-Note 2 4/30/2024	912828X70	0.00	0.00	9,600.00	2.000	0.000	4/30/2020	9,600.00
Toyota Auto Receivables 2020-A A3 1.66 5/15/2024	89232HAC9	0.00	0.00	574.08	1.660	0.000	4/15/2020	574.08
Sub Total / Average Interest		0.00	0.00	378,871.92				378,871.92
Matured								
MUFG BANK LTD/NY 1.78 4/14/2020	62479LDE2	1,625,000.00	1,625,000.00	0.00	1.780	0.000	4/14/2020	1,625,000.00
T-Bill 0 4/2/2020	912796TM1	939,000.00	939,000.00	0.00	0.000	0.000	4/2/2020	939,000.00
T-Bill 0 4/28/2020	9127962D0	1,010,000.00	1,010,000.00	0.00	0.000	0.000	4/28/2020	1,010,000.00
Sub Total / Average Matured		3,574,000.00	3,574,000.00	0.00				3,574,000.00
Sell								
GE Capital International 2.04 11/15/2020	36164QMS4	1,000,000.00	1,002,500.00	10,278.78	2.040	0.000	4/23/2020	1,012,778.78
T-Bill 0 4/30/2020	912796TS8	130,000.00	129,999.65	0.00	0.000	0.000	4/28/2020	129,999.65
T-Bill 0 4/30/2020	912796TS8	876,000.00	875,992.34	0.00	0.000	0.000	4/24/2020	875,992.34
T-Note 2.125 7/31/2024	9128282N9	520,000.00	560,076.56	2,307.14	2.125	0.000	4/16/2020	562,383.70
Sub Total / Average Sell		2,526,000.00	2,568,568.55	12,585.92				2,581,154.47
Withdraw								
LAIF LGIP	LGIP1002	3,000,000.00	3,000,000.00	0.00	N/A	0.000	4/1/2020	3,000,000.00
Union Bank Cash	LGIPUNIONBANK	2,882,229.23	2,882,229.23	0.00	N/A	0.000	4/29/2020	2,882,229.23
Sub Total / Average Withdraw		5,882,229.23	5,882,229.23	0.00				5,882,229.23

MONTHLY OPERATIONS REPORT FOR THE MONTH APRIL 2020
TECHNICAL SUPPORT WORK GROUP SUMMARY

Capital Improvement Program

Alvarado Influent Pump Station Improvements Project – Preparation and review of contractor’s submittals were in progress. Construction activity was temporarily suspended during the shelter-in-place period pursuant to the Alameda County’s health order.

Alvarado Influent Valve Box Rehabilitation Project – Submittals review and fabrication of knife gate valves were in progress.

Headworks Screens Replacement Project – Preparation and review of contractor’s submittals were in progress. Contractor prepared for installation of new Mechanical Screen No. 3 and installed electrical conduits.

Plant Paving Project – Notice of Completion was executed on April 13th.

Primary Digester No. 2 Rehabilitation Project – Contractor began concrete and coatings work at Primary Clarifier No. 5. Demolition of the foam insulation on the cover of Primary Digester No. 2 was in progress.

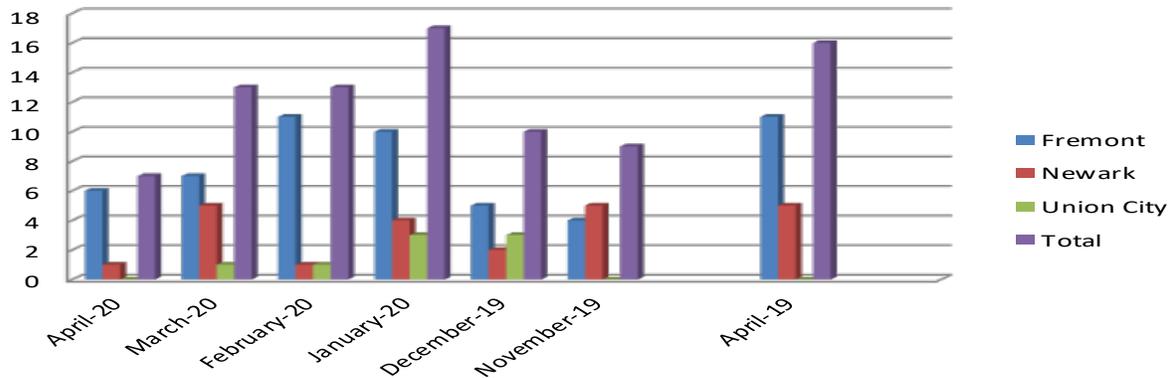
Primary Digester No. 7 Project – Preparation and review of contractor’s submittals were in progress. Excavation to subgrade for Digester No. 7 and placement of controlled low-strength material over the bottom of the excavation were completed. Formwork and rebar installation for grade beams is scheduled to begin in May.

Sludge Degritter System Project – Project closeout was in progress.

Customer Service

Trouble Calls dispatched from the Front Desk during business hours:

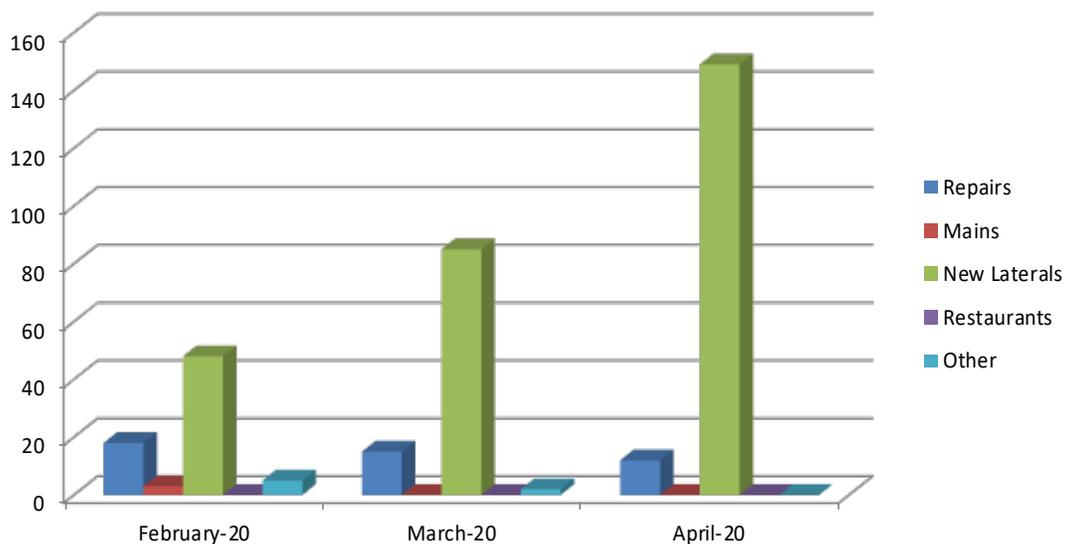
Month	Fremont	Newark	Union City	Total
April-20	6	1	0	7
March-20	7	5	1	13
February-20	11	1	1	13
January-20	10	4	3	17
December-19	5	2	3	10
November-19	4	5	0	9
April-19	11	5	0	16
6-Month Total				69



Sewer Permits Issued

Month	Repairs	Mains	New Laterals	Restaurants	Other
April-20	12	0	149	0	0
March-20	15	0	85	0	2
February-20	18	3	48	0	5

New Laterals - New residential lateral connections
 Other - Non-residential construction (except restaurants)



Communication

- Press Release re: Proposed Rates to local newspapers (print and digital)
- Social Media posts:
 - USD’s Biological Treatment process/chemical disinfection.
 - Proposed rates press release.
 - Virtual Community Informational Meeting.
 - Collection System Workers – essential workers.
- Website:
 - Updated Sewer Service Charges page with Public Hearing Information.
 - Added Press release to News and Events page and Press Release archive.
 - Added Virtual Community Meeting information to News and Events page.
 - Created Virtual Community Meeting page and linked to it from other website pages.
 - Created Virtual Public Hearing page and linked to it from other website pages.
- Ads:
 - Tri-City Voice – Community info meeting ad
 - Patch digital newspaper – community info meeting event ad and posted to community calendar.
- Emails re: Proposed rates and April 21 community meeting information to cities, police departments, and other community groups.
- COVID response: Participated in Tri-City PIO and Regional PIO check-in conference calls to share updates and gain information.

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 2 Stormwater (Urban Runoff), and 8 FOG (restaurant) inspections. During this reporting period, Inspectors identified 0 Stormwater and 3 FOG enforcement actions. None of the Stormwater enforcements resulted in administrative fines.

Urban Runoff Inspections and Enforcements

April 2020	No. of UR Inspections	VW	WL	NOV	AF	LA	NOD	Total Enforcements	No. of Illicit Discharge/s
	2	0	0	0	0	0	0	0	% Enforcement

FOG Inspections and Enforcements

April 2020	No. of FOG Inspections	VW	WL	NOV	AF	LA	NOD	Total Enforcements	% Enforcement
	8	0	1	0	0	0	2	3	38%

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
0	0	0

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)	Preston Pipeline (Groundwater - Pending)
Silicon Valley RO DI	
Rigetti Computing	
Facebook Commissary	
Estuary LLC	
Sonova USA	

Permits Issued

Company Name	Date Permit Issued
None	

Industrial Permit Closures

Company Name	Date of Closure
Excelitas Technologies Corporation (Zero Discharge)	4/28/2020
Pantronix Corporation (Class 1 Permit)	4/28/2020

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
Kerry Ingredients & Flavours	Violation 02/19/2020 Enforcement action taken 04/17/2020	Union City	Oil & Grease (A/V)	821 mg/L	300 mg/L USD limit	\$1,400 NOV

(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
Alameda County Environmental Task Force	4/15/2020	Marian Gonzalez
CWEA Managing Collection Systems	4/15/2020	Marian Gonzalez

Engineering/Construction

No. of projects under construction: 7

	Construction Projects	Capital (\$1000)	Scheduled Completion	Completed Scope	Completed Time	Comments for April 2020 Activities
1.	Alvarado Influent Pump Station Improvements Project – Thomas	\$8,890	10/21	10%	25%	Submittals review in progress. Construction activity temporarily suspended during shelter-in-place period.
2.	Alvarado Influent Valve Box Rehabilitation Project – Kevin	\$402	09/20	8%	25%	Submittals review and fabrication of knife gate valves in progress.
3.	Headworks Screens Replacement Project – Thomas	\$1,822	11/20	15%	52%	Submittals review in progress. Filled Bar Screen Channel No. 3 wall pockets with concrete and installed conduits.
4.	Plant Paving Project – Somporn	\$46	05/20	100%	60%	Notice of Completion was executed on April 13 th .
5.	Primary Digester No. 2 Rehabilitation Project – Derek	\$3,058	10/20	20%	43%	Concrete and coatings work at Primary Clarifier No. 5 began. Demolition work on the cover of Primary Digester No. 2 and inside Heating and Mixing Building No. 1 in progress.
6.	Primary Digester No. 7 Project – Curtis	\$23,343	12/21	12%	13%	Submittals review in progress. Excavation to subgrade for Digester No. 7 completed.
7.	Sludge Degritter System Project – Kevin	\$1,436	10/19	100%	100%	Project closeout in progress.

Design/Study

No. of projects in design/study phase: 16

	Design/Study Projects	Capital (\$1000)	Scheduled Completion	Completed Scope	Completed Time	Comments for April 2020 Activities
1.	Aeration Blower No. 11 Project - Derek	\$123	06/20	85%	81%	90% design documents submitted to District for review. 90% review workshop held on April 16 th .
2.	Cathodic Protection System Improvements Project - Thomas	\$87	07/20	43%	58%	90% design documents in progress.
3.	Centrifuge Building Improvements Project – Somporn	\$574	08/20	88%	90%	90% design documents review in progress.
4.	Cogeneration Feasibility Study – Somporn	\$92	02/20	100%	100%	Final report submitted to District.
5.	Emergency Outfall Improvements Project – Andrew	\$398	08/20	97%	88%	Permitting and easement acquisition in progress.
6.	Force Main Condition Assessment – Andrew	\$121	10/20	60%	86%	Next round of inspection will be scheduled with the next phase of Force Main Corrosion Repairs project.
7.	Force Main Corrosion Repairs Project Phase 3 – Andrew	\$60	02/19	75%	85%	Project construction is pending the completion of Force Main relocation project.
8.	Gravity Sewer Rehabilitation / Replacement Project – Phase VII – Andrew	\$176	03/20	92%	95%	100% design submittal received. Construction is scheduled for 2021.
9.	Irvington Basin Masterplan Update - Andrew	\$50	06/20	15%	44%	Consultant began review of GIS/Hansen data; District staff corrected errors in the data.
10.	Irvington and Newark Odor Control Study - Kevin	\$99	12/19	100%	100%	Final study report completed.
11.	Odor Control Alternatives Study – Kevin	\$465	07/19	99%	100%	Report will be finalized after the pilot testing project is completed.
12.	Odor Control Pilot Study - Somporn	\$99	12/20	35%	40%	Awaiting Air Board permit before issuing contract with Daniel Company for odor pilot skid.
13.	Plant Network Architecture Study – Somporn	\$100	12/19	100%	100%	Final report submitted to District.

	Design/Study Projects	Capital (\$1000)	Scheduled Completion	Completed Scope	Completed Time	Comments for April 2020 Activities
14.	Standby Power Generation System Upgrade Project – Kevin	\$2,281	1/21	68%	68%	Preparation of 90% design and engine pre-selection bid documents in progress.
15.	WAS Thickener Replacement Project – Derek	\$284	05/19	80%	100%	Preparation of the preliminary design report in progress.
16.	Wet Weather Flow Management – Calcium Thiosulfate Chemical Feed System – Kevin/Blake	\$70	9/20	20%	20%	Draft Basis of Design report submitted to District for review. 50% design submittal in progress.

COLLECTION SERVICES ACTIVITIES REPORT APRIL 2020

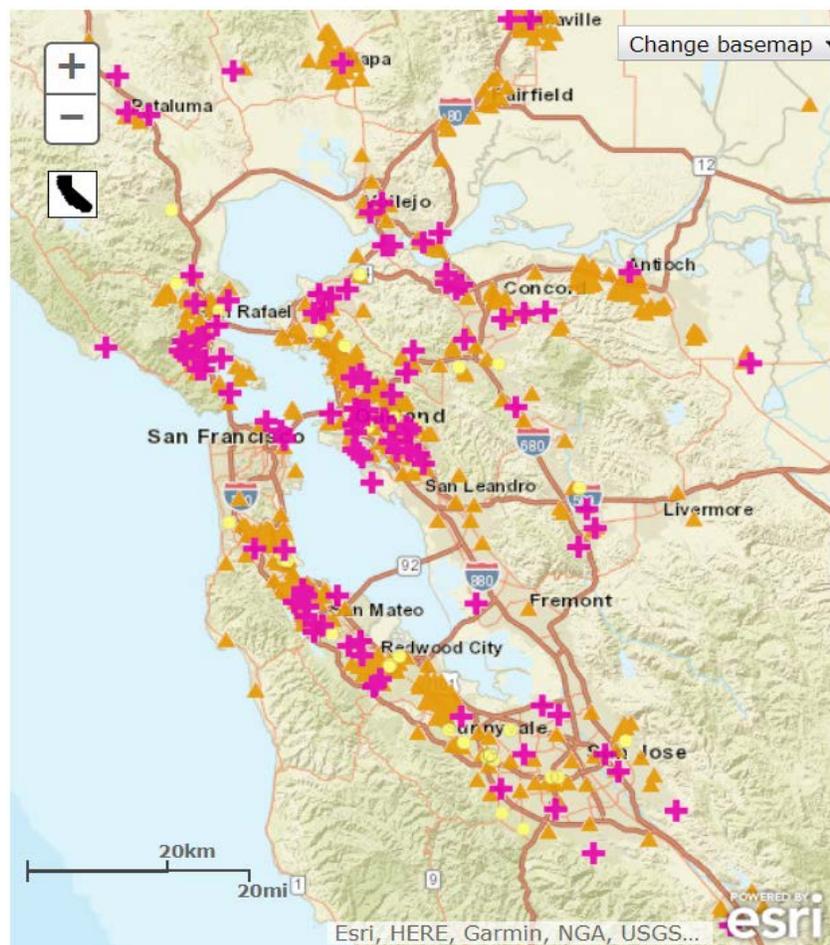
Progress/Accomplishments

- No Spills in April.
- Completed 23.0 miles of sewer main cleaning in April.
- Completed 9.1 miles of sewer main inspection in April.
- Responded to 7 service request calls in April.
- Completed a total of 21 sewer main repairs in April.
- New Collection System Worker #1, Chris Martinez starts at USD

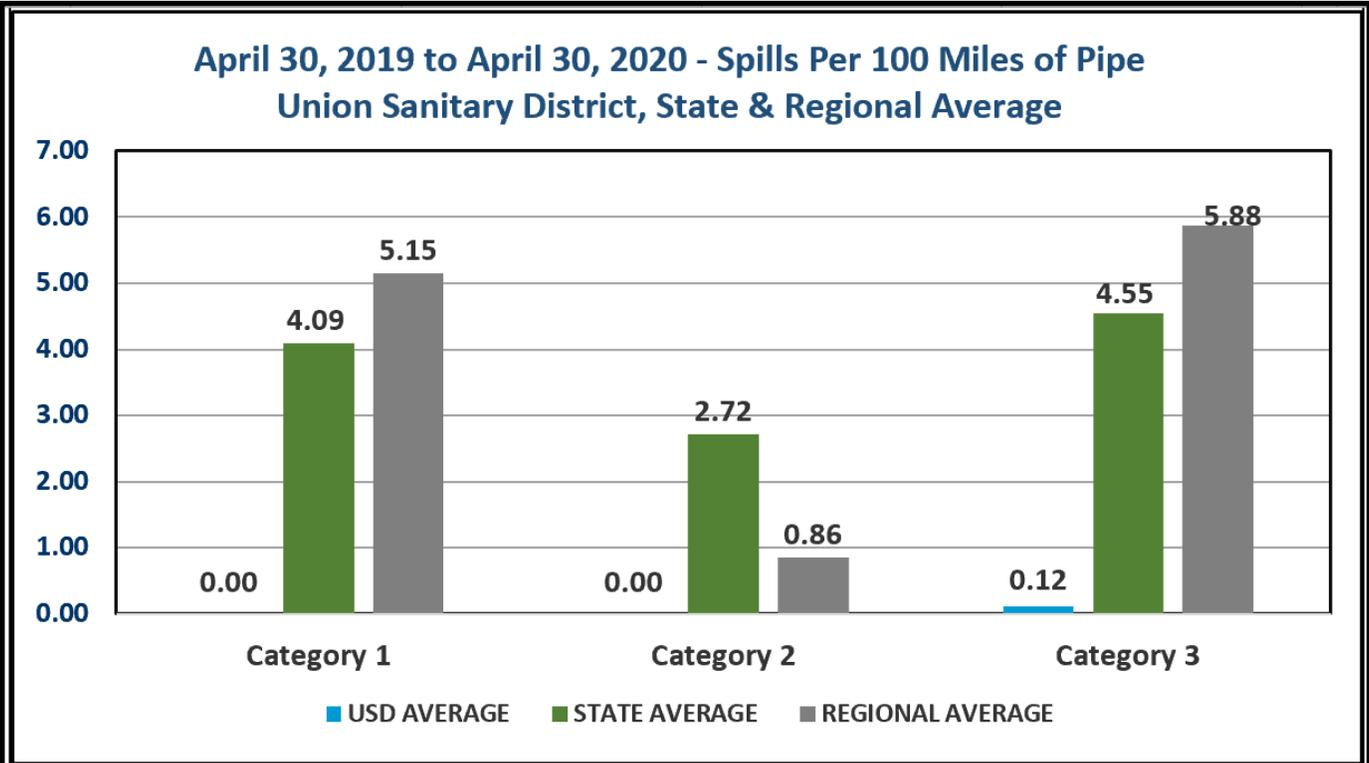
Trainings

- New employee orientation

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



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



Spill Rate Statistics - April 30, 2019 to April 30, 2020 Spills per 100 Miles of Pipe

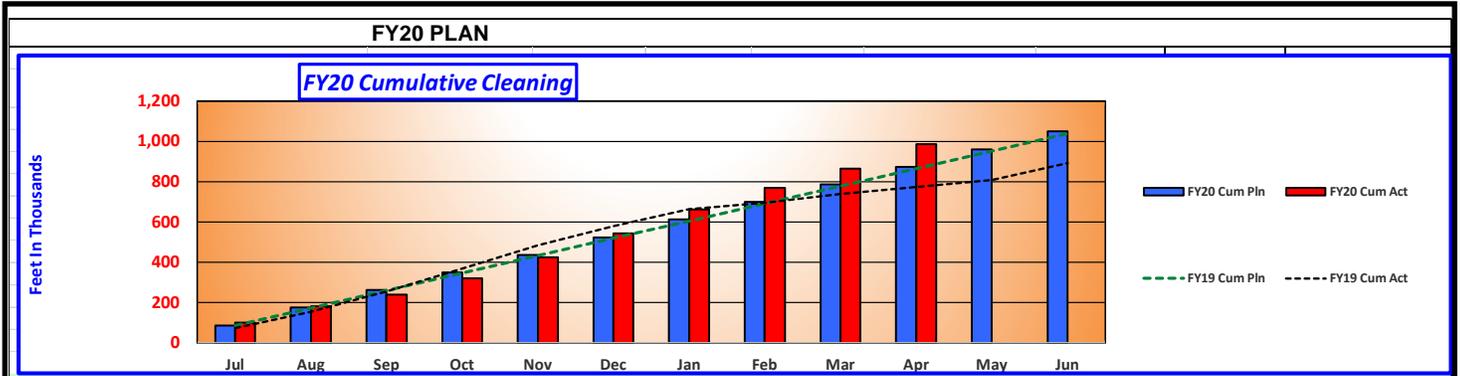
	Category 1	Category 2	Category 3
USD AVERAGE	0.00	0.00	0.12
STATE AVERAGE	4.09	2.72	4.55
REGIONAL AVERAGE	5.15	0.86	5.88

Category 1 - 1,000 gallons or more. Discharges to surface water, not fully captured

Category 2 - 1,000 gallons or more. Does not reach surface waters, not fully captured

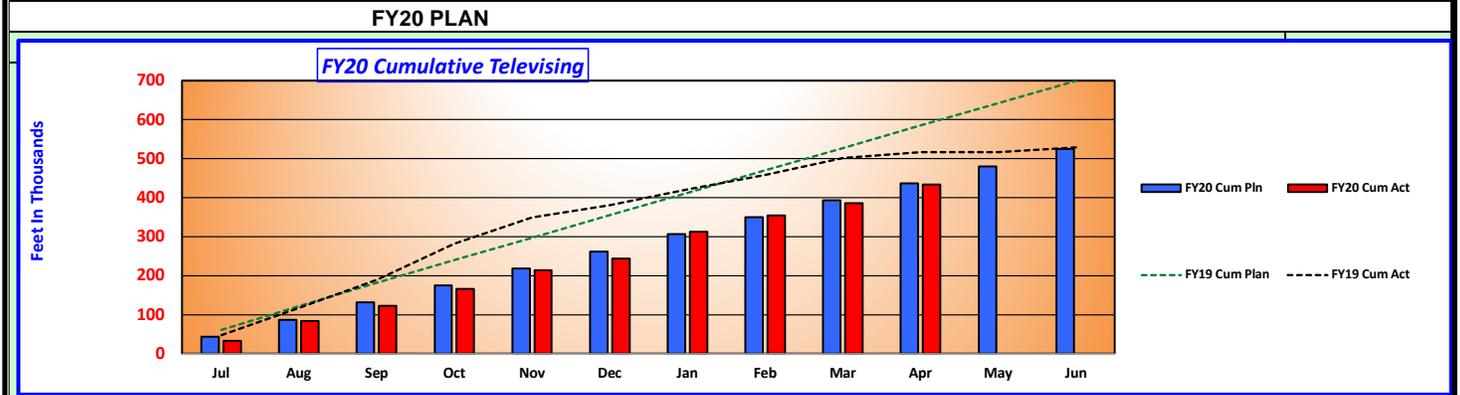
Category 3 - 1,000 gallons or less, does not reach surface waters, full captured

Performance Measures



Cleaning Actual Footages/Costs **Apr-20 Clean Cost/Ft = \$0.95**

Description	FY20 Q1 Footage	FY20 Q2 Footage	Mar-20 Footage	FY20 Q3 Footage	Apr-20 Footages	FY20 YTD Footage	FY20 YE Goal	% Cmpl to Plan
84 Month Hydro-jet Clean	168,654	123,334	47,770	191,217	80,707	563,912	605,190	93.2%
Selective Line Cleaning	34,570	45,494	31,255	76,867	886	157,817	114,574	137.7%
Special Condition Clean	4,456	1,194	947	3,046	192	8,888	31,599	28.1%
Root Control/Chemical Cln	30,594	136,144	16,149	49,225	39,900	255,863	298,028	85.9%
Cast Iron Proj/Other (not included in Cost Per Foot)	0	0	0	0	0	0	0	
Totals	238,274	306,166	96,121	320,355	121,685	986,480	1,049,391	94.0%

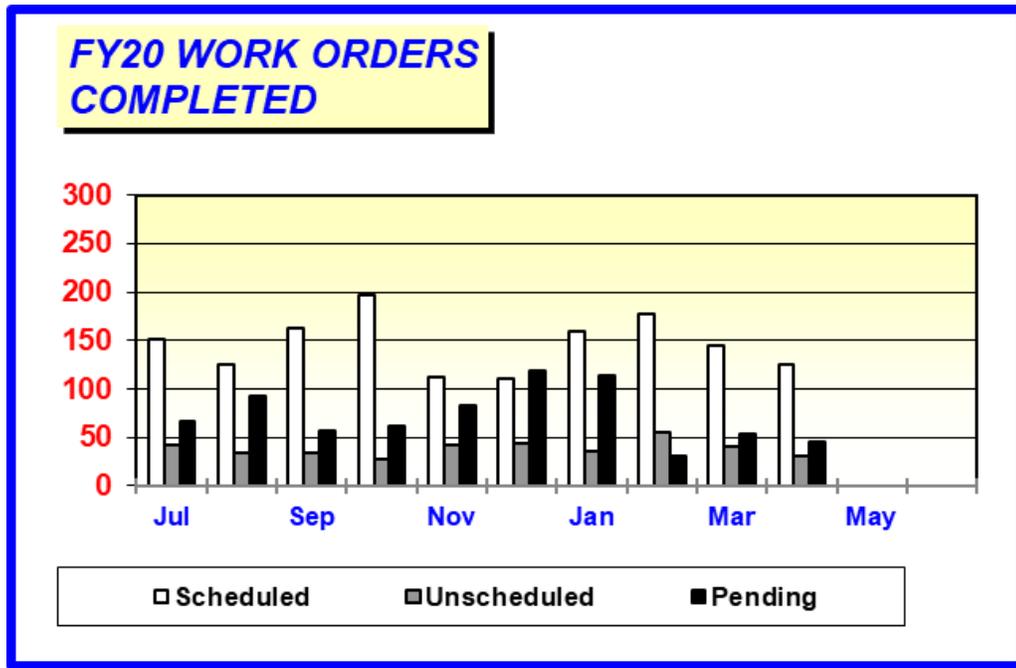


Televising Actual Footages/Costs **Apr-20 TV Cost/Ft = \$2.00**

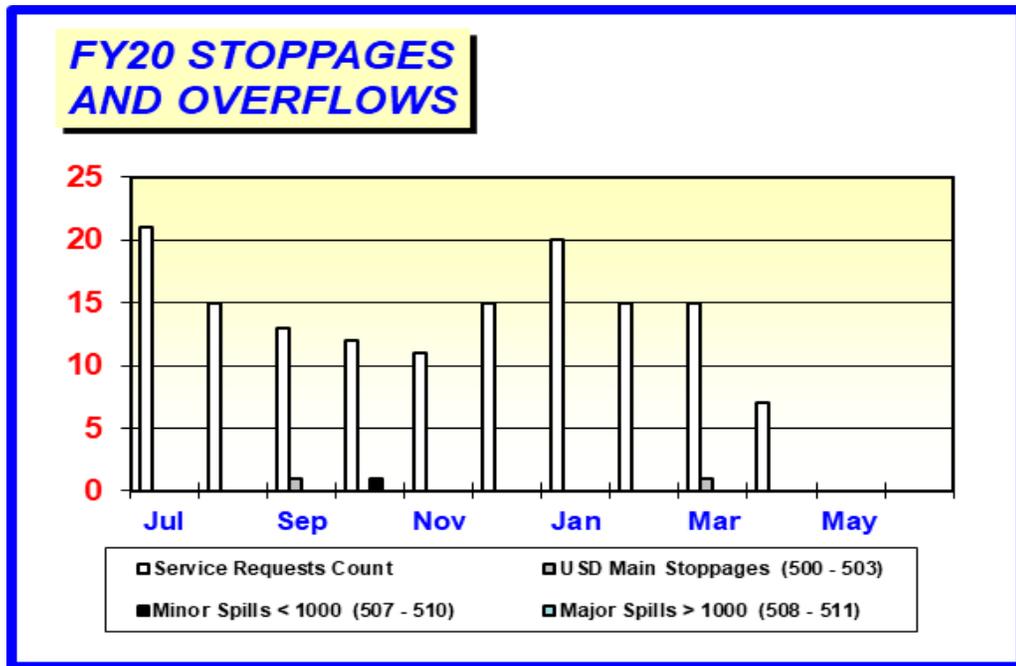
Description	FY20 Q1 Footage	FY20 Q2 Footage	Mar-20 Footage	FY20 Q3 Footage	Apr-20 Footages	FY20 YTD Footage	FY20 YE Goal	% Cmpl to Plan
84 Month TV Inspection	107,959	80,840	31,040	133,515	47,726	370,040	416,533	88.8%
Visual/Condition,Pre/Post Cnst TV	1,644	9,682	0	0	0	11,326	23,481	48.2%
New Development, CIP, Misc.	7,845	12,444	99	5,110	105	25,504	44,852	56.9%
QA/QC Line Condition	0	10,048	0	2,504	0	12,552	17,186	73.0%
QA/QC Root Control	5,198	8,632	0	0	0	13,830	22,352	61.9%
Totals	122,646	121,646	31,139	141,129	47,831	433,252	524,404	82.6%

Other Collection Services Status Data:

Support Team Work Order Status:



C/S Maintenance Status:



Fabrication, Maintenance and Construction Activities Report April 2020

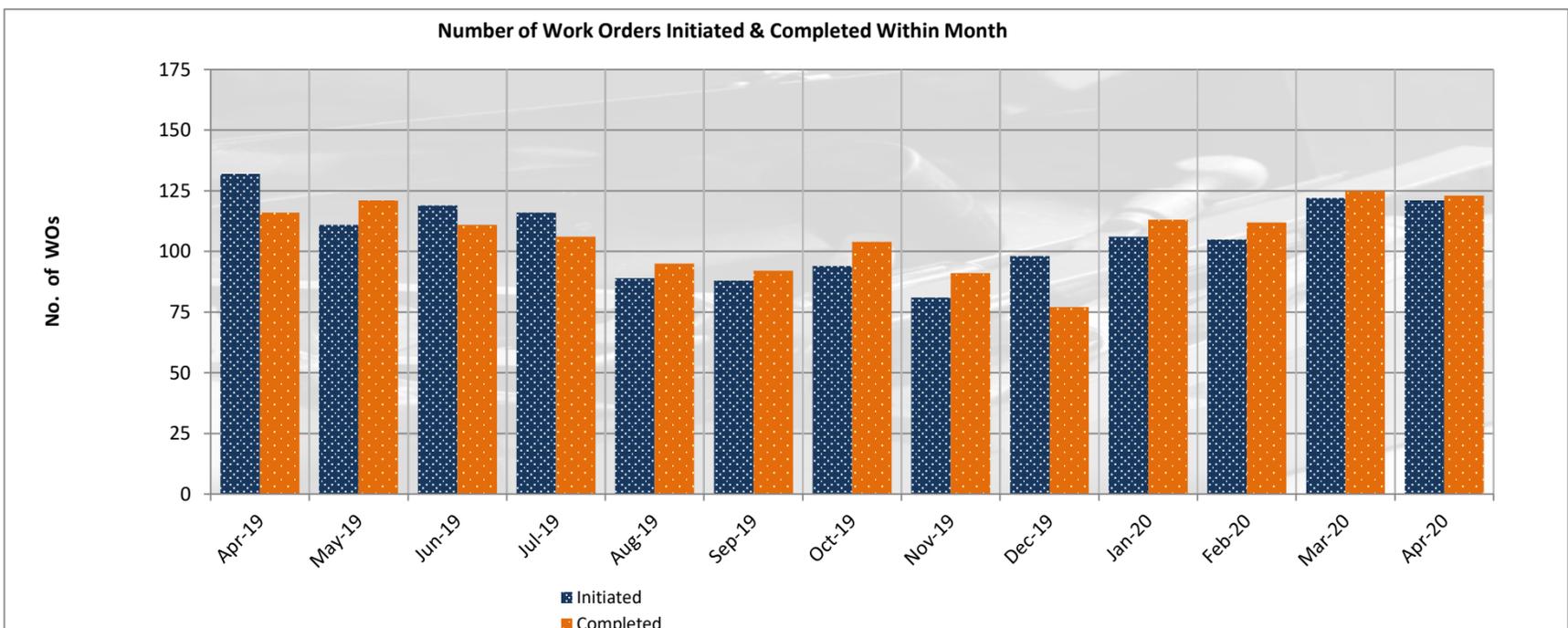
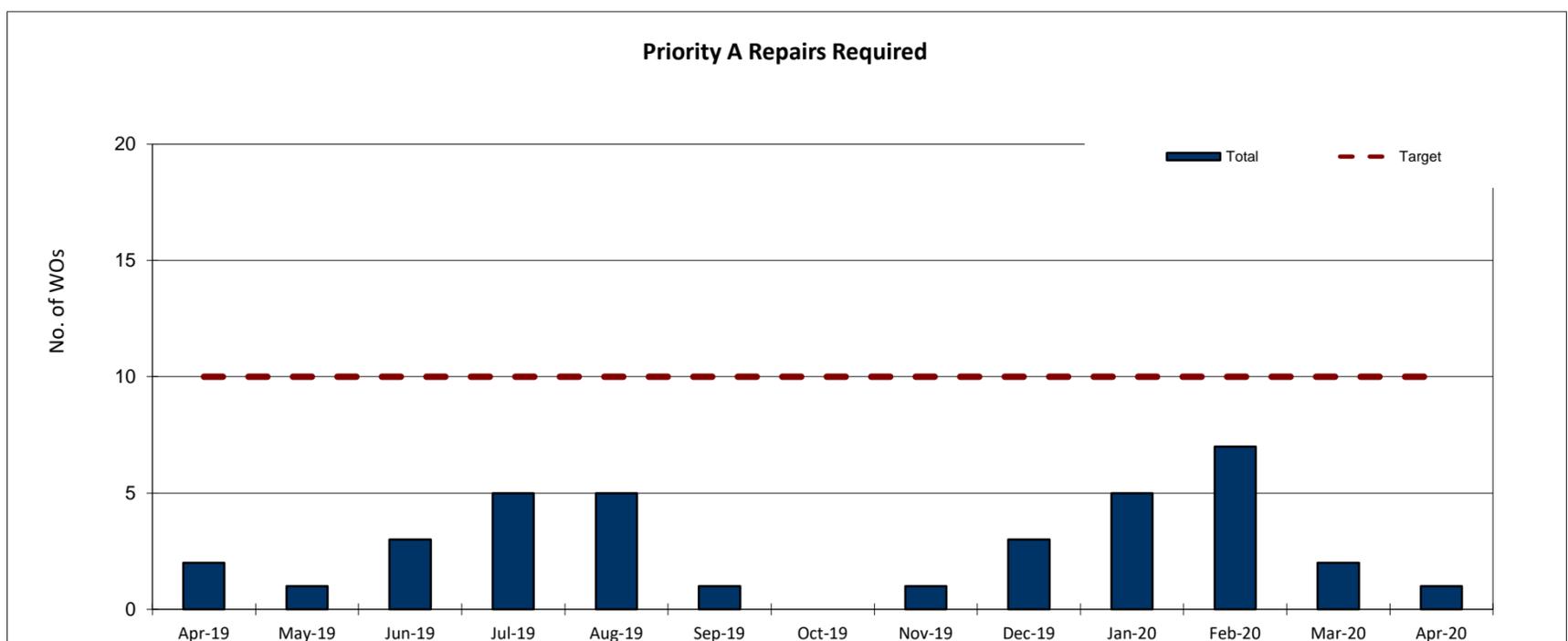
Progress/Accomplishments

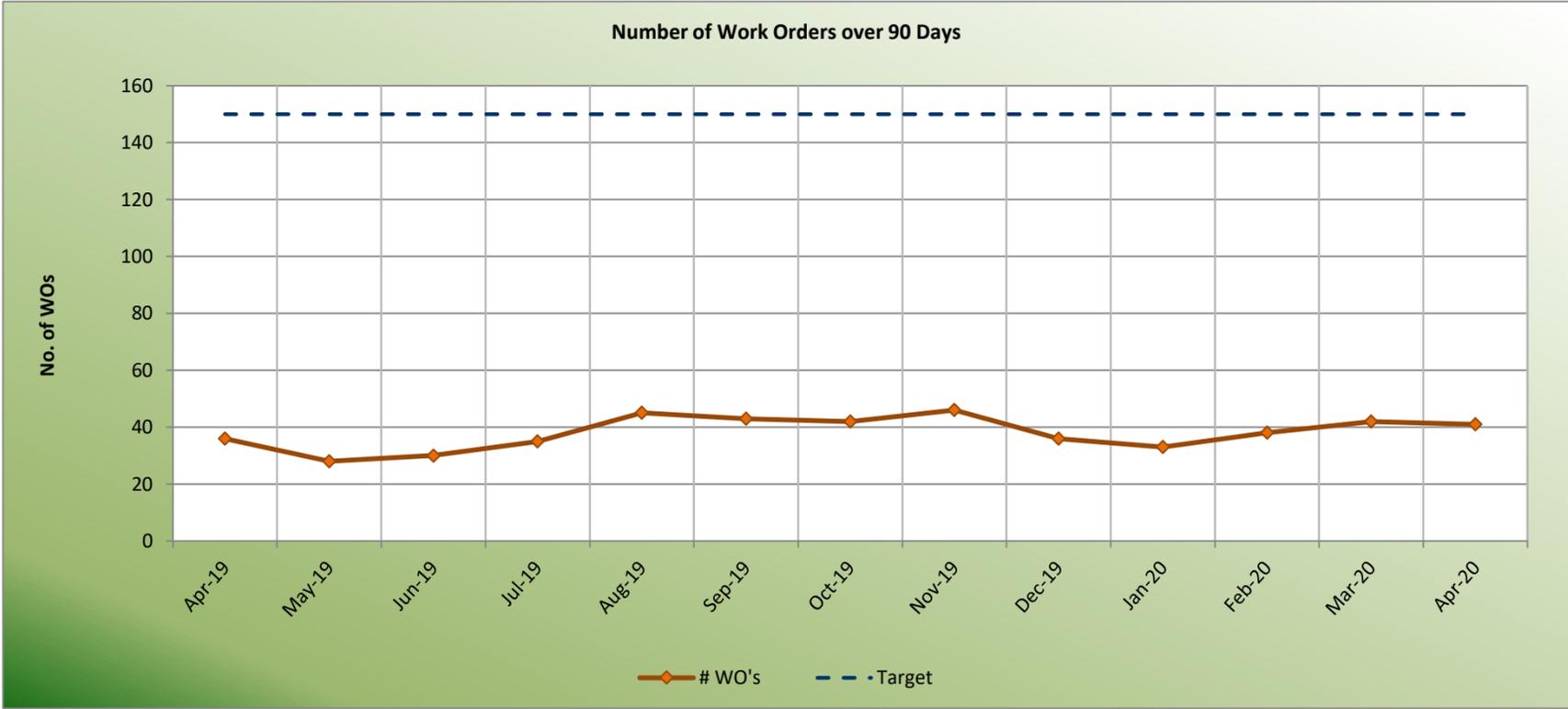
- Completed 99.02% of preventive maintenance activities for the month of April
- Completed 123 corrective maintenance work orders for the month of April
- Repair of drain valve for Aeration Basins 3 & 4
- Primary 5 maintenance and repairs to prep for CIP contractor
- Installation of Vaughn pump at NPS to replace Sewage Pump 6
- Engine and generator services at all pump stations
- APS headgate hydraulic ram base fabrication and repair

Future Planning

- IPS ferrous injection points on FM
- Overhaul of West Degritter
- Painting of CS concrete saw trailer
- MVSA shutdown
- Cogens 1 & 2 2k services

Performance Measurements





**Treatment & Disposal
Activities Report
April 2020**

Progress/Accomplishments

- Maintained 100% compliance with NPDES permits
- Participated in Report of Waste Discharge (ROWD) review meeting. ROWD for Old Alameda Creek was completed and submitted. This is the renewal application for the NPDES Permit
- Completed 99.45% preventive maintenance activities for the month of April
- Began initial training of the new Plant Operator III Trainee
- Attended the Centrifuge Building Improvements Project 90% Design Workshop
- Attended the ETSU Phase 1A No. 3 Preliminary Evaluation Workshop
- Conducted technical investigations of factors influencing load through primary and secondary plant processes
- Maintained shift schedules for the lab
- Developed a sampling plan and provided operator training to respond to odor incidents associated with high loading at influent and aeration influent
- Collected a sample during an odor event which proved to be elevated in CBOD/COD and contained elevated levels of acetone, MEK and other solvents
- Continued comparison study of E. coli in effluent for ELAP certification. District Lab results are comparable to those of the contract lab
- Collected and analyzed grit samples as required for continued disposal at Altamont Landfill
- Analyzed plant liquid and solid treatment system process data for the past four years to aid in process optimization
- Participated in the CASA Covid Coordination & Response Cal
- Attended two CWEA COVID-19 Webinars
- Attended the Portal Upgrade Project Meeting. Conducted finalist interviews with Sharepoint Migration consultants

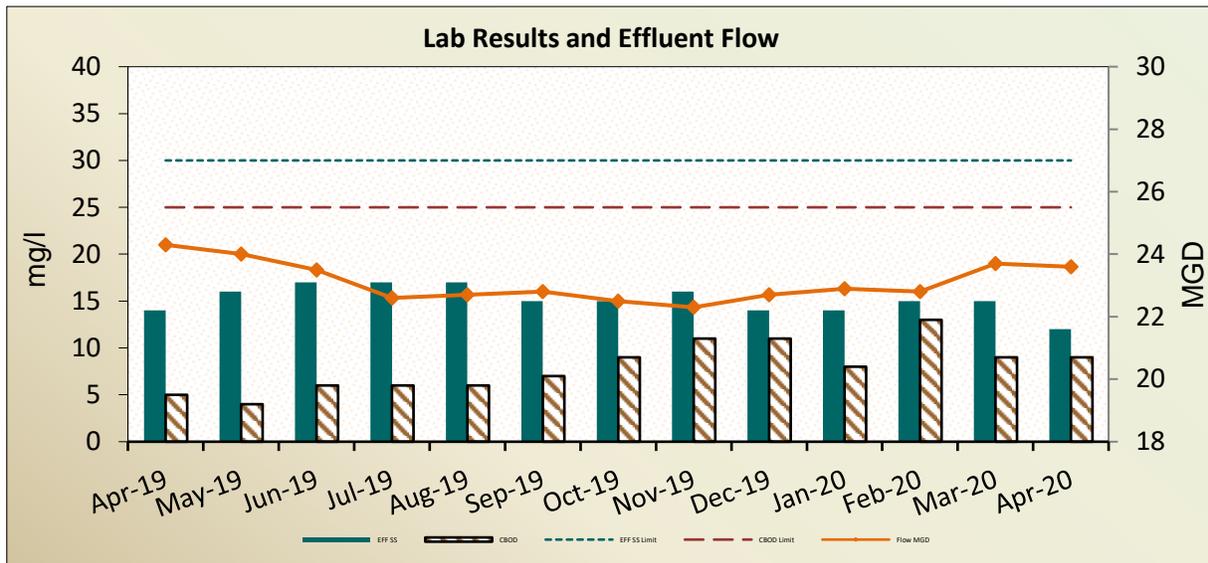
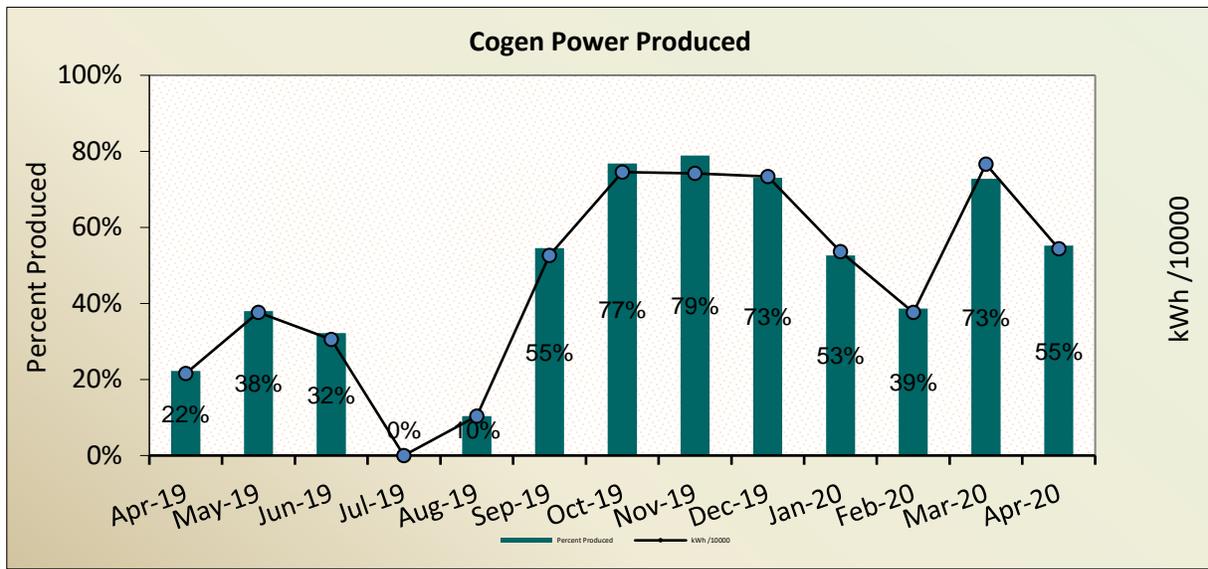
Future Planning

- Create the 2nd Quarter Recycling & Disposal Reporting System Report for CalRecycle
- Attend the ETSU Phase 1A No. 4 Preliminary Evaluation Workshop
- Submit NANI report
- Submit ELAP Certification Renewal
- Provide input on laboratory design as part of ETSU New Campus Project
- Prepare for laboratory audit. Modify laboratory SOPs for compliance with emerging regulations
- Prepare annual Bay Area Air Quality Management District Data Update submittal

Other

- Cogen system produced 55% of power consumed for the month of April

Performance Measurements



USD's Final Effluent Monthly Monitoring Results				
Parameter	EBDA Limit	Feb-20	Mar-20	Apr-20
Copper, µg/l	78	6.5	5.1	5.6
Mercury, µg/l	0.066	0.0026	0.0023	0.0044
Cyanide, µg/l	42	< 0.9	E 1.3	< 0.9
Ammonia- N, mg/L (Range)	130	42.4 - 53.9	39 - 45	39.4 - 51.4
Fecal Coliform, MPN/100ml (Range)				
• 5-Day Geometric Mean	500	19 - 39	20 - 40	19 - 33
• 11-Sample 90th Percentile	1100	96	61 - 96	58 - 69
Enterococci				
• Monthly Geometric Mean	240	10.0	17.9	16.0
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

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

TITLE: Adopt a Resolution Deferring the Collection of Rate Increases Adopted Pursuant to Article XIII(D), Section 6 of the California Constitution on May 11, 2020, Until FY 2022-2023 for Single Family Residential and Multi Family Residential Customers *(This is a Motion Item)*

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

Recommendation

Adopt a Resolution deferring collection of the FY 2021-2022 increases to sewer services charges for single family and multi-family residences until FY 2022-2023

Previous Board Action

May 11, 2020 Board Meeting - The Board adopted Ordinance No. 31-40, and authorized and directed staff to prepare and bring back a resolution deferring collection of FY 2021-2022 rate increases for single family and multi-family residences until FY 2022-2023

Background

On May 11, 2020 the Board held a public hearing pursuant to Article XIII(D), Section 6 of the California Constitution and California Government Code Section 53755 to consider proposed sewer service charge increases. During the presentation on the proposed increases, General Manager Eldredge discussed a proposal for a residential rate deferral program that could alleviate the impact of the proposed rate increases on residential customers. The Board supported the idea and directed staff to bring back a resolution implementing a deferral program to the next Board meeting.

Under the proposed Resolution, collection of FY 2021-2022 increases for all residential customers would be deferred until 2021-2022 and notice would be provided to residential rate-payers in conjunction with the District's annual newsletter / courtesy notice. These increases would then be collected on the tax roles in FY 2022-2023 in addition to the sewer service charge for that fiscal year. Staff estimates that the FY 2021-2022 revenue reduction from the deferred collection of rate increases for residential customers would be approximately \$4,080,416, which would be backfilled for the year out of reserves in a manner consistent with and allowable under the District's financial policies.

Attachments: Resolution

RESOLUTION NO. _____

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE UNION SANITARY DISTRICT DEFERRING THE COLLECTION OF RATE INCREASES ADOPTED PURSUANT TO ARTICLE XIID, SECTION 6 OF THE CALIFORNIA CONSTITUTION ON MAY 11, 2020, UNTIL FY 2022-2023 FOR SINGLE FAMILY RESIDENTIAL AND MULTI FAMILY RESIDENTIAL CUSTOMERS

WHEREAS, on or about March 4, 2020, as part of the State of California’s response to address the global COVID-19 outbreak, the Governor of the State of California declared a State of Emergency to make additional resources available, formalize emergency actions already underway across multiple state agencies and departments, and help the state prepare for broader spread of COVID-19; and

WHEREAS, the Health Officer of Alameda County issued Declarations of Local Health Emergency on March 1 and 5, and on March 10, 2020, the Board of Supervisors of the County of Alameda adopted a Resolution Ratifying the Declarations of Local Health Emergency; and

WHEREAS, on March 11, 2020, the World Health Organization (WHO) characterized COVID-19 as a global pandemic and the number of cases will tragically continue to increase across the United States and globally; and

WHEREAS, on March 13, 2020, the City of Fremont declared a local emergency, on March 16, 2020, the City of Newark declared a local emergency, and on March 17, 2020, the City of Union City declared a local emergency; and

WHEREAS, on March 16, 2020, the Health Officer of Alameda County adopted an “Order Of The Health Officer Of The County Of Alameda Directing All Individuals Living In The County To Shelter At Their Place Of Residence Except That They May Leave To Provide Or Receive Certain Essential Services Or Engage In Certain Essential Activities And Work For Essential Businesses And Governmental Services; Exempting Individuals Experiencing Homelessness From The Shelter In Place Order But Urging Them To Find Shelter And Government Agencies To Provide It; Directing All Businesses And Governmental Agencies To Cease Non-Essential Operations At Physical Locations In The County; Prohibiting All Non-Essential Gatherings Of Any Number Of Individuals; And Ordering Cessation Of All Non-Essential Travel,” and has issued subsequent orders modifying and extending the original shelter in place order; and

WHEREAS, on March 16, 2020, the Governor of the State of California issued Executive Order No. 28-20 encouraging public utilities to implement customer service protections for critical utilities; and

WHEREAS, on March 19, 2020, the Governor of the State of California issued Executive Order N-33-20 mandating that all Californians stay at home or at their place of residence except in order to maintain critical infrastructure sectors; and

WHEREAS, the COVID-19 emergency and Alameda County Shelter-in-Place orders and the State Stay Home Order have resulted in a financial crisis and increasing unemployment in Alameda County and throughout the State of California; and

WHEREAS, on May 11, 2020, the Union Sanitary District conducted a hearing to consider proposed increases to sewer service charges for Fiscal Years 2021-2025; and

WHEREAS, at the May 11, 2020 meeting, the Board also discussed a residential rate deferral program that could alleviate the impact of the proposed rate increases on residential customers by deferring collection of the first year's rate increases; and

WHEREAS, on May 11, 2020, the Union Sanitary District Board of Directors (the "Board") adopted Ordinance No. 31.40 establishing sewer service charges for Fiscal Years 2021-2025; and

WHEREAS, on May 11, 2020, the Board also authorized and directed staff to prepare a resolution approving a fee deferral program that would defer collection of the residential rate increases for Fiscal Year 2021-2022 for single-family residential and multi-family residential until Fiscal Year 2022-2023; and

WHEREAS, Ordinance No. 31.40 increased rates in Fiscal Year 2021-2022 by a fixed amount of \$33.20 for single-family residences and a fixed amount of \$35.26 for multi-family residences; and

WHEREAS, in recognition of the financial crisis caused by the COVID-19 emergency, the Union Sanitary District seeks to temporarily use its reserves to defer collection of the Fiscal Year 2021-2022 rate increases for single family and multi-family residences until Fiscal Year 2022-2023.

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

1. The District will defer the collection of the sewer service charge increase in Fiscal Year 2021-2022 of \$33.20 for single-family residences and \$35.26 for multi-family residences that was adopted in Ordinance No. 31.40 until Fiscal Year 2022-2023.

2. The District will provide written notice of the fee collection deferral to all single-family and multi-family ratepayers in conjunction with the District's annual newsletter / courtesy notice.

3. The District will indicate in its written report on Sewer Service Charges for Collection on Tax Rolls for Fiscal Year 2021-2022 that: (a) the sewer service charge for single family residences will be \$421.37, which is the same as the sewer service charge for Fiscal Year 2020; and (b) the sewer service charge for multi-family residences will be \$365.32, which is the same as the sewer service charge for Fiscal Year 2020.

4. The District will provide in its written report on Sewer Service Charges for Collection on Tax Rolls for Fiscal Year 2022-2023 that, in addition to the sewer service charge for Fiscal Year 2022-2023 established by Ordinance No. 31.40, the deferred collection of the increase for Fiscal Year 2021-2022 for single family and multi-family residences will be collected.

* * * * *

On motion of _____, seconded by _____, the above resolution was introduced and passed by the Board of Directors of Union Sanitary District at a regular meeting of said Board held on the 26th day of May, 2020, and adopted by the following vote:

Ayes:

Noes:

Absent:

Abstain:

JENNIFER TOY
President, Board of Directors
Union Sanitary District

ATTEST:

PAT KITE
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

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

TITLE: Scheduling Public Hearing to Consider Collection of Sewer Service Charges on the Tax Roll for Fiscal Year 2021 (*This is a Motion Item*)

SUBMITTED: Paul R. Eldredge, General Manager/District Engineer
Laurie Brenner, Finance & Acquisition Services Team Coach

Recommendation

Set the time for holding the public hearing to consider collection of sewer service charges on the tax roll for fiscal year 2021, at 4:00 p.m. or as soon thereafter as the matter may be heard, on June 22, 2020, in the Boardroom at 5072 Benson Road, Union City, California.

Previous Board Action

05/11/2020 Board Meeting- Approval of Sewer Service Charge Rates for Fiscal Years 2021 to 2025.

05/11/2020- Board Meeting- Adopted Ordinance No. 31.40, Amending Ordinance No. 31.39, Setting the Sewer Service Charges Specified Therein for Fiscal Years 2021 Through 2025.

Background

On May 11, 2020, the Board approved sewer service charge rates for fiscal years 2021 through 2025. The collection of the sewer service charges on the tax rolls requires an annual hearing and consideration of the Board. The District may authorize the sewer service charges for fiscal year 2021 to be collected on the tax rolls, consistent with past practices, by 1) creating a report setting forth the amount of the sewer service charges to be assessed on each parcel in the District; 2) filing the report with the Secretary of the Board; 3) scheduling a public hearing for

the Board to hear all objections and protests (if any); and 4) authorizing the collection of the sewer service charges on the tax rolls, if there is no majority protest.

If the Board would like to consider placing the sewer service charges for fiscal year 2021 on the tax rolls, it should set the date for the public hearing to consider authorizing the collection. After the hearing is set by the Board, staff will prepare the report to be considered at the public hearing and will publish the attached Notice of the time and place of the hearing in the Argus newspaper on June 5, 2020 and June 12, 2020, and in the Tri-City Voice on June 9, 2020 and June 16, 2020.

UNION SANITARY DISTRICT

NOTICE OF FILING REPORT AND PUBLIC HEARING IN CONNECTION WITH THE COLLECTION OF FISCAL YEAR 2021 SEWER SERVICE CHARGES ON THE PROPERTY TAX ROLL

NOTICE IS HEREBY GIVEN that pursuant to Sections 5471 and 5473, et seq. of the Health and Safety Code of the State of California and Union Sanitary District Ordinance No. 31, the Board of Directors of Union Sanitary District will consider whether to collect its charges for sewer services for fiscal year 2021 on the tax roll, in the same manner as general taxes, consistent with past practices.

The District has filed a written report with the Secretary of the Board of Directors describing each parcel of real property subject to the charges and the amount of the charges against that parcel for fiscal year 2021. The District's report is on file and available for public inspection at the District Offices.

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

NOTICE IS FURTHER GIVEN that on Monday, the 22th day of June 2020, at the hour of 4:00 p.m. or as soon thereafter as the matter may be heard, at the Union Sanitary District Boardroom, 5072 Benson Road, Union City, California, in said District, the Board will hold a hearing to consider the report and whether to collect the sewer service charges for fiscal year 2021 on the property tax roll. At the hearing, the Board of Directors will hear and consider all objections or protests, if any, to the District's report. Any questions regarding the charges may be directed to Finance & Acquisition Services Coach, Laurie Brenner.

Publish dates: June 5, 2020 – Argus
June 12, 2020 – Argus
June 9, 2020 – Tri-City Voice
June 16, 2020– Tri-City Voice

By order of the Board of Directors of 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

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

TITLE: Consider a Resolution to Accept the Construction of the Sludge Degritter System Project from Kiewit Infrastructure West Company (*This is a Motion Item*)

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

Recommendation

Staff recommends the Board consider a resolution to accept the construction of the Sludge Degritter System Project (Project) from Kiewit Infrastructure West Company (Kiewit) and authorize recordation of a Notice of Completion.

Previous Board Action

August 24, 2015, the Board authorize the General Manager to execute an Agreement and Task Order No. 1 in the amount of \$180,629 with West Yost Associates for the design of the Project.

May 9, 2016, the Board authorized staff to specify Hydro International as a sole source manufacturer of the sludge degritter equipment for the Project.

September 12, 2016, the Board awarded the construction contract for the Project to Kiewit in the amount of \$1,436,000.

September 26, 2016, the Board authorized the General Manager to execute Task Order No. 2 with West Yost Associates in the amount of \$70,110 to provide engineering services during construction of the Project.

Background

Prior to the construction contract, the Plant had two sludge degritter units that were used to remove grit from the primary clarifier sludge. The sludge degritter units, located on the second floor of the Degritter Building, receive sludge flow from Primary Clarifiers 1 through 6. The degritter equipment removes grit through a two-stage system. It first separates the grit from the sludge using the Eutek SlurryCup and then dewateres the grit by utilizing the Eutek Grit Snail equipment. The dewatered grit is discharged into a hopper for removal by truck to landfill for disposal, while the sludge is conveyed to the Thickener Control Building for further treatment. Figure 1 shows the location of these process areas.

Both degritters were required to operate concurrently in order to handle the sludge flow from the primary clarifiers. When one of the degritters is out of service due to regular backwash cycle of the SlurryCup or preventive maintenance, the other unit did not have the capacity to process all the primary sludge flow. This resulted in additional sludge accumulation in the primary clarifiers and the lower sludge flow rate could affect the ability of the thickeners to efficiently settle the solids. Therefore, staff determined that an additional degritter is needed to provide redundancy to the system and to maintain the sludge flow rate to improve the thickening process.

On September 12, 2016, the Board awarded the construction contract to Kiewit in the amount of \$1,436,000. The Project's major elements included the following:

- Installation of one new Hydro International/Eutek (Hydro) Sludge Degritting System and associated piping, valves, fittings, and controls.
- Installation of a shaftless screw conveyor to transport dewatered grit to the existing grit hopper.
- Installation of a jib crane on the roof of the Degritter Building to allow removal of the new degritter components through the roof access hatch covers.

The attached photos in Figures 2 through 4 show the new Sludge Degritter System installed at Degritter Building. Staff provided construction management and inspection services for the Project.

Construction Contract

Staff issued the Notice to Proceed to Kiewit on October 11, 2016 with a contract duration of 380 calendar days and an original contract completion date of October 25, 2017. Contract Change Order Nos. 5 and 22 extended the duration of the contract by 37 and 853 calendar days, respectively. Kiewit substantially completed all work on April 2, 2020. Project completion was delayed primarily due to the performance deficiency of the Sludge Degritter System.

During the initial round of performance testing in October 2017, it was found that the new Sludge Degritter System did not meet contract requirements for the solid concentrations in the dewatered grit. As a result, the equipment supplier, Hydro, conducted multiple sampling events and replaced various components of the new Sludge Degritter System in an attempt to meet the performance requirements. During the past two years, Hydro conducted ten sampling events with multiple components that were either installed or replaced, which extended the duration of the contract. One of the replaced components was a new SlurryCup, which required a long lead time due to its fabrication. Other components that were either installed or replaced were a reducer nozzle at the inlet of the SlurryCup and a larger diameter vortex valve and under-flow drain pipe at the bottom of the SlurryCup. At the conclusion of the sampling events, Hydro was able to meet the grit removal efficiency but could not meet the total solid and volatile solid concentrations in the dewatered grit.

During the sampling events, West Yost evaluated the hydraulics of the sludge piping system and could not determine whether it was a factor in new degritter's failure to meet all the performance requirements. After the sampling events were completed, staff hired Carollo Engineers (Carollo) as a third-party consultant to perform a hydraulic evaluation of the primary sludge piping system to determine if any of the new upstream and downstream piping modifications would affect the performance of the new and existing degritters. Carollo concluded that nothing in the current piping configuration would impact the performance of the new and existing sludge degritters. The cause of the low solids concentration in the dewatered grit was inconclusive. However, since the system performed similar to the two existing degritter units, staff decided to negotiate a settlement to offset the potentially higher grit disposal costs and accept the equipment.

Negotiations pertaining to the performance deficiency of the new Sludge Degritter System were recently concluded which included a credit to the District and a non-compensable contract time extension of the Contract. Staff and Kiewit agreed to resolve the performance deficiency of the new Sludge Degritter System through execution of Contract Change Order (CCO) No. 22.

Contract Change Orders

The Project included 22 CCOs in the amount of \$66,922.32, which is approximately 4.66% of the original contract amount. A list of the CCOs is included in the attached Table 1. A summary of the notable CCOs is provided below:

1. CCO No. 11, Jib Crane – Additional Foundation Bracing

CCO No. 11 is in the amount of \$16,115.91 for the additional steel bracing welded to the jib crane's foundation on the Degritter Building roof. The foundation was discovered to be not rigid enough to properly support the jib crane.

2. CCO No. 17, Addition of Stairs and Platform above Existing Grit Hopper

CCO No. 17 is in the amount of \$25,559.84 for the addition of aluminum stairs and platform above the existing grit hopper to improve access during maintenance activities of the existing sludge Degritter units.

3. CCO No. 22, Settlement of Performance Deficiency for Sludge Degritter System

CCO No. 22 is a credit amount of \$26,833 and grants a non-compensable time extension of 853 calendar days for the performance deficiency of the new Sludge Degritter System. The settlement amount of \$26,833 represents the estimated present value of the increased grit disposal costs over 30 years, the expected useful life of the equipment. This equates to a nominal increase of \$895/year in annual grit disposal and hauling costs.

Staff recommends the Board consider a resolution to accept the construction of the Sludge Degritter System Project from Kiewit Infrastructure West Company and authorize recordation of a Notice of Completion.

PRE/SEG/RC/KC;mb

Attachments: Figure 1 – Site Plan
Figures 2 through 4 – Photos
Table 1 – CCO Summary
Resolution
Notice of Completion

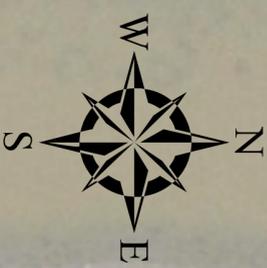
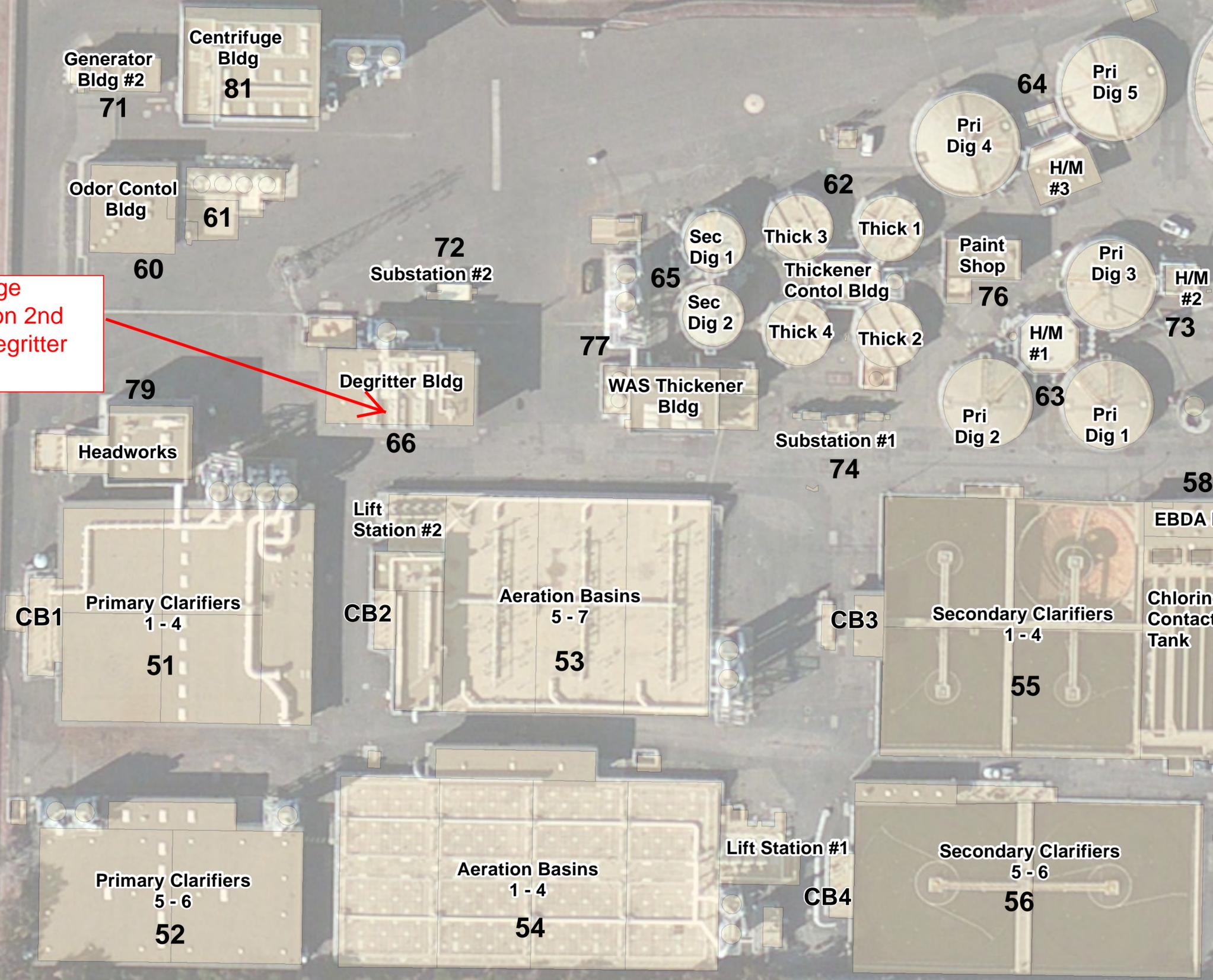


Figure 1

SITE MAP
SLUDGE DEGRITTER SYSTEM PROJECT

New sludge degritter on 2nd floor of Degritter Building



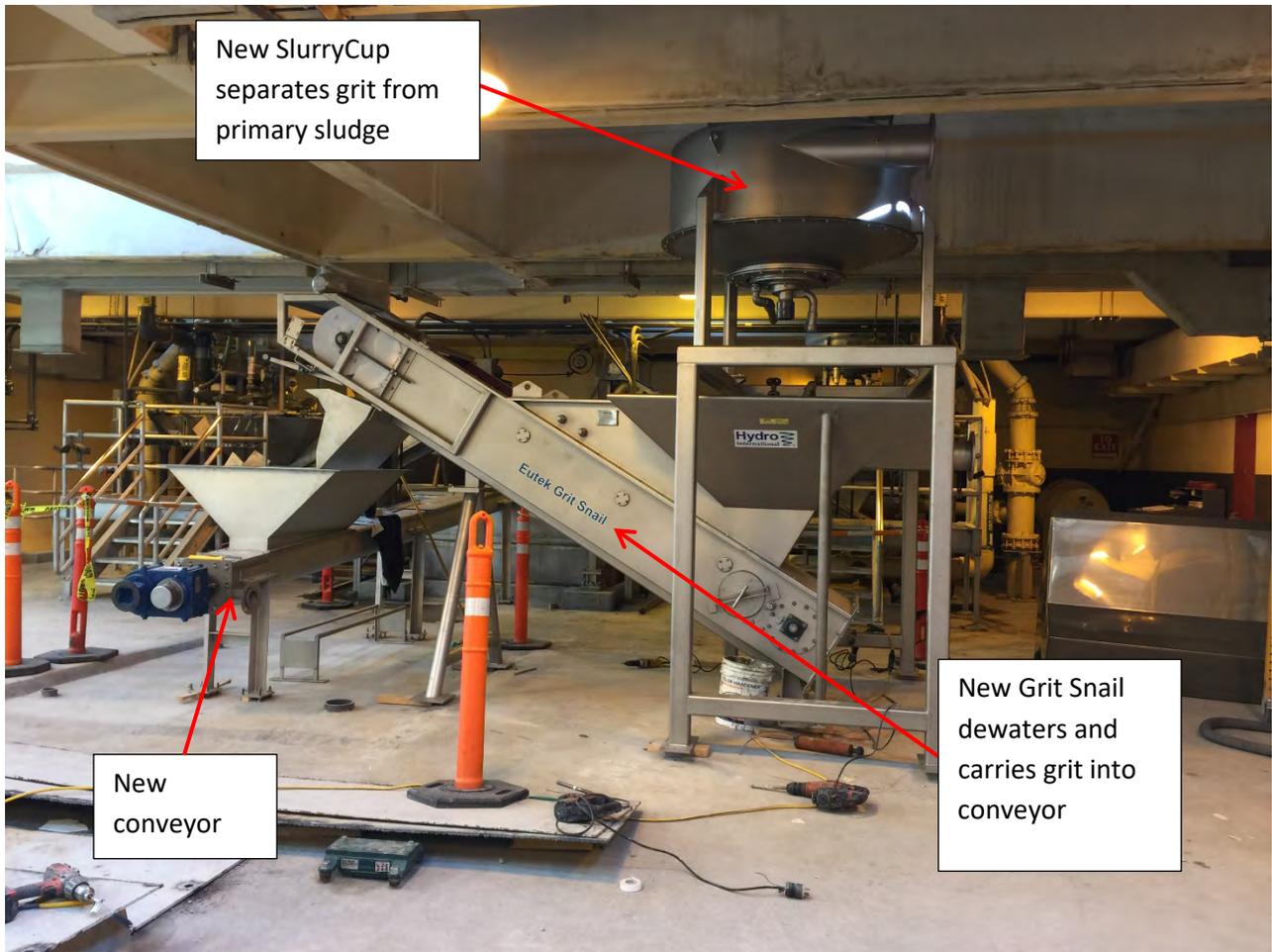
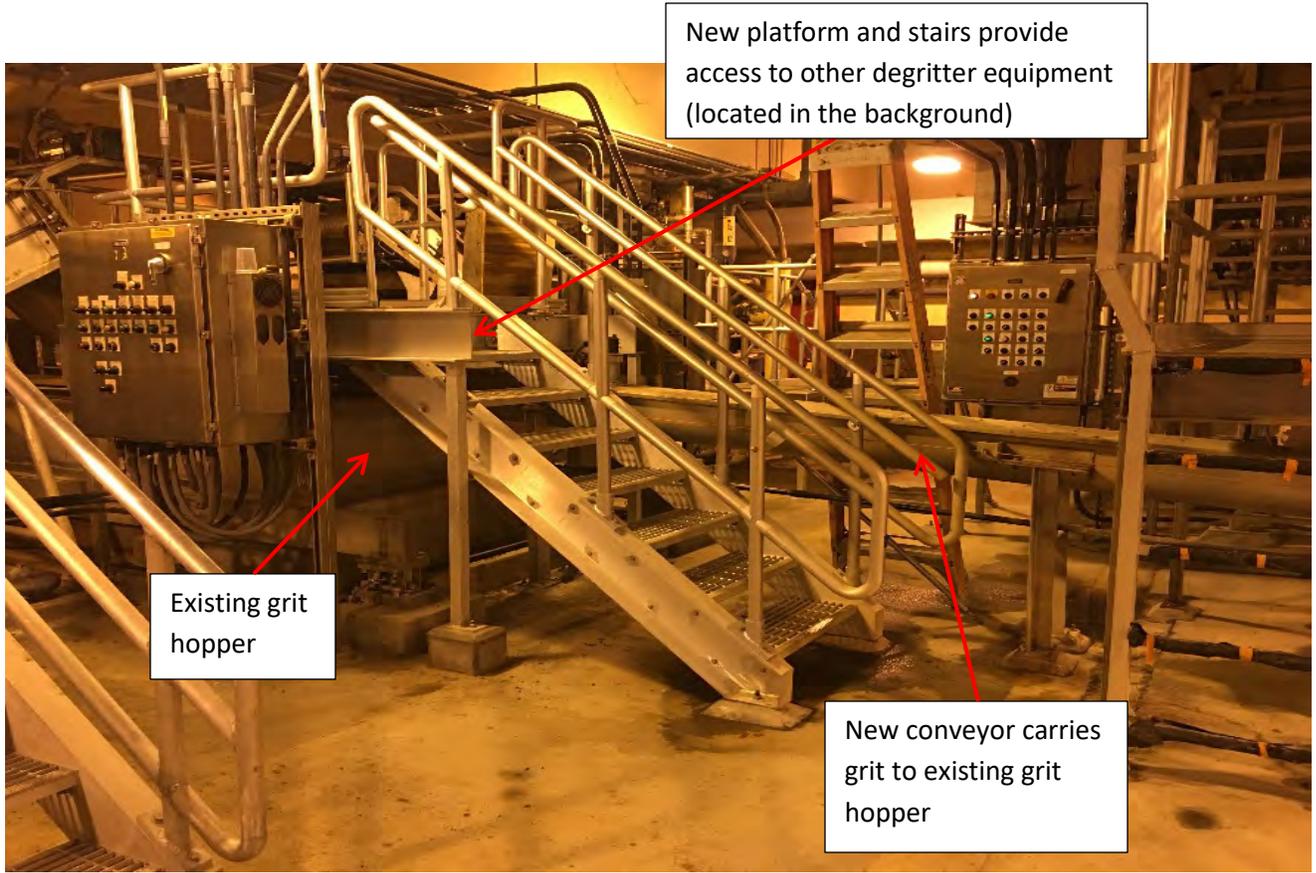


Figure No. 2 – New Degritter System during Construction



Figure No. 3 – New Degritter System with New Platforms



New platform and stairs provide access to other degritter equipment (located in the background)

Existing grit hopper

New conveyor carries grit to existing grit hopper

Figure 4 – Existing Grit Hopper and New Platform and Stairs

Table 1
Sludge Degritter System Project 900-468
Contract Change Order Summary

No.	Title	Amount
1	Coating System Substitution	\$ 0.00
2	Water Booster Pump Electrical Changes	\$ 0.00
3	Programming Revisions to Degritter Local Control Panel	\$ 1,202.00
4	Revisions to Grit Hopper Attachment Detail and Addition of 3-inch Drain Line for Grit Snail	\$ 0.00
5	Revisions to Primary Sludge Ductile Iron Piping	\$ 1,126.00
6	Demolition of abandoned Fiberglass Ducts on Degritter Building Roof	\$ 1,549.50
7	Modify Upper Platforms for Degritter	\$ 8,279.77
8	No. 4 Water Conflict with 8" Sludge Pipe	\$ 6,098.98
9	Grit Overflow Pipe Tie-in Support	\$ 2,700.48
10	Add Vent Line to Temporary Primary Sludge Bypass Line	\$ 1,132.46
11	Jib crane - Additional Foundation Bracing	\$ 16,115.91
12	Change 8" PS Ductile Iron Fittings	\$ 725.65
13	Chipping and Grouting to Level Floor	\$ 5,488.22
14	Furnish and Install Aluminum Grating Cover for New Conveyor Hopper	\$ 813.04
15	Change 10" Degrittied Primary Sludge Valves Manual Actuators	\$ 6,125.02
16	Relocate 10" Degrittied Primary Sludge Pipe Support	\$ 404.17
17	Addition of Stairs and Platform Above Existing Grit Hopper	\$ 25,559.84
18	Re-route and Reduce Foul Air Duct at Grit Snail Clarifier	\$ 2,050.66
19	Wiring revisions to Existing Local Control Panels	\$ 4,847.44
20	Additional Conduit and Wiring for Existing Electric Hoist	\$ 9,020.63
21	Special Bypass Pipe Fitting Correction	\$ 515.55
22	Settlement for Performance Deficiency of Sludge Degritter System	\$ (26,833.00)
	Total	\$ 66,922.32
	% Change Order (\$1,436,000 Contract Amount)	4.66%

RESOLUTION NO. _____

**ACCEPT CONSTRUCTION OF THE
SLUDGE DEGRITTER SYSTEM PROJECT
LOCATED IN THE CITY OF UNION CITY, CALIFORNIA
FROM KIEWIT INFRASTRUCTURE WEST COMPANY**

RESOLVED, by the Board of Directors of the UNION SANITARY DISTRICT that it hereby accepts the Sludge Degritter System Project from Kiewit Infrastructure West Company, effective May 26, 2020.

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

On motion duly made and seconded, this resolution was adopted by the following vote on May 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:**

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

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

NOTICE OF COMPLETION

NOTICE IS HEREBY GIVEN by the **UNION SANITARY DISTRICT**, Alameda County, California, that the work hereinafter described, the contract for the construction of which was entered into on October 11, 2016, by said District and **Kiewit Infrastructure West Company**, 4650 Business Center Drive, Fairfield, CA 94534, Contractor for the Project, “Sludge Degritter System Project,” was substantially completed on April 2, 2020 and accepted by said District on May 26, 2020.

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

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

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

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

Executed on _____ at UNION CITY, CALIFORNIA.

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



Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

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

Karen W. Murphy
Attorney

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

TITLE: **Authorize the General Manager to Execute Change Order No. 1 with Thatcher Company of California, Inc. for the Odor Control Alternatives Study. (*This is a Motion Item*)**

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

Recommendation

Staff recommends the Board authorize the General Manager to execute Change Order No. 1 and the corresponding settlement agreement with Thatcher Company of California, Inc. for the Odor Control Alternatives Study.

Previous Board Action

January 9, 2017, the Board authorized the General Manager to execute an agreement and Task Order No. 1 with CH2M HILL Engineers, Inc. (CH2M) in the amount of \$139,801 for the Odor Control Alternatives Study.

February 26, 2018, the Board authorized the General Manager to execute Task Order No. 2 with CH2M in the amount of \$190,033 for the Odor Control Alternatives Study.

July 23, 2018, the Board awarded the contract for a temporary calcium nitrate chemical feed system to Thatcher Company of California, Inc. in the amount of \$112,482.78 for the Odor Control Alternatives Study.

Background

On January 9, 2017, the Board authorized the General Manager to execute an agreement and Task Order No. 1 with CH2M. During this initial phase, CH2M conducted air sampling at the Alvarado Wastewater Treatment Plant (Plant), developed a dispersion model of the Plant's facilities, and evaluated odor control alternatives not included in previous odor control studies.

On February 26, 2018, the Board authorized the General Manager to execute Task Order No. 2 with CH2M. One of the primary objectives of Task Order No. 2 was to develop an odor model to evaluate current odor impacts in the collection system, identify wastewater characteristics, and simulate different chemical dosing schemes. In order to accomplish these objectives, CH2M recommended two odor control technology alternatives be pilot tested at the Newark Pump Station (PS) and Irvington PS. One of the technology alternatives that CH2M recommended to be pilot tested was the dosing of calcium nitrate chemical.

In June 2018, staff issued an invitation for bid (IFB) for the pilot test of a Calcium Nitrate Chemical System at Newark PS and Irvington PS. The bid results were as follows:

Vendor	Bid Amount
Thatcher Company of California, Inc. Sacramento, CA	\$112,482.78
Evoqua Water Technologies Sarasota, FL	\$237,369.06
Evoqua Water Technologies Sarasota, FL	\$200,139.66 (Alternate dosing control system)

Thatcher's bid included the cost of the calcium nitrate chemical that was used during the pilot test.

Pilot Test Contract

Staff issued a purchase order to Thatcher on July 26, 2018. In September 2018, Thatcher installed two temporary calcium nitrate chemical dosing systems at Newark PS and Irvington PS to pilot test two dosing schemes with a total scheduled contract duration of 4-weeks.

The total duration of the calcium nitrate pilot test lasted for a duration of approximately 3.5 weeks. However, CH2M was able gather sufficient data to evaluate the effectiveness of calcium nitrate chemical as an odor control technology alternative. CH2M included the data from the pilot test and their odor control recommendations in the draft Odor Control Study Report. Finalization of the report is pending completion of additional odor control technology pilot

testing at the Plant that is currently scheduled to begin in summer 2020 and complete by spring/summer 2021.

Change Order No. 1

Contract Change Order (CCO) No. 1 is for the additional chemical usage during the pilot test claimed by Thatcher. CCO No. 1 is in the amount of \$30,000 and is approximately 26.7% of the original contract amount. Thatcher informed the District during the 4-week pilot test that the estimated chemical usage included in their bid will not be enough to meet the 4-week pilot test requirements.

Thatcher initially requested a change order in the amount of \$89,610.79 for the actual amount of chemicals used. However, the contract did not have any provisions that would allow such a request since the amount of chemical required was determined by the bidder. The contract specified a maximum chemical pump capacity of 800 gallons per day (gpd) for each of the two sites. However, Thatcher installed larger chemical pumps at the two sites that supported their estimated chemical dosing rate of 1,000 gpd. At the conclusion of the pilot test, Thatcher's actual volume of chemical used was 72,062 gallons for both sites, which was the basis of Thatcher's requested change order amount. Instead of compensating Thatcher for all their additional chemical cost, staff negotiated to pay for only the hypothetical difference in chemicals used between the specified pump capacity and Thatcher's estimated chemical dosing rate, or an additional 200 gpd for each of the two sites, or a total of 11,200 gallons. This calculated chemical volume was used as the basis of the settlement agreement.

Negotiations pertaining to Thatcher's claim were recently concluded with the negotiation of a settlement agreement and mutual release between the District and Thatcher, which has been executed by Thatcher pending approval of this change order. The District will execute CCO No. 1 and the underlying settlement agreement for this settlement amount upon Board authorization.

Staff recommends the Board authorize the General Manager to execute Change Order No. 1 and the corresponding settlement agreement with Thatcher Company of California, Inc. for the Odor Control Alternatives Study.

PRE/SEG/RC/KC;mb

Attachments: Change Order No. 1
Settlement Agreement

CONTRACT CHANGE ORDER No. 01

**Union Sanitary District
Pilot Test of Temporary Nitrate Chemical Feed and Storage System
Invitation for Bid No. S-18-S-263**

Item: Settlement for Additional Chemical Usage During Pilot Test

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

DESCRIPTION OF CHANGE:

Pursuant to a Settlement Agreement and Mutual Release (Agreement) executed by the District and the Contractor, the District has agreed to pay the amount of this contract change order (CCO) to resolve claims regarding chemical usage during the pilot test of temporary nitrate chemical feed and storage system. The date of Board authorization to execute this CCO and the Agreement is May 26, 2020.

REFERENCES: Settlement Agreement and Mutual Release

COST OF CHANGE: \$30,000

CONTRACT TIME ADJUSTMENT: 0 days

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

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

ACCEPTED:

Thatcher Company of California, Inc.
Project Manager:

By: _____
Craig N. Thatcher

Date: _____

RECOMMENDED FOR ACCEPTANCE:

Union Sanitary District
Project Manager:

By: _____
Kevin Chun

Date: _____

AUTHORIZED STAFF APPROVAL:

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

Union Sanitary District
Authorized Representative:

By: _____
Paul R. Eldredge, General Manager

Date: _____

SETTLEMENT AGREEMENT AND MUTUAL RELEASE

This Settlement Agreement (the "Settlement Agreement") is entered into and effective as of _____, 2020, the date of last execution by the Parties (the "Effective Date"), by and between Thatcher Company of California, Inc. ("Thatcher") and the Union Sanitary District ("District"). Thatcher and District may be individually referred to herein as a "Party" and collectively referred to as the "Parties".

R E C I T A L S

A. District and Thatcher entered into a purchase order dated July 26, 2018, referred to as IFB #S-18-S-263, for a Pilot Test of Temporary Nitrate Chemical Feed and Storage System ("Contract").

B. Thatcher requested additional funds under the Contract by letter dated September 28, 2018, the Parties discussed resolution of the claim, and Thatcher filed a formal appeal with the District for remaining funds under the Contract by letter dated October 10, 2019 (all of these allegations are collectively referred to herein as the "Dispute").

C. This Settlement Agreement arises out of and seeks to resolve the Dispute and payment by District under the Contract.

NOW, THEREFORE, in consideration of the promises contained herein and for other good and valuable consideration, receipt of which is hereby acknowledged, it is agreed as follows:

S E T T L E M E N T

1. INCORPORATION OF RECITALS.

Each of the Recitals set forth above is incorporated herein by this reference.

2. RELEASE AND COVENANT NOT TO SUE.

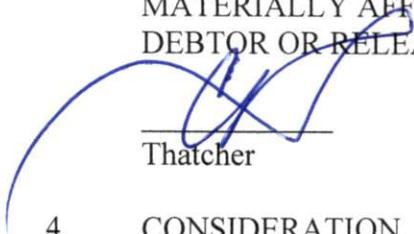
In consideration of the obligations set forth herein, the Parties hereby release, discharge and covenant not to sue one another, against and for any claim, cause of action, damages, costs, attorneys' fees, fines or penalties in connection with, or arising, in any way, out of the Dispute or payment by District under the Contract. The Parties understand and agree that this release does not include a release of any contractual duty or obligation assumed under this Settlement Agreement.

3. WAIVER OF CIVIL CODE SECTION 1542.

The Parties understand and agree that this Settlement Agreement is a full and final release applying to all unknown, unsuspected, unasserted and unanticipated claims,

liabilities, losses, demands, rights or causes of action with respect to the matters released above. The Parties warrant that each explicitly took this into account in determining the consideration for the giving of this release, and a portion of said consideration, having been bargained for between the Parties with the knowledge of the possibility of such unknown, unsuspected, unasserted and unanticipated claims, was given in exchange for a full accord, satisfaction and discharge of all such claims. The Parties expressly waive all rights under California Civil Code section 1542 which provides:

A GENERAL RELEASE DOES NOT EXTEND TO CLAIMS THAT THE CREDITOR OR RELEASING PARTY DOES NOT KNOW OR SUSPECT TO EXIST IN HIS OR HER FAVOR AT THE TIME OF EXECUTING THE RELEASE AND THAT, IF KNOWN BY HIM OR HER, WOULD HAVE MATERIALLY AFFECTED HIS OR HER SETTLEMENT WITH THE DEBTOR OR RELEASED PARTY.



Thatcher

District

4. CONSIDERATION.

As consideration for this Release, District and Thatcher agree that District shall pay Thatcher the amount of \$30,000.00 in immediately available funds within 30 business days of the Effective Date, which such payment to be sent to Thatcher Company of California, Inc., 8625 Unsworth Avenue, Sacramento, CA 95828, Attn: Craig N. Thatcher, President. Each Party to this Settlement Agreement will bear their own costs, attorney's fees and all other monies incurred or paid in connection with this Settlement Agreement and the underlying dispute giving rise to this Settlement Agreement.

5. NO ADMISSION.

Nothing contained in this Settlement Agreement, including, without limitation, the payment of any consideration hereunder or the waiver of any rights hereunder, shall be interpreted or construed to be an admission on the part of, or to the prejudice of, any person or party named herein. Except for the obligations created by this Settlement Agreement, each party or person hereto expressly denies any and all liability associated with or related, whether directly or indirectly, to the claims herein described.

6. NO ASSIGNMENT.

Thatcher and District each represent and warrant that they have not heretofore assigned, transferred or hypothecated or purported to have assigned, transferred to hypothecated or will in the future assign, transfer or hypothecate to anyone any debt, judgment, claim, liability, demand, action, cause of action, or any interest therein, based upon or arising out of or pertaining to or concerning or connected with any matter, facts, events, circumstances or things released herein.

7. NO INDUCEMENT.

The Parties declare and represent that no promises, inducements or other agreements not expressly contained herein have been made and that this release contains the entire agreement between the parties and the terms of this Settlement Agreement are contractual and not recitals only.

8. AUTHORITY OF SIGNATORIES.

Each Party covenants that it possesses the necessary capacity and authority to sign and enter into this Settlement Agreement.

9. COUNTERPARTS.

This Settlement Agreement may be executed in any number of counterparts and by the Parties in separate counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement. This Settlement Agreement may also be delivered by facsimile or electronic mail transmission (in pdf or similar format) with the same force and effect as if an original executed counterpart "hard" copy of this Settlement Agreement had been delivered by the delivering party.

10. BINDING EFFECT.

The provisions of this Settlement Agreement will be binding upon and inure to the benefit of the heirs, executors, administrators, personal representatives, successors in interest and assigns of the respective parties hereto.

11. FURTHER DOCUMENTS.

The Parties agree to execute and deliver such other additional documents as may be required to effectuate each of the terms of this Settlement Agreement.

12. ADVICE OF ATTORNEY

Each Party warrants and represents that, in executing this Settlement Agreement, they have relied upon legal advice from the attorney of their choice; that the terms of this Settlement Agreement have been read, and its consequences (including, but not limited to, risks, complications and costs) have been completely explained to them by that attorney; that adequate time has been given for them to consult with their attorney, to ask any questions concerning this Settlement Agreement, to receive responses to those questions, and to contemplate the attorney's advice concerning this Settlement Agreement; and that the Parties fully understand the terms of this Settlement Agreement. The Parties acknowledge, warrant and represent that, in executing this Settlement Agreement, they have not relied on any inducements, promises or representations made by any other party to this Settlement Agreement or any person or entity representing or serving another party, except for those expressly stated in this Settlement Agreement.

13. NO MODIFICATION

This document sets forth the entire agreement between the Parties and may not be altered, amended or modified in any respect except by written instrument, duly executed by the party to be charged. All earlier understandings, oral agreements and writings are expressly superseded hereby and are of no further force or effect.

14. CONSTRUCTION

As used in this Settlement Agreement, the masculine, feminine or neuter gender, the singular or plural numbers and the conjunctive or disjunctive shall each be deemed to include the other whenever the context so indicates. This Settlement Agreement shall be construed in accordance with its fair meaning, the captions being for the convenience of the parties only and not intended to describe or define the provisions in the portions of the Settlement Agreement to which they pertain. The terms of this Settlement Agreement have been freely negotiated by the Parties, and this Settlement Agreement shall not be construed against the drafter, as these drafting services have been performed as a courtesy to the other Party to this Settlement Agreement. In the event that any provision of this Settlement Agreement is held to be ineffective or invalid, the remaining provisions will nevertheless be given full force and effect.

15. CALIFORNIA LAW

Under this Settlement Agreement, any and all rights and duties set forth in it, including matters of construction, validity and performance, shall be interpreted, enforced and governed by the laws of the State of California, applicable to written instruments entered into solely in California, without reference to its choice of laws principles.

16. SEVERABILITY

If any term, provision, covenant or condition of this Settlement Agreement is held by a court of competent jurisdiction to be invalid, void or unenforceable, the rest of this Settlement Agreement shall remain in full force and effect and shall in no way be affected, impaired or invalidated.

[signatures follow on next page]

**YOUR RIGHTS ARE AFFECTED BY THIS SETTLEMENT AGREEMENT
READ IT CAREFULLY**

THE UNDERSIGNED HEREBY ACKNOWLEDGE THAT THEY HAVE READ THIS COMPROMISE SETTLEMENT AGREEMENT AND MUTUAL RELEASE AND FULLY UNDERSTAND AND HEREBY AGREE TO THE TERMS AND CONDITIONS CONTAINED HEREIN.

THATCHER COMPANY OF CALIFORNIA, INC.:

By:  Dated: April 17, 2020
Name: Craig M. Thatcher
Title: President

APPROVED AS TO FORM AND CONTENT

By:  Dated: April 17, 2020
Joseph Sorensen
Corporate Counsel

UNION SANITARY DISTRICT:

By: _____ Dated: _____
Paul R. Eldredge
General Manager

APPROVED AS TO FORM AND CONTENT

BURKE, WILLIAMS & SORENSEN, LLP

By: _____ Dated: _____
Karen W. Murphy
General Counsel



Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

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

Karen W. Murphy
Attorney

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

TITLE: Consider a Resolution to Accept a Sanitary Sewer Easement for Tract 8287 – The Sugarmill, Located at 30910 Union City Boulevard, in the City of Union City *(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 8287 – The Sugarmill, located at 30910 Union City Boulevard, in the city of Union City.

Previous Board Action

None.

Background

The developer, City Ventures Homebuilding, LLC, is constructing a mixed-use development consisting of 36 condominiums and 3,443 square feet of commercial space for Tract 8287, located at the southeast corner of Union City Boulevard and Bettencourt Way, in the city of Union City. A vicinity map is attached.

Sanitary sewer service to the residential development will be provided by new 8-inch mains in the development's roadways, that discharge to an existing 8-inch sewer in Bettencourt Way. The roadways of the development do not meet the City of Union City's street dimensions and

structure setback requirements for public streets and were, therefore, designated as private. City Ventures Homebuilding, LLC, has constructed the new 8-inch sewer mains and has granted the District a sanitary sewer easement that provide for access and maintenance of the new sewer mains.

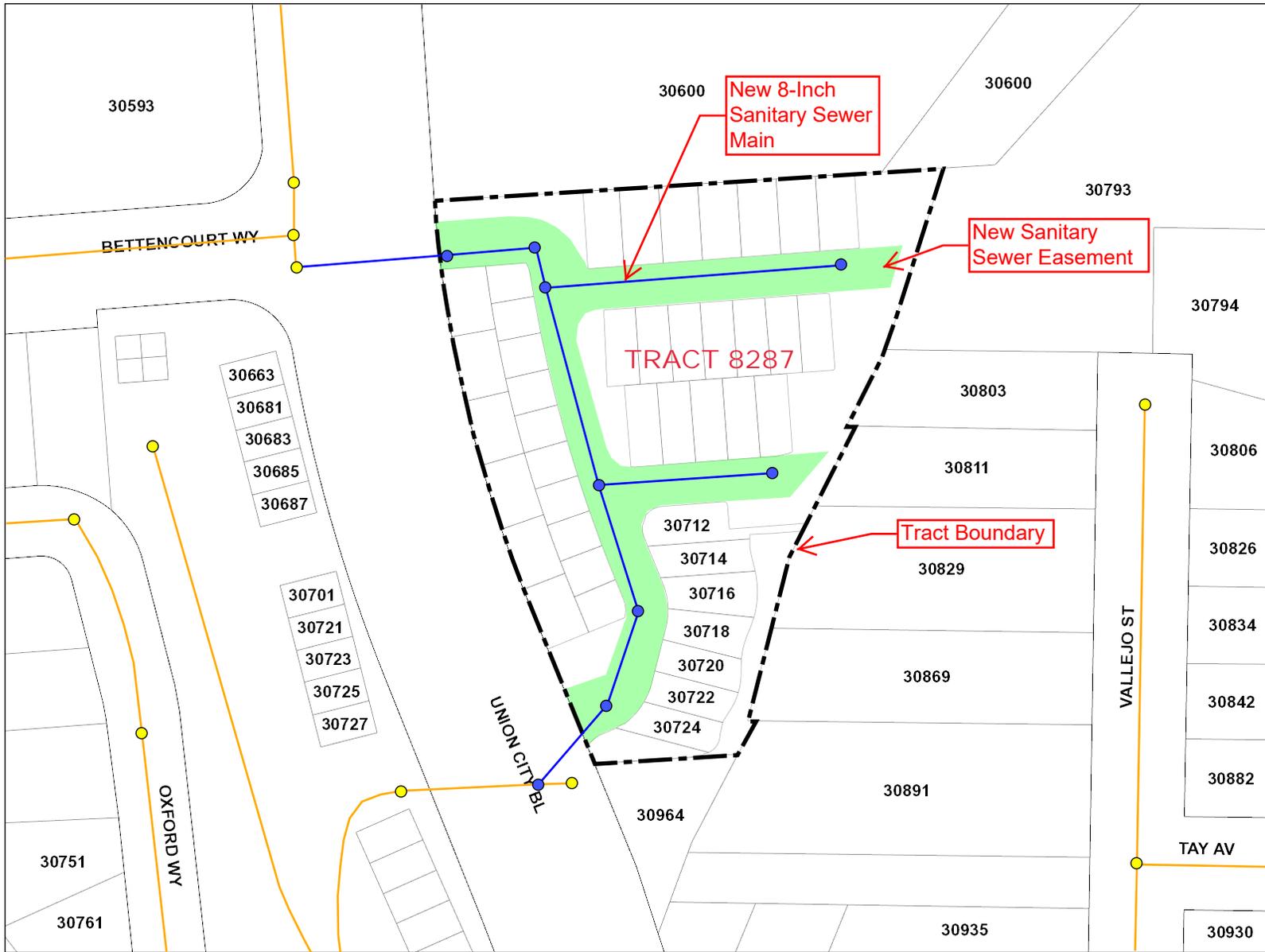
District staff has reviewed the legal description and plat map of the easement, as well as the Grant of Easement, and recommends approval.

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 8287 - The Sugarmill



Legend

Sewer Manholes

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

Sewer Mains

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

Railroad / BART

- <all other values>
- BART

- Public Right of Way
- Private Right of Way

Sewer Easements

- Sewer Easements

Parcels

- <all other values>
- Alameda Cnty Flood Cntrl

99.1 0 49.54 99.1 Feet



1: 1,189



Printed: 5/4/2018 10:21:38 AM

For USD use only

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

Notes

RESOLUTION NO. _____

**ACCEPT A SANITARY SEWER EASEMENT FOR
TRACT 8287 – THE SUGARMILL, LOCATED AT 30910 UNION CITY
BOULEVARD, IN THE CITY OF UNION CITY, CALIFORNIA**

RESOLVED by the Board of Directors of UNION SANITARY DISTRICT, that it hereby accepts the Grant of Easement from CITY VENTURES HOMEBUILDING, LLC, executed on July 28, 2016, 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 May 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

CITY VENTURES HOMEBUILDING, LLC

AND

UNION SANITARY DISTRICT

Effective Date: May 26, 2020

GRANT OF EASEMENT

FOR SANITARY SEWER PURPOSES

THIS INDENTURE, made this 28th day of July 2016, by and between City Ventures Homebuilding, LLC, the Party/~~Parties~~ of the First Part, and Union Sanitary District, the Party/~~Parties~~ 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 Union City, 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 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: Phil Kerr CEO - Homebuilding
(Print or type name and title of signatory)
Party/~~Parties~~ of the First Part

CITY VENTURES HOMEBUILDING, LLC

(Notarize)

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

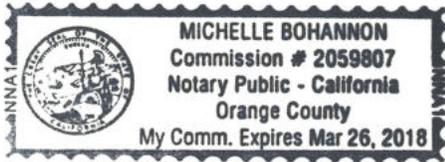
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)
County of Orange)
On 7/28/16 before me, Michelle Bohannon - Notary Public,
Date Here Insert Name and Title of the Officer
personally appeared Phil Kerr
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 Michelle Bohannon
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: Grant of Easement Document Date: N/A
Number of Pages: 1 Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: Phil Kerr
 Corporate Officer — Title(s): CEO
 Partner — Limited General
 Individual Attorney in Fact
 Trustee Guardian or Conservator
 Other: _____
Signer Is Representing: _____

~~Signer's Name: _____
 Corporate Officer — Title(s): _____
 Partner — Limited General
 Individual Attorney in Fact
 Trustee Guardian or Conservator
 Other: _____
Signer Is Representing: _____~~

Exhibit A
Legal Description for Union Sanitary District Easement
City of Union City

Situate in the City of Union City, County of Alameda, State of California.

Being a portion of Parcel One and Parcel Two of the lands of Manuel J. Andrade and wife as shown on that certain Grant Deed recorded April 11, 1942 as Recorder's Series Number PP/16653, Book 4218 at Page 86, Alameda County Records.

Being an easement for the installation, construction and maintenance of sewer lines and appurtenances thereto for Union Sanitary District which is more particularly bounded and described as follow to wit;

Parcel 1

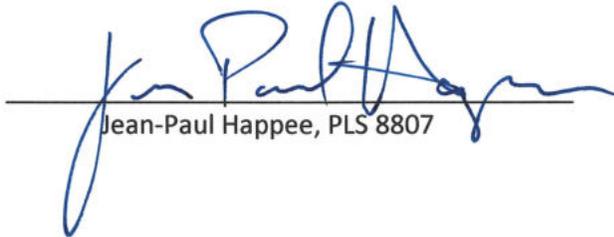
Beginning at a point in the Western boundary of lands of Andrade from which the southwestern corner thereof bears South 22° 45' 58" East 21.86 feet distant.

Thence from said point of Beginning along said western boundary North 22° 45' 58" West 32.01 feet; thence leaving said last mentioned boundary North 69° 45' 00" East 28.74 feet; North 14° 54' 51" East 43.24 feet to a point of curvature; thence along a curve to the left with a radius of 10.00 feet through a central angle of 38° 17' 50" an arc length of 6.68 feet to a point of reverse curvature; thence along a curve to the right with a radius of 890.00 feet through a central angle of 14° 22' 37" an arc length of 223.32 feet to a point of reverse curvature; thence along a curve to the left with a radius of 10.00 feet through a central angle of 85° 27' 34" an arc length of 14.92 feet; thence South 85°32'04" West 48.09 feet to a point in said western boundary; thence along said last mentioned boundary on a curve to the right from a radial bearing of North 81° 49' 43" East with a radius of 945.00 feet through a central angle of 01° 51' 07" an arc length of 30.54 feet; thence leaving said last mentioned boundary North 85° 39' 49" East 54.79 feet to a point of curvature; thence on a curve to the right with a radius of 42.00 feet through a central angle of 71° 33' 47" an arc length of 52.46 feet to a point of reverse curvature; thence along a curve to the left with a radius of 15.00 feet through a central angle of 71° 33' 29" an arc length of 18.73 feet; thence North 85° 40' 07" East 198.53 feet; thence South 17°40'49" West 28.04 feet; thence South 85° 40' 07" West 190.83 feet; thence along a curve to the left with a radius of 17.00 feet through a central angle of 101° 18' 22" an arc length of 30.06 feet; thence South 15° 38' 15" East 73.56 feet to a point of curvature; thence along a curve to the left with a radius of 15.00 feet through a central angle of 78° 41' 39" an arc length of 20.60 feet; thence North 85° 40' 06" East 130.81 feet; thence South 42° 47' 45" West 38.21 feet; thence South 85° 40' 07" West 87.99 feet; thence along a curve to the left with a radius of 15.00 feet through a central angle of 107° 43' 22" an arc length of 28.20 feet; thence South 22° 03' 15" East 32.72 feet to a point of curvature; thence along a curve to the right with a radius of 46.00 feet through a central angle of 36° 25' 27" an arc length of 29.24 feet; thence South 14° 22' 12" West 37.23 feet to a point of curvature; thence along a curve to the right with a radius of 46.00 feet through a central angle of 55° 25' 59" an arc length of 44.50 feet; thence South 69° 48' 11" West 12.66 feet to the point of beginning.

The **basis of bearings** for this legal description is found monuments in Vallejo Street as shown on that certain parcel map filed November 1979 in Book 113 of Parcel Maps at Page 56, Alameda County Records; North 00° 00' 00" East.

Attached hereto are a number of plats labeled "Exhibit B" and by this reference made a part thereof.

Compiled by Alpha Land Surveys, Inc. in July of 2016.


Jean-Paul Happee, PLS 8807

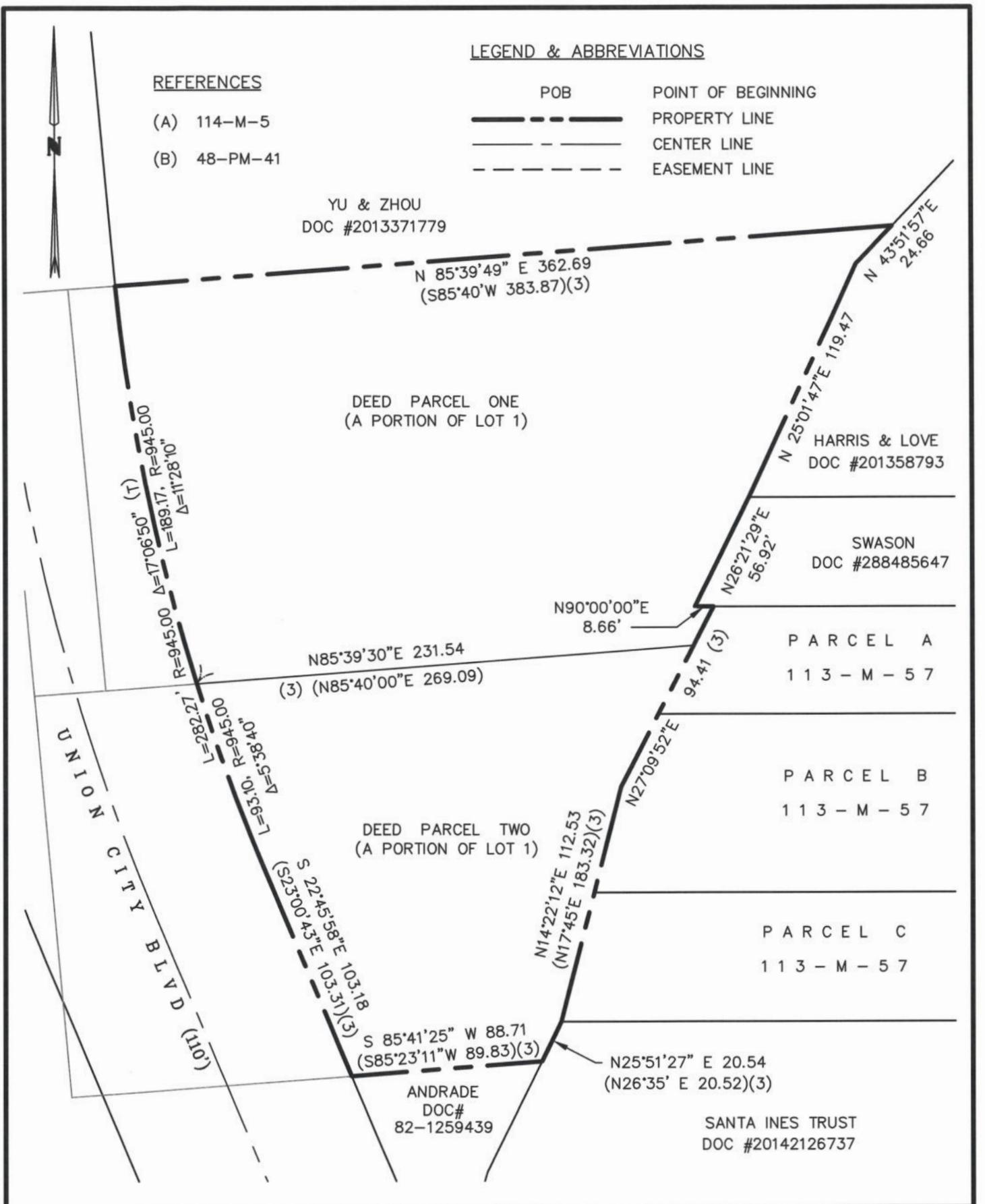


LEGEND & ABBREVIATIONS

REFERENCES

- (A) 114-M-5
- (B) 48-PM-41

- POB POINT OF BEGINNING
- PROPERTY LINE
- CENTER LINE
- EASEMENT LINE



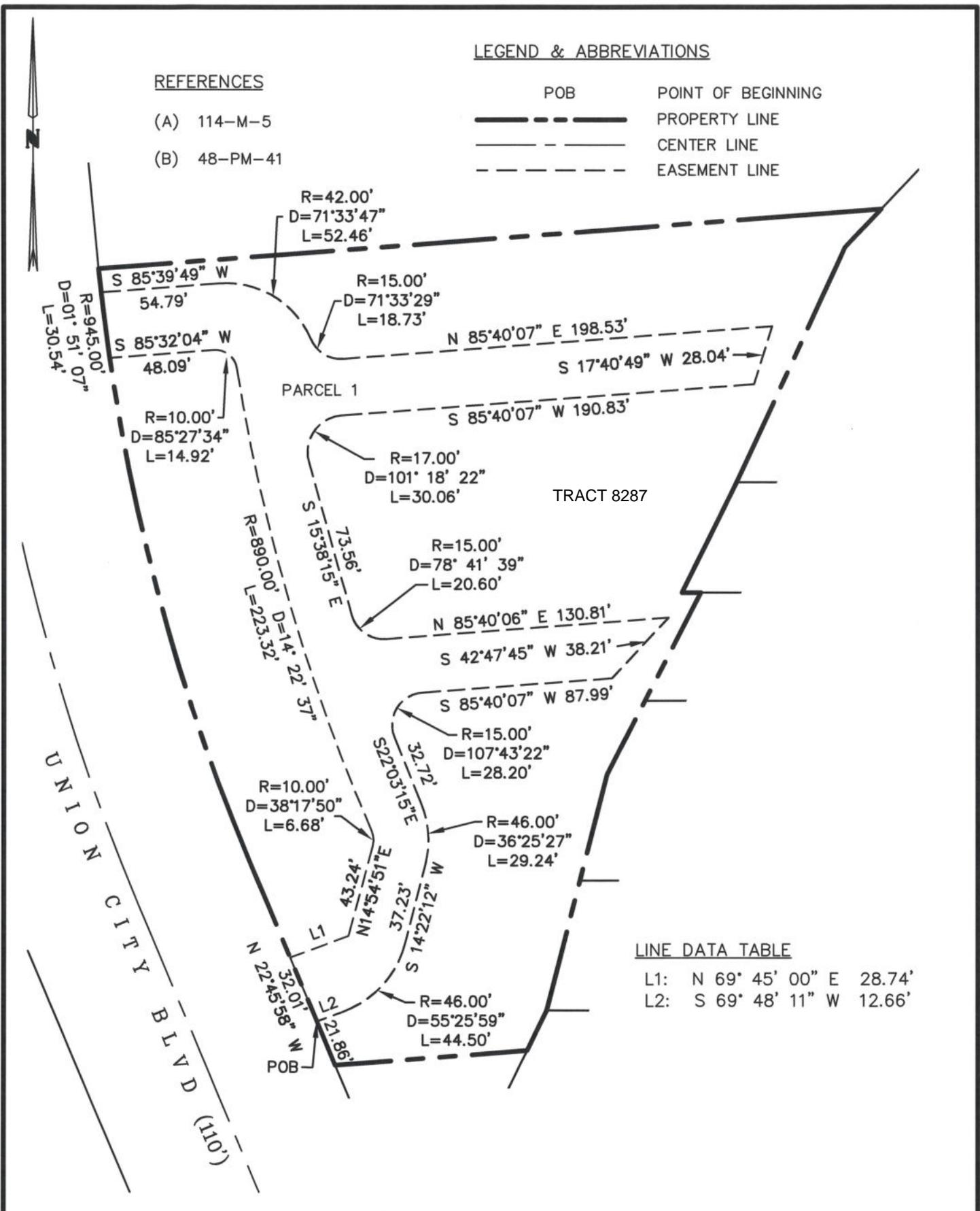
ALPHA LAND SURVEYS, INC. 4444 SCOTTS VALLEY DRIVE, SUITE 7 SCOTTS VALLEY, CA 95066 (831) 438-4453	EXHIBIT B - EXTERIOR BOUNDARY PLAT TO ACCOMPANY LEGAL DESCRIPTION UNION SANITARY DISTRICT EASEMENTS UNION CITY, CA	SHEET 1 OF 2 SCALE 1"=60' 2016-067
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LEGEND & ABBREVIATIONS

REFERENCES

- (A) 114-M-5
- (B) 48-PM-41

POB	POINT OF BEGINNING
	PROPERTY LINE
	CENTER LINE
	EASEMENT LINE



LINE DATA TABLE

L1:	N 69° 45' 00" E	28.74'
L2:	S 69° 48' 11" W	12.66'

ALPHA LAND SURVEYS, INC. 4444 SCOTTS VALLEY DRIVE, SUITE 7 SCOTTS VALLEY, CA 95066 (831) 438-4453	EXHIBIT B PLAT TO ACCOMPANY LEGAL DESCRIPTION UNION SANITARY DISTRICT EASEMENTS UNION CITY, CA	SHEET 2 OF 2
		SCALE 1"=60'
		2016-067



Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

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

Karen W. Murphy
Attorney

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

TITLE: Consider a Sewer Service Charge Refund for Dough Ave LLC (*This is a Motion Item*)

SUBMITTED: Paul R. Eldredge, General Manager/District Engineer
Sami E. Ghossain, Manager of Technical Services
Rollie Arbolante, Customer Service Team Coach

Recommendation

Staff recommends the Board consider approving a Sewer Service Charge Refund in the amount of \$ 68,973.56 for Dough Ave LLC.

Previous Board Action

None

Background

Dough Ave LLC is the owner of parcel APN 475-0080-01602, located at 33300 Western Avenue in the city of Union City. The lone tenant on the parcel is Sterling Foods, who is a food manufacturing business and a permitted industry since 2008.

As a District permitted industry, the business is required to provide information related to their manufacturing process. In February 2020, Sterling Foods informed the District that the flow factor they've provided for fiscal years (FY) 2019 and 2020 sewer service charges (SSC) was in error. The flow factor estimates the percent of water used in the Sterling Foods' industrial process that is discharged to the sanitary sewer. For example, a flow factor of .60 assumes that 60% of the metered water is being discharged to the sanitary sewer. Sterling Foods had

previously provided a flow factor of 0.55 for the FY2019 and FY2020 billing years. However, Sterling Foods recently indicated that they had made an error on their discharge permit renewal application and are requesting that the flow factor used be 0.38, as in previous years. This change results in the following sewer service charges:

Fiscal Year	Flow Factor Used	SSC	Corrected Flow Factor	Corrected SSC	Difference
2019	0.55	\$ 96,091.75	0.38	\$ 66,460.21	\$ 29,631.54
2020	0.55	\$ 127,508.05	0.38	\$ 88,166.03	\$ 39,342.02
Total					\$ 68,973.56

Staff researched the error by comparing sampling data from the previous and current year’s processes for Sterling Foods. Based on this research, staff concluded that the Sterling Foods process for FY2019 and FY2020 had not changed and was consistent with previous years. Therefore, staff is recommending that the flow factor of 0.38 be used for FY2019 and FY2020 and that the Board approve an SSC refund of \$ 68,973.56.

Sewer Service Charges are the responsibility of the property owner. Although Sterling Foods initiated the SSC refund, the property owner, Dough Avenue, LLC, has confirmed the request. Any refund will be given Dough Avenue, LLC, as the property owner.

If the Board approves this refund, staff is also recommending that the Board allow staff to apply the refund as a credit towards the parcel’s FY2021 SSC.

PRE/SEG/ra/mb

- Attachments - Refund Request from Sterling Foods
- Refund Request Confirmation from Dough Ave LLC
- Refund Request Form



February 19, 2020

Union Sanitary District
5072 Benson Road
Union City, CA 94587-2508
(Mail P.O. Box 5050 Union City 94587-8550)

Subject: Waste Water Assessment Re-evaluation for Year 2018
Site: 33300 Western Ave Union City, CA 94587
Permit # 019

Attention : Rollie Arbolante
CC: Victor Padilla

Gentleman,

It was greatly appreciated that your group took the time to review our facility on 2/13/20. During the process of completing the current year's discharge capacity, we discovered that our previous maintenance manager had not asked for the correct data to submit our 2017 and 2018 discharge impact.

This has apparently resulted in a significant (2019 /20) property tax charge that was received by the Property Owner/Management. We have only discovered this when our lease was being reviewed and the issue of an increase to our base lease to cover the Union Sewer Service tax charge was imminent.

Reviewing our previous water usage (per Alameda Water District), the production and operation function, the 2017 and 2018 fiscal years reported discharge should have been lower than the 16,618 gallons that was factored. Per our water invoice, our water usage has progressively gone down over the years. Further the solids actually went down during the same period. This we believe would indicate an increasingly improved and controlled waste discharge.

We have submitted the data for our upcoming 2020 assessment and it shows again we would be more in line with the trend that had already been exhibited in previous periods of 2015 through 2017 as shown by the report from Theresa Rodriguez of the Technical services department and provided to us by the owners of the property. Attached is a revision to what generated the higher tax charge in the Owner 2019 Real Property assessment.

We are appealing to your office to consider a revision to the assessment that would be sent to the Alameda County Property Assessor and property owner. Hopefully this would result in a credit or amendment to the Sewer Service Charge.

It is understood this would be within the Assessor's jurisdiction and eventually be between the owner and the Assessor. Please, if you would, confirm to us that such an appeal would be pursued with your office or advise how we can go about having the review initiated

I wish to thank you in advance for your attention and consideration in this matter.

Sincerely,

Gabriel Hernandez
Plant Director Sterling Foods/Caravan Foods II

(b) Describe method and calculations used to determine volumes shown in E2(a). A separate sheet may be necessary.

2018 correction:

Product consumption based on recipe formula at 50% water content and average production records.

Domestic basic lavatory breaks; limited tap water drainage.

Washing - based on standard sanitary procedures for pans and mixer clean up.

Evaporation - condensate retained at baked product proofer.

E3. Sources of Wastewater Discharged To Sewer:

(a) Is ACWD source water meter shared by multiple site tenants? No Yes

(b) Does site have ACWD meter designated for irrigation only? No Yes Account #: _____

(c) Does site have private water meter(s)? No Yes

If yes, describe

All answers to E3 are NO (check box toggles off when selected)

(d) Percentage of Source Water Sent to Sewer (used for computing sewage disposal service charge)

WATER SUPPLY (ACWD) ACCOUNT #	TOTAL % DISCHAGED TO SEWER	If multiple building sewer discharge points, show percentage of discharge to each building sewer.			
		Sewer No.1	Sewer No.2	Sewer No.3	Sewer No.4
40678782	38	14	24		



UNION SANITARY DISTRICT
 5072 BENSON ROAD
 UNION CITY, CA 94587
 (510) 477-7500

**WASTEWATER DISCHARGE PERMIT
 PART E — WATER SOURCE & USE**

Permit No.: 019

Purpose: The Water Source and Use information will enable the District to determine the volumes and sources of wastewater discharged to the community sewer.

E1. (a) Number of Employees On-site and Hours of Operation

	SITE OFFICE STAFF		SITE PRODUCTION STAFF					
	NO. (Avg.)	HOURS	DAY SHIFT		SWING SHIFT		NIGHT SHIFT	
			NO. (Avg.)	HOURS	NO. (Avg.)	HOURS	NO. (Avg.)	HOURS
WEEKDAY	8	9am to 5pm	111	5am to 1:30pm	100	1:30pm to 9:30pm	100	9:30pm to 5am
SATURDAY		9am to 5pm	111	5am to 1:30pm	100	1:30pm to 9:30pm	100	9:30pm to 5am
SUNDAY		to		to		to		to

(b) Total Number of On-site Employees: 326

E2. (a) Water Use and Disposition – Average volume of water received and wastewater discharged in gallons per day (gpd) averaged for the preceding twelve month period. The total supply should be checked using recent water bills (where available) to verify the amounts shown. In the table, total water usage should equal total water consumption/ discharge.

Water Uses: ¹	WATER SUPPLY SOURCES			WATER CONSUMPTION / DISCHARGE		
	WATER DISTRICT (ACWD) (gpd)	NOT AN ACWD SOURCE (gpd)	LIST SOURCE (if non-ACWD) ³	USD SEWER (gpd)	NOT DISCHARGED TO USD (gpd)	LIST DISCHARGE POINT (if non-USD) ⁴
Domestic ²						
Domestic	6380			6380		
Processes						
Boiler	7200			3000	4200	
Cooling	420				420	close loop glycol system
Washing	2100			2100		
Irrigation	400				400	To Lawn/Evaporation
Product	13009				13009	To Product
others						
TOTAL:	29,507			11,480	18,029	

Footnotes:

- List all uses of water. Example water uses: Boiler Feed, Wet Scrubber, To Product, Non-Contact Cooling, Contact Cooling, Washing, Processes (describe), RO/DI Reject, Softener Regeneration, Irrigation (if not on separate designated irrigation meter), etc.
- Domestic allowance is 20 gallons per employee per day. Number of Employees listed in Section E1(b).
- Example Non-ACWD Sources: groundwater well, stormwater, reclaimed water, condensate, creek, bay, estuary, etc.
- Example Non-USD Discharges: to product, evaporation, stormdrain, reuse, hauled offsite, irrigation, etc.

(b) Describe method and calculations used to determine volumes shown in E2(a). A separate sheet may be necessary.

2017 Correction:

Product consumption based on recipe formula at 50% water content and average production records.

Domestic basic lavatory breaks; limited tap water drainage.

Washing - based on standard sanitary procedures for pans and mixer clean up.

Evaporation - condensate retained at baked product proofer.

E3. Sources of Wastewater Discharged To Sewer:

(a) Is ACWD source water meter shared by multiple site tenants? No Yes

(b) Does site have ACWD meter designated for irrigation only? No Yes Account #: _____

(c) Does site have private water meter(s)? No Yes

If yes, describe

All answers to E3 are NO (check box toggles off when selected)

(d) Percentage of Source Water Sent to Sewer (used for computing sewage disposal service charge)

WATER SUPPLY (ACWD) ACCOUNT #	TOTAL % DISCHARGED TO SEWER	If multiple building sewer discharge points, show percentage of discharge to each building sewer.			
		Sewer No.1	Sewer No.2	Sewer No.3	Sewer No.4
40678782	38	14	24		



UNION SANITARY DISTRICT
 5072 BENSON ROAD
 UNION CITY, CA 94587
 (510) 477-7500

**WASTEWATER DISCHARGE PERMIT
 PART E — WATER SOURCE & USE**

Permit No.: **019**

Purpose: The Water Source and Use information will enable the District to determine the volumes and sources of wastewater discharged to the community sewer.

E1. (a) Number of Employees On-site and Hours of Operation

	SITE OFFICE STAFF		SITE PRODUCTION STAFF					
	NO. (Avg.)	HOURS	DAY SHIFT		SWING SHIFT		NIGHT SHIFT	
			NO. (Avg.)	HOURS	NO. (Avg.)	HOURS	NO. (Avg.)	HOURS
WEEKDAY	8	9am to 5pm	111	5am to 1:30pm	100	1:30pm to 9:30pm	100	9:30pm to 5am
SATURDAY		9am to 5pm	111	5am to 1:30pm	100	1:30pm to 9:30pm	100	9:30pm to 5am
SUNDAY		to		to		to		to

(b) Total Number of On-site Employees: **326**

E2. (a) Water Use and Disposition – Average volume of water received and wastewater discharged in gallons per day (gpd) averaged for the preceding twelve month period. The total supply should be checked using recent water bills (where available) to verify the amounts shown. In the table, total water usage should equal total water consumption/ discharge.

Water Uses: ¹	WATER SUPPLY SOURCES			WATER CONSUMPTION / DISCHARGE		
	WATER DISTRICT (ACWD) (gpd)	NOT AN ACWD SOURCE (gpd)	LIST SOURCE (if non-ACWD) ³	USD SEWER (gpd)	NOT DISCHARGED TO USD (gpd)	LIST DISCHARGE POINT (if non-USD) ⁴
Domestic ²						
Domestic	6380			6380		
Processes						
Boiler	7200			3000	4200	
Cooling	420				420	close loop glycol system
Washing	2100			2100		
Irrigation	500				500	To Lawn/Evaporation
Product	13018				13018	To Product
others						
TOTAL:	29,618			11,480	18,140	

Footnotes:

- List all uses of water. Example water uses: Boiler Feed, Wet Scrubber, To Product, Non-Contact Cooling, Contact Cooling, Washing, Processes (describe), RO/DI Reject, Softener Regeneration, Irrigation (if not on separate designated irrigation meter), etc.
- Domestic allowance is 20 gallons per employee per day. Number of Employees listed in Section E1(b).
- Example Non-ACWD Sources: groundwater well, stormwater, reclaimed water, condensate, creek, bay, estuary, etc.
- Example Non-USD Discharges: to product, evaporation, stormdrain, reuse, hauled offsite, irrigation, etc.

From: william.maroun
To: [Kristina Silva](mailto:Kristina.Silva)
Cc: [Daniel Lee](mailto:Daniel.Lee)
Subject: FW: Sewer Service Charges / Permit #019
Date: Wednesday, March 25, 2020 11:48:09 AM
Attachments: [image001.png](#)
[1715_001.pdf](#)

[EXTERNAL EMAIL]

Hi Kristina,

I hope this email finds you well. I am the administrative partner for Dough Ave LLC, the owners of the property at 33300 Western Ave, Union City. We would like to assist Sterling Foods in the efforts to reassess the water flow at the property for the year in question and per this email am requesting such a process take place. Please feel free to reach out to me with any questions or anything you need to complete the process. Thanks in advance for your help.

Regards,

Will Maroun
Operating Partner
Harissa LLC
510-755-7423

From: Daniel Lee <dlee@sterling-fd.com>
Sent: Tuesday, March 3, 2020 3:10 PM
To: william maroun <will.maroun@harissallc.com>
Subject: FW: Sewer Service Charges / Permit #019

Hi Will,

As we have discussed, we are in the process of appealing the flow factor rate on Dough Ave. Per the ordinance, the property owner is required to submit the appeal. As owner of the building, would you be able to request a review of the flow factor rate for fiscal years 2018-2020? The appeal request can be emailed to Kristina Silva (contact information below).

Please let me know if you have questions.

Thanks for your time!



Dan Lee / Chief Financial Officer / 785.829.0092 / dlee@sterling-fd.com / 1075 Arion Parkway / San Antonio, Texas 78216

From: Kristina Silva <kristinas@unionsanitary.ca.gov>

Sent: Monday, March 2, 2020 4:49 PM
To: Gabriel Hernandez <ghernandez@sterling-fd.com>
Cc: Theresa Rodriguez <theresar@unionsanitary.ca.gov>; Victor Padilla <victorp@unionsanitary.ca.gov>
Subject: Sewer Service Charges / Permit #019

Hello Gabriel,

Thank you for your letter dated February 19, 2020. I have discussed the matter with our Environmental Compliance Department and feel that there is a possibility of a refund due to the corrected information recently provided on Permit #019, site location 33300 Western Avenue, Union City, APN 475-0080-01602. I would like to start an appeal but must follow our process.

Per our ordinance, only property owners can submit an appeal. Please have Dough Avenue LLC (owner of parcel), or an authorized representative of Dough Avenue LLC, request a review of the flow factor for the two years in question (Fiscal Year 2018-2019 and 2019-2020) and refund if found applicable. This request can be done either via email or by letter. My contact information can be found below. If it is an representative, the request must specifically state that they are an authorized representative for said company. Please note only Dough Avenue LLC will receive a refund, if applicable.

Once the request is received, I can begin the appeal approval process.

Thank you,
Kristina Silva
Customer Service Fee Analyst
510-477-7642



Union Sanitary District
5072 Benson Road
Union City, CA 94587

Email: kristinas@unionsanitary.ca.gov



REQUEST FOR REFUND OF DISTRICT FEES/CHARGES
(For Internal Use Only)

PARCEL INFORMATION:

Parcel Number: 475-0080-01602
Tenant Name: Sterling Foods
Parcel Address: 3330 Western Avenue
City, State, Zip: Union City, CA 94587

REFUND PAYABLE TO:

Parcel Owner(s): Dough Avenue, LLC
Care of:
Refund Address: 300 Ringwood Ave.
City, State, Zip: Menlo Park, CA 94025

REASON FOR REFUND:

Sterling Foods is the industrial tenant on this parcel and manufactures bagels, donuts and pitas. Information submitted for the District's Industrial Permit is used to calculate the parcel's sewer service charge. A Sterling Foods employee provided incorrect information. The incorrect data caused the flow factor to be higher which substantially increased the Sewer Service Charge, which is based on flow. Sterling Foods reported the error two years later to correct the information. USD's Environmental Compliance team, who manages the Industrial Permit, has worked with Sterling Foods to obtain corrected information and has verified the information.

Table with 4 columns: Refund Year(s), 2019-2020, 2018-2019, and two empty columns. Refund Amount: \$ 39,342.02, 29,631.54, and two empty columns.

DISTRICT INFORMATION ONLY:

Account Number: 10-101-4020

Amount of Refund: \$ 68,973.56

Calculated by:

Signature: Kristina Silva, Title: Customer Service Fee Analyst, Date: 4/14/20

Refund Authorized By:

Signature, Title, Date

Table with 3 columns: Authorization Levels, Title, and Refund Type. Includes levels like Coach, Work Group Manager, General Manager, Board of Directors and refund types like 10-101-4020 SSC Refund, 10-101-4030 Manual Billing Refund.



Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

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

Karen W. Murphy
Attorney

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

TITLE: Proposed Operating and CIP Budget for Fiscal Year 2021 (*This is a Motion Item*)

SUBMITTED: Paul R. Eldredge, General Manager/District Engineer
Laurie Brenner, Finance & Acquisition Services Coach

Recommendation

Review the Proposed Operating and CIP Budget for FY 2021, and direct staff to present the final version at the June 22nd Board meeting.

Previous Board Action

This item is brought before the Board on an annual basis.

Background

Attached for your review is the Proposed Operating and CIP Budget for FY 2021. This budget reflect's the Board's input and information presented at the Budget Workshop on May 12, 2020.

The presentation of the FY 2021 Budget follows the same format as was used in FY 2020 for clarity. The FY 2021 Budget Summary reflects:

1. No material change to SSC Total Revenues (due to deferral of collection of residential FY21 adopted rate increase)
2. An increase in Total Expenditures of 34.4%, including CIP
3. An increase in the Operating Budget of 6.2%

This document also reflects the following changes since the May 12th Budget Workshop:

1. Removal of the Cost of Service Analysis from special projects (\$85,000)
2. Changes to the special projects budgeted value for the Old Alameda Creek Forcemain Geotech Investigation project (from \$0 to \$100,000)

Attachment:

Proposed Operating and CIP Budget FY 2021

Union Sanitary District

Union City, California

Proposed Operating & CIP Budget FY 2021



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Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

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

Karen W. Murphy
Attorney

DATE: June 22, 2020

MEMO TO: Board of Directors - Union Sanitary District

FROM: Paul R. Eldredge, General Manager/District Engineer
Laurie Brenner, Finance & Acquisition Services Coach

SUBJECT: Fiscal Year 2021 Proposed Operating and CIP Budget

Union Sanitary District (USD) staff is pleased to present the proposed comprehensive annual budget for Fiscal Year (FY) 2021 to the Board of Directors. This budget covers the period from July 1, 2020 through June 30, 2021. The District continues to focus on the operation and maintenance of its infrastructure and assets, capital project construction, planning, and effective use of technology.

Outstanding Performance and Cost-Effective Service for the District's Customers

In keeping with our Mission, the District continues to provide a high level of award-winning service to its customers at very competitive rates. Completed during FY 2020, USD conducted a new major Cost of Service Analysis (COSA) study to determine a five-year rate plan that met all requirements related to charges for services under Proposition 218. The COSA took into consideration current and future operational and capital costs, and reserve requirements for the next five years. The study provided the District with a baseline against which we can analyze future USD needs.

The rate study and Notice of Public Hearing were put in motion before the current COVID-19 situation. USD carefully considered the impacts of postponing the proposed rate increases, and it became very clear that any delay would impact the District's operations in the years ahead. The District's infrastructure needs now and for the next 10 years were overwhelming factors in this determination to move forward with the proposed increases. USD's 10-year Capital Improvement Program budget is currently estimated at \$644,350,000, and these infrastructure investments

are necessary to maintain safe, reliable operations that comply with current and planned regulatory requirements.

The Board adopted the new COSA and associated rate structure on May 11, 2020 however, collection of residential Sewer Service Charge increases for FY 2021 will be deferred until FY 2022 due to the potential economic impacts of the COVID-19 crisis. The annual single-family rate will remain at the FY 2020 rate of \$421.37 in FY 2021, and increase annually beginning in FY 2022, to \$611.58 by the fifth year (FY 2025). The average annual rate of the 35 Bay Area agencies the District surveys was \$684.32 as of the last District survey in FY 2020. This does not include potential rate increases over the next 5 years at the agencies surveyed.

The District continued its record of outstanding stewardship and service. Once again, USD received the Platinum Award from the National Association of Clean Water Agencies for Peak Performance for operating without exceeding the limits or conditions of the District's permit. This is a tribute to the outstanding work by District Operations and Maintenance teams. The District continues to average less than one spill per hundred miles of pipeline per year, ranking the District among the best in the State, while doing so in a very cost-effective manner. The District Collections Services and Environmental Compliance groups have successfully implemented measures to control roots and grease to help minimize spills and back-ups.

Financial State of the District

During the first part of the year, improvement in the economy had positive effects on the District. Revenues were increasing over the prior fiscal year, but a slight decrease in development activity in the service area was anticipated. Even prior to the COVID-19 crisis, the District continued to exercise fiscal prudence when considering how to best cover increasing expenses. During FY 2020, a complex financial model was utilized to run a multitude of "what if" scenarios. Scenario-based modeling allows the District to analyze different financing plan scenarios to assist the District in making sound financial decisions on future operating and infrastructure needs and the long-term sustainability of prospective policies and programs. It is because of this cautionary approach that the District has continued to remain financially healthy.

USD has seen slight decreases in permit applications in the past twelve months, and that is expected to continue in FY 2021. A portion of USD capital projects is always funded by capacity fees; typically, the majority are funded through Sewer Service Charges. In FY 2021, \$25.15 million comes from the Capacity Fund and \$22.3 million will come from the Sewer Service Charges. The District continues to be vigilant in its efforts to control expenses. Like other agencies, USD faces pressures associated with the costs of health care and pensions, as well as costs for treatment plant chemicals and utilities (primarily PG&E), in addition to other capital expenditures.

Revenues

Sewer Service Charges are expected to remain flat at \$60.5 million in FY 2021, based on the Board of Director's decision to defer approved collection of residential rate increases for FY 2021 due to the uncertainty associated with the COVID-19 crisis. With approximately 75% of the District's revenue based on residential customers; this will require the District to transfer funds from reserves to cover revenue requirements in FY 2021.

As of this report, Capacity Fee revenues approved by the Board, effective July 1, 2016 will remain in effect for FY 2021. As previously stated, the Tri-City area has experienced a slowing of the previous increase in construction development. As a result, total Capacity Fee revenues are expected to come in at \$5.7 million in FY 2021, which is below both the 2020 actual and FY 2020 budgeted values. Anticipated expenditures associated with capacity fees over the next several years indicate that there will be an overall declining balance in this fund, beginning in FY 2021 as projects associated with the Enhanced Treatment and Site Upgrade (ETSU) program and other CIP projects move forward in earnest at the District.

Expenditures

Total expenditures in the Sewer Service Fund for the coming fiscal year are projected to increase by 13.1%. Operating expenses are anticipated to increase by 6.2%. Increases are primarily due to the addition of a new plant Operator and an Assistant Engineer to support the ETSU program projects, salary, and pension contribution rate increases, as well as to cover the renewal and replacement of various information systems throughout the District. Significant increases in some chemicals utilized in the treatment process are reflected in the FY 2021 budget.

Retirements during FY 2020 are expected to remain static as compared to the two prior fiscal years; balancing the District's ability to attract and retain a qualified workforce against the bottom line will continue to be a challenge as more of our tenured workforce becomes eligible for retirement.

The Capital Improvement Program will be increasing significantly this year from FY 2020 levels as expected, because many projects were in pre-design or design mode last year. Staff conducted a thorough study of the infrastructure needs of the District and developed a 20-year Capital Improvement Plan (CIP) that totals approximately \$1.09 billion. The total CIP budgeted for FY 2021 is just over \$47.4 million. USD continues to keep its CIP costs as low as possible by aggressively pursuing all available low interest loans and funding programs, including the State and federally funded Clean Water State Revolving Fund (SRF) program administered by the State Water Resources Control Board. The District is also in the process of developing a long-term debt management strategy.

On February 8, 2020, the District issued revenue bonds to refinance all existing SRF loans and to obtain \$37 million in new project money. Market conditions were optimal and the Series 2020A

bond issuance afforded the District's rate payers over \$2 million dollars in savings over the remaining life of the debt service on the prior SRF loans.

Capital project spending will continue to focus on rehabilitation and replacement of key elements of the wastewater treatment plant and collections system pipeline. Many of the District's buildings and treatment processes have been in operation for over 35 years. Replacing and upgrading these facilities and equipment will ensure the District can efficiently operate the plant in the long-term. Projects for FY 2021 include plant facilities improvements such as a seventh anaerobic digester, standby power generation system upgrades, and pump station improvements. The Information Systems Renewal and Replacement (R&R) Program will continue to fund new projects, such as the District-wide SharePoint Upgrade, Non-Residential Billing Program Replacement, the replacement of older servers and hardware for business continuity, and disaster recovery.

Special Projects Fund expenditures will decrease from \$4.3 million budgeted in FY 2020 to just over \$2.7 million in FY 2021. Of the \$2.7 million, \$2 million is for special projects that will carry forward to FY 2021. Some of the studies planned or continuing this year include the Old Alameda Creek Report of Discharge, Odor Control Alternatives Study, and the Irvington Basin Master Plan Update. Other expenditures include those for the Outreach programs, including the USD outreach programs, and GIS Joint Powers Authority (JPA).

Balanced Budget, Reserves and Rates

USD has long operated with a balanced budget and FY 2021 is no exception. District reserves continue to be stable, although as the District's operating budget increases, more of the District's reserves are dedicated to ensuring operating needs are met. Although funds will be taken from both the Sewer Service Fund and Capacity Fund reserves in FY2021, these are planned activities and not of concern to the District's financial health.

The District's investment portfolio continues to perform well, providing interest income monthly which helps cover operating expenses.

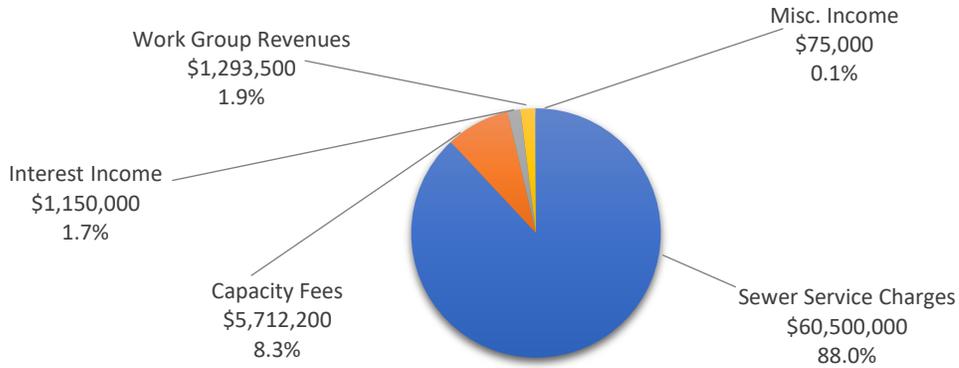
Conclusion

This previous year, the District experienced significant milestones. FY 2020 marked the first time since 1994 that the District issued revenue bonds as a cost-effective mechanism for refinancing existing debt service and to procure new money for several of the existing CIP projects at a very low interest rate. Additionally, the District embarked on an unprecedented 20-year CIP program designed to ensure the District's ability to serve the ratepayers well into the future.

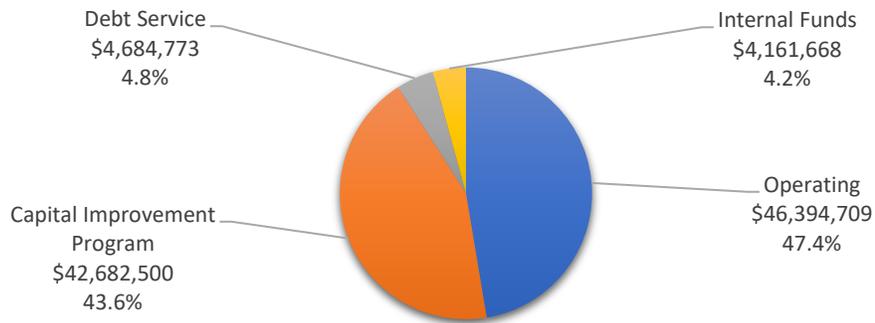
I would like to express my appreciation to all the employees of the District whose hard work is not taken for granted and whose dedication is reflected in the daily delivery of services to the District's customers. The District is firmly committed to meeting every challenge brought forth

through innovative and creative problem-solving and embracing continual improvement in all that it does.

Total Revenues
\$68,730,700



Total Expenditures
\$97,923,650



Expenditures in Excess of Revenues
(\$29,192,950)

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**SUMMARY AND COMMENTS
FISCAL YEAR 2021 BUDGET**

Budget Summary – All Funds (Sewer Service and Capacity Funds)

	Budget FY 2020	Estimated Actual FY 2020	Proposed Budget FY 2021	% Change
Total Revenues				
Sewer Service Charges	\$60,099,000	\$60,500,000	\$60,500,000	0.7
Capacity Fees	13,567,000	12,312,200	5,712,200	(57.9)
Work Group Revenues	1,283,500	1,254,064	1,293,500	0.8
Interest	1,350,000	2,211,058	1,150,000	(14.8)
Other	512,000	412,000	75,000	(85.4)
SRF Loan Proceeds	0	0	0	0.0
Total Revenues	\$76,811,500	\$76,689,322	\$68,730,700	(10.5)
Total Expenditures				
Operating	\$43,689,365	\$43,283,831	\$46,394,709	6.2
Capital Projects (90%)	19,732,500	11,400,000	42,682,500	116.3
Debt Service	3,902,080	4,021,267	4,684,773	20.1
Special Projects	4,354,600	1,319,557	2,723,000	(37.5)
Other Internal Funds	1,260,750	937,414	1,438,668	14.1
Total Expenditures	\$72,939,295	\$60,962,069	\$97,923,650	34.4
Net Revenues (Expenditures) - To/(From) Reserves	\$3,872,205	\$15,727,253	(\$29,192,950)	(853.9)

Proposed Combined Budget – Sewer Service and Capacity Funds

	Sewer Service Fund (Incl Fund 80)	Capacity Fund (Fund 90)	Total
Total Revenues			
Sewer Service Charges	\$60,500,000	\$0	\$60,500,000
Capacity Fees	0	5,712,200	5,712,200
Work Group Revenues	1,293,500	0	1,293,500
Interest	750,000	400,000	1,150,000
Other	75,000	0	75,000
SRF Loan Proceeds	0	0	0
Total Revenues	\$62,618,500	\$6,112,200	\$68,730,700
Total Expenditures			
Operating	\$46,394,709	\$0	\$46,394,709
Capital Projects (90%)	20,052,000	22,630,500	42,682,500
Debt Service	2,014,249	2,670,524	4,684,773
Special Projects	2,723,000	0	2,723,000
Other Internal Funds	1,438,668	0	1,438,668
Total Expenditures	\$72,622,626	\$25,301,024	\$97,923,650
Expenditures in Excess of Revenues – From Reserves	(\$10,004,126)	(\$19,188,824)	(\$29,192,950)

SEWER SERVICE FUND

The FY 2021 budget for the Sewer Service Fund is presented below:

	Budget FY 2020	Estimated Actual FY 2020	Proposed Budget FY 2021	% Change
Total Revenues				
Sewer Service Charges	\$60,099,000	\$60,500,000	\$60,500,000	0.7
Work Group Revenues	1,283,550	1,254,064	1,293,500	0.8
Interest	850,000	1,311,058	750,000	(11.8)
Other	387,000	287,000	75,000	(80.6)
SRF Loan Proceeds	0	0	0	0
Total Revenues	\$62,619,500	\$63,352,122	\$62,618,500	(0.002)
Total Expenditures				
Operating	\$43,689,254	\$43,283,831	\$46,394,709	6.2
Capital Projects (90%)	12,132,000	7,000,000	20,052,000	65.3
Debt Service	2,785,617	2,857,810	2,014,249	(27.7)
Special Projects	4,354,600	1,319,557	2,723,000	(37.5)
Other Internal Funds	1,260,750	937,414	1,438,668	14.1
Total Expenditures	\$64,222,221	\$55,398,612	\$72,622,626	13.1
Net Revenues (Expenditures) - To/(From) Reserves	(\$1,602,832)	\$7,953,510	(\$10,004,126)	524.2

REVENUES: Revenues in the Sewer Service Fund are anticipated to remain approximately the same as FY 2020 actual due to a Board approved one-year deferral of the collection of the residential rate increase for FY 2021. With respect to the estimated actual amounts for FY 2020 the FY 2021 budget reflects only a 0.002% change. Each of the individual revenue elements is discussed below:

Sewer Service Charges: The principal revenue source for the Sewer Service Fund is the annual Sewer Service Charges, estimated to be \$60.5 million in FY 2021. The budget estimate has been based on a new wastewater rate and cost of service study, resulting in the adoption of a five-year rate plan in May of 2020, pursuant to the requirements of Proposition 218. The existing annual sewer service charge for Single Family Dwellings (SFD) will increase from \$421.37 in FY 2020 to \$454.57 in FY 2021, however, the collection of that increase will be deferred until FY 2022 due to the unanticipated COVID-19 crisis. Similarly, the annual Multi-family Dwelling rate will increase from \$365.32 in FY 2020 to \$400.58 in FY 2021, but collection of that increase will also be deferred until FY 2022. The Multi-family Dwelling rate will remain at \$365.32 as a result. Residential rates account for approximately 75% of total sewer service charge revenues. For non-residential customers, rates are calculated annually using flow based on water usage and sewage strength.

Work Group Revenues: These revenues consist of things like field inspection fees, plan check fees, permits, external work orders, and services provided to the City of Fremont's Urban Runoff program. Because these items tend to vary based on external demands, anticipated revenues are typically estimated in a conservative manner. The FY 2021 budget estimate is \$10,000 (0.8%) higher than the prior year's budget amount.

Interest: Interest income is expected to decrease 11.8% from the FY 2020 budget amount. This change is based on market volatility and based on an uncertain economic outlook. All indications are that the Federal Reserve will keep interest rates close to 0% even if the overall national economy rebounds from the COVID-19 crisis and other socio-political issues currently influencing the global markets.

Other: Other revenues consist of miscellaneous income, primarily rebates for various District programs and forfeited customer deposits. This item is expected to decrease by 80.6% from the FY 2020 budget amount, primarily because of the end of the SGIP co-generation rebate program which impacted last year positively.

SRF Loan Proceeds: No SRF loan proceeds are anticipated to be received in FY 2021, although 2 project applications have been filed for funding consideration.

EXPENDITURES: Expenditures in the Sewer Service Fund are anticipated to increase 13.1% in comparison to the FY 2020 budget. Each of the individual expenditure elements is discussed below:

Operating: Operating expenditures are those required for the day-to-day operations of the District, including maintenance, regulatory activities, engineering, and administration. Operating expenditures are estimated to increase 6.2% in FY 2021. Of that increase, 5.7% is due primarily to addition of two positions to support the ETSU program, salaries and benefits adjustments in accordance with the District’s Memorandum of Understanding (MOU) with its classified employees and increased California Public Employees’ Retirement System (CalPERS) contributions.

Below is additional information about the components of salaries and benefits:

	Budget FY 2020	Proposed Budget FY 2021	Dollar Change	% Change
Wages	\$18,034,108	\$19,011,381	\$977,273	5.4
CalPERS Contributions	5,432,246	6,086,861	654,615	12.1
Workers’ Compensation	322,808	382,581	59,773	18.5
Other (Medical, Medicare)	3,858,369	4,036,657	178,288	4.6
Vacancy Factor	(552,951)	(885,524)	(332,573)	60.1
Total Salaries and Benefits	\$27,094,580	\$28,631,956	\$1,537,376	5.7

Increased payments to CalPERS are the result of both increased wages and an increase in the CalPERS contribution rate, from 29.203% in FY 2020 to 31.117% in FY 2020, resulting in a 12.1% overall increase in payments to CalPERS. Workers’ compensation costs have increased because of increased wages (upon which workers’ compensation premiums are based) and an anticipated 5% rate increase. Medical amounts are increasing in accordance with the MOU. Salaries and benefits include a 3% vacancy factor, an increase of 1% from prior year, in recognition of the fact that vacancies occur throughout the year and are not immediately backfilled.

Below is information about the Fund 20 components of Operating expenditures, which include salaries and benefits:

Work Group	Budget FY 2020	Estimated Actual FY 2020	Proposed Budget FY 2021	% Change
Board of Directors	\$ 179,176	\$ 172,862	\$ 180,354	0.7
General Manager	1,066,367	1,055,464	1,066,753	0.04
Business Services	4,342,141	4,073,437	4,169,231	(4.0)
Collection Services	7,315,485	6,960,071	7,623,414	4.2
Technical Services	6,639,720	6,403,936	6,815,278	2.6
Treatment & Disposal Services	11,299,505	11,377,867	12,769,413	13.0
EBDA	1,614,002	1,614,002	1,736,000	7.6
ETSU	0	355,152	681,793	
Fabrication, Maintenance, and Construction	8,837,463	8,940,515	9,050,619	2.4
Non-Departmental	910,506	846,525	982,500	7.9
Total Operating Expenditures	\$42,205,365	\$41,799,831	\$45,075,355	6.8

In addition to salary and benefit increases discussed above, some of the other reasons for the 6.8% increase in operating expenditures are as follows:

- The addition of a Plant Operator and an Assistant Engineer in support of the ETSU program
- Actual costs for Districtwide accounts (telephones, training, insurance premiums and other miscellaneous items) are projected to increase
- Treatment & Disposal is projecting increases in chemical and energy costs associated with treatment processes
- Fabrication, Maintenance, and Construction expects to incur additional costs due to increased maintenance needs for aging infrastructure, utility rate increases from Alameda County Water District (ACWD) and PG&E, and increased maintenance costs for the EBDA pump station until a new station is constructed

District-wide training, property insurance, and telephones, that benefit the entire District, not just one or two individual work groups were placed into a Non-Departmental category in FY 2018. This change will remain in effect and has been beneficial in tracking District-wide expenses. The FY 2021 budget continues to reflect this change.

Capital Projects: This line item is discussed separately later in this document.

Debt Service: This line item is discussed separately later in this document.

Special Projects: This line item includes non-routine expenditures for things like one-time studies, hiring consultants, and new programs where the long-term financial impact, if any, is not known. A detailed listing of Special Projects is included later in this document.

Other Internal Funds: These are separate components of the Sewer Service Fund that account for renewals and replacements of vehicles, equipment, and technology. Below is detailed information about this line item:

	Budget FY 2020	Estimated Actual FY 2020	Proposed Budget FY 2021	% Change
Renewal & Replacement – Vehicles and Equipment (Fund 50)	\$153,050	\$101,919	\$77,868	(49.1)
Renewal & Replacement – Information Systems (Fund 60)	857,700	585,495	960,800	12.0
Renewal & Replacement – Plant and Pump Station (Fund 70)	250,000	250,000	400,000	60.0
Total Other Funds	\$1,260,750	\$937,414	\$1,438,668	14.1

- **Renewal & Replacement – Vehicles and Equipment:** Vehicles and equipment that are scheduled to be replaced due to age or obsolescence are purchased through this fund. The provision is now based on a conditional assessment/age specific replacement schedule and expenditure projection. The vehicles scheduled for replacement in FY 2021 are as follows (no equipment is included in the plan this year):

Vehicles:	
(2) 2020 Hybrid Pool Vehicles	\$77,868
Total Vehicles	\$77,868
Equipment:	
No Equipment in FY21	\$0
Total Vehicles and Equipment	\$77,868

As noted in the table above, estimated actual expenditures in FY 2021 are significantly less than the FY 2020 budget amount.

- **Renewal & Replacement – Information Systems:** The FY 2021 budget for Information Systems renewal and replacement consists of the following:

Small Equipment (Laptops, Switches, Routers, etc.)	\$503,300
SharePoint Upgrade/Conversion	135,000
Permit Tracking System Replacement	112,500
IT Various Projects (Eg. ECMS and LIMS updates)	90,000
GIS – Various	70,000
Cyber Security Plan	50,000
Total Information Systems	\$960,800

- **Renewal & Replacement – Plant and Pump Station:** Plant and pump station renewals and replacements anticipated in FY 2021 consist of the following:

EBDA New Agreement	150,000
Unplanned Maintenance	150,000
(2) Polymer Skids and (3) Rebuild Kits	100,000
Total Plant and Pump Station	\$400,000

Sewer Service Fund Reserves: In accordance with debt covenants and District Policy No. 2090, “Reserves, Allocations and Fund Balance,” the District maintains several reserves in the Sewer Service Fund. In FY 2021, approximately \$2.8 million is anticipated to be transferred from reserves. This is planned based on projected CIP needs and is expected to continue for at least the next five to seven years. A summary of the various reserve/allocation budgets for FY 2021 is shown in the following table:

Reserve/Allocation Descriptions	Proposed Budget FY 2021
Cash Flow	\$19,116,939
Structural Renewal & Replacement	47,830,000
Emergency	6,500,000
Short Term Liquidity	5,000,000
Parity Debt	2,887,200
Liability Insurance	1,000,000
Industrial Customer Stabilization	1,000,000
Information Systems Renewal & Replacement	960,800
Vehicle & Equipment Renewal & Replacement	77,868
Total Reserves/Allocations – Sewer Service Fund	\$84,372,807

A description of each reserve and its target funding level is as follows:

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

- **Structural Renewal & Replacement** – To maintain the ability to renew and replace infrastructure, this reserve is funded at the average annual renewal/replacement capital costs based on the 10-year CIP. This is a conservative approach.
- **Emergency** – In order to help mitigate the financial impacts of an emergency or catastrophic event, the District has an Emergency Reserve. The target for FY 2021 is \$6.5 million.
- **Industrial Customer Stabilization**- The District has several Significant Industrial Users (SIUs). This reserve allows the District to implement appropriate responses and actions should one or more of these SIUs significantly scale back or cease operations unexpectedly, resulting in a rapid loss of revenue to the District.
- **SRF Loan Contingency** – The District is eligible to apply for low interest rate loans through the State of California to finance capital projects. A requirement of these loans is the establishment and maintenance of a contingency reserve that is defined in the loan documents. The reserve balance is set at the amount required in the loan documents, typically one annual payment per loan. Currently unfunded as no SRF debt is outstanding.
- **Short-Term Liquidity** – The District maintains a minimum amount of immediately available funds, to cover the rolling 6-month average monthly payroll, plus a rolling 6-month average of the monthly accounts payable, held in a local bank account, in cash deposits.
- **Parity Debt Reserve**- This fund was recently established to cover debt covenants associated with the recent Series 2020A bond issuance.
- **Liability Insurance** – The District is a member of and purchases liability insurance from the California Sanitation Risk Management Association (CSRMA). The deductible of \$500,000 reduces the amount of premiums charged to the District. To account for an event that is either not covered by insurance or under the deductible amount, the District reserves two times the annual deductible amount, based on claims history.
- **Information Systems Renewal & Replacement** – To maintain the ability to replace computer hardware and software, this fund is allocated at the actual planned annual information systems renewal/replacement costs, plus approved carry over from the previous year.
- **Vehicle & Equipment Renewal & Replacement** – To maintain the ability to replace the District's fleet and major equipment, this fund is allocated at the actual planned annual equipment renewal/replacement costs, plus approved carry over from the previous year.

CAPACITY FUND

The FY 2021 budget for the Capacity Fund is presented below:

	Budget FY 2020	Estimated Actual FY 2020	Proposed Budget FY 2021	% Change
Total Revenues				
Capacity Fees	\$13,567,000	\$12,312,200	\$5,712,200	(57.9)
Interest	500,000	900,000	400,000	(20.0)
Other	125,000	125,000	0	(100.0)
SRF Loan Proceeds	0	0	0	0
Total Revenues	\$14,192,000	\$13,37,200	\$6,112,200	(56.9)
Total Expenditures				
Capital Projects (90%)	\$7,600,500	\$4,400,000	\$22,630,500	197.8
Debt Service	1,116,463	1,163,457	2,670,524	139.2
Total Expenditures	\$8,716,963	\$5,563,457	\$25,301,024	190.3
Net Revenues (Expenditures) - To/(From) Reserves	\$5,475,037	\$7,773,743	(\$19,188,824)	(450.5)

REVENUES: Revenues in the Capacity Fund are anticipated to decrease 56.9% in comparison to the FY 2020 budget. Each of the individual revenue elements is discussed below:

Capacity Fees: The principal revenue source for the Capacity Fund is Capacity Fees, estimated to be \$5.7 million in FY 2021. These fees are collected in accordance with the provisions of California Assembly Bill (AB) 1600 and are intended to mitigate the impacts of new development. In the case of the District, these fees are collected from new development as a requirement of connecting to the sewer system. As such, they can only be used for capital projects that preserve or increase the system's capacity to serve that new development. The last several years have seen significant new development in the Tri-Cities area of Fremont, Newark, and Union City. The pace of that development is expected to slow in FY 2021, resulting in a reduced revenue estimate as compared to FY 2020 actual. Pursuant to Ordinance No. 35.22, based on a capacity fee study and adopted by the Board in April 2016, capacity fees were to increase annually through FY 2020. Capacity fees for Single Family Dwellings (SFD) were \$8,898 in FY 2020, and capacity fees for Multi-family Dwellings were \$7,627 in FY 2020. These fees will remain in effect until an updated Capacity Fee Study is completed and considered by the District.

Interest: Interest income is expected to decrease 20% from the FY 2020 budget amount and decrease 55.6% from the FY 2020 estimated actual amount. This overall decrease is based on the market volatility and uncertainty in the economy as the result of COVID-19 and other socio-economic and political influencing factors.

Other: Other revenues are not expected in the Capacity Fund in FY 2021.

SRF Loan Proceeds: No SRF loan proceeds are anticipated to be received in FY 2021.

EXPENDITURES: Expenditures in the Capacity Fund are anticipated to increase 190.3% in comparison to the FY 2020 budget. This is attributable to increased spending on capital projects. Debt service may also increase accordingly. These items are discussed in more detail later in this document.

Capacity Fund Reserves: In FY 2021, approximately \$3.47 million is anticipated to be transferred from reserves. Because Capacity Fees are collected in accordance with AB 1600, they are subject to regulatory restriction. As a result, \$61,785,534 is restricted for use on capital projects that preserve or increase the District’s capacity to serve new development.

CAPITAL PROJECTS

Capital projects are accounted for in the Sewer Service Fund (Structural Renewal and Replacement [Fund 80]) and the Capacity Fund (Fund 90). The District adopts a 20-year Capital Improvement Plan (CIP) each year in conjunction with the adoption of the annual operating budget. Actual appropriations are established at 90% of the CIP amount for that year. Although spending for capital projects is anticipated to be significantly higher in FY 2021 than in the prior year, it is also expected to continue to increase substantially over the next five to seven years, as the result of the ETSU Program and other CIP projects. Through FY 2030, the CIP includes projects totaling over \$709.4 million. By FY 2040, this amount will grow to \$1.14 billion.

Below is information about capital projects spending for FY 2020 and FY 2021:

	Budget FY 2020	Estimated Actual FY 2020	Proposed Budget FY 2021	% Change
Sewer Service Fund – Structural Renewal and Replacement	\$12,132,000	\$7,000,000	\$20,052,000	65.3
Capacity Fund	7,600,000	4,400,000	22,630,500	197.8
Total Capital Projects	\$19,732,000	\$11,400,000	\$42,682,500	116.3

Key elements of the FY 2021 capital improvement program include **design** of the following projects:

- **Enhanced Treatment and Site Upgrade Program projects-** This program is a comprehensive, multi-year, phased set of projects that includes aeration basin modifications, plant equalization storage basins, effluent facilities, and administrative campus design.
- **Centrifuge Building Improvements** – Various rehabilitation and improvement projects associated with final solids handling, odor control and conveyance systems at the centrifuge building in the treatment plant.
- **WAS Thickeners Replacement**– This project will replace the existing WAS thickeners to maintain existing solids handling capacity and provide improved treatment.

Key elements of the FY 2021 capital improvement program include **construction** of the following projects:

- **Digester No. 7** – The Plant Solids Capacity/Assessment Study identified a need for reliable solids capacity in the primary digester system and recommended the District construct new Primary Digester No. 7.
- **Digester No. 2 Inspection and Rehab-** This project entails conditional assessment and any necessary repairs to Digester No. 2 to ensure its continued solids handling capacity.

- **Alvarado Influent Pump Station Improvements** – This project will replace the station’s wastewater pumps, variable frequency drives (VFDs), and electrical switchboard because they are at the end of their useful lives, and replacement parts are difficult to obtain because of lack of availability of original equipment and manufacturers’ support.
- **Headworks Screens Replacement** – This project will install new mechanical bar screens at the Headworks Building to improve removal of debris from the wastewater prior to the plant’s downstream processes, and to restore capacity and redundancy of the system.
- **Gravity Sewer Rehab/Replacement at Various Locations throughout the Tri-Cities** – The project will install full-length cured-in-place pipe (CIPP) lining of damaged sewer mains at several locations in the District’s service area.

DEBT SERVICE

Debt service is related to capital projects and is accounted for in the Sewer Service Fund (Structural Renewal and Replacement [Fund 80]) and the Capacity Fund (Fund 90). The District paid off all nine outstanding loans from the State Water Resources Control Board’s Clean Water State Revolving Fund (SRF) in FY 2020, using revenue bond proceeds. Details about debt service payments are presented below:

Debt	Sewer Service Fund – Structural Renewal and Replacement		Capacity Fund		Total Debt Service – FY 2021	Maturity Date
	FY 2020	FY 2021	FY 2020	FY 2021		
State Water Resources Control Board Loans	\$2,785,617	\$0	\$1,116,463	\$0	\$0	
Revenue Bonds, Series 2020A	0	2,014,249	0	2,670,524	4,684,773	06/30/2051
Total Debt Service	\$2,785,617	\$2,014,249	\$1,116,463	\$2,670,524	\$4,684,773	

SPECIAL PROJECT EXPENDITURES

DESCRIPTION	Adopted Budget FY20	Estimated Actual FY20	Estimated Carryover	New \$ (Provision)	Proposed Budget FY21
Administrative & Regulatory					
Anticipated Biosolids Coalition Membership Dues	\$25,000	\$0	\$25,000	\$0	\$25,000
Anticipated Election Costs (Fremont, Newark & Union City; 164,200 registered voters)	820,600	111,330	0	0	0
GIS JPA	27,000	22,000	5,000	25,000	30,000
Public Outreach Programs	150,000	150,000	0	150,000	150,000
Public Information Program	75,000	75,000	0	70,000	70,000
Property Acquisition	1,500,000	0	1,500,000	0	1,500,000
Recruitment	30,000	29,000	0	0	0
HR NEOGov Onboarding System	0	0	0	10,000	10,000
Sub-Total Administrative & Regulatory	\$2,627,600	\$387,330	\$1,530,000	\$255,000	\$1,785,000
Studies & Other					
ACWD/SFPUC Joint Reclaimed Water Study	95,000	20,000	75,000	0	75,000
Alvarado Sub-Surface Investigation (Plant Groundwater Monitoring)	8,000	6,724	1,276	6,724	8,000
Capacity Fee Study	50,000	47,000	3,000	22,000	25,000
CIP Front End Specs Update	100,000	80,000	10,000	0	10,000
Cogen Options Evaluation	150,000	99,730	0	0	0
Cost of Service Analysis (COSA)	85,000	85,000	0	0	0
Financial Master Plan	25,000	35,000	0	40,000	40,000
Forcemain Condition Assessment	30,000	0	30,000	0	30,000
Forcemain Geotech Investigation at Alameda Creek	100,000	23,000	77,000	23,000	100,000
Irvington Basin MP Update	60,000	50,000	10,000	260,000	270,000
IT Master Plan	114,000	5,732	0	0	0
Newark Basin Master Plan/PACP Update	30,000	80,159	0	0	0
Odor Control Alternatives Studies	50,000	12,772	0	0	0
Odor Control Pilot Study	250,000	35,000	215,000	90,000	305,000
Old Alameda Creek Report of Waste Discharge (ROWD)	300,000	75,000	50,000	0	50,000
Plant Master Plan	75,000	79,375	0	0	0
Pump Stations Odor Control Study	75,000	99,000	0	0	0
Treatment Plant IT Network Master Plan	130,000	98,735	0	0	0
Fiscal Model Update	0	0	0	25,000	25,000
Sub-Total Studies & Other	1,727,000	932,227	471,276	466,724	938,000
Total Special Projects	\$4,354,600	\$1,319,557	\$2,001,276	\$721,724	\$2,723,000

**Annual Contract Purchases of Supplies and Services
Over \$100,000
for Fiscal Year 2021**

	<i>Estimated Expenditure</i>
Supplies:	
Sodium Hypochlorite, 1-year contract	\$686,000
Ferrous Chloride, 1-year contract	547,000
Hydrogen Peroxide Contract	532,000
Polymer, emulsion, 2-year contract with 3 optional 1-year renewals	460,000
Polymer, mannich, 2-year contract with 3 optional 1-year renewals	106,000
Total Supplies	\$2,331,000
Services:	
CalPERS Retirement	\$6,086,861
Series 2020A - Annual Debt Service on Bonds	4,684,773
CalPERS Medical	3,751,220
PG&E, electrical service - Alvarado site (\$1,900,000) and Newark P.S. (\$245,000)	2,145,000
EBDA Operations & Maintenance payments	1,736,000
Biosolids Contract	1,481,000
OPEB Retiree Medical Trust payments (ADC)	708,354
Insurance (Property & Contents, Fleet, General Liability, Bonding)	387,500
Gas Media, Year Two of Two with HydroChemPSC	162,000
DGS natural gas service, PG&E billed through DGS	160,000
Grit screening and disposal, 1-year contract	115,000
Total Services	\$21,417,708

**Union Sanitary District 20-Year CIP
FY 2021 - FY2040
(All Figures x \$1,000)**

Fund	%	Rank	Status	Project Name	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	10-Year Total	FY31	FY32	FY33	FY34	FY35	FY36	FY37	FY38	FY39	FY40	20-Year Total		
ADMINISTRATIVE FACILITIES																												
800		3		Additional CS (Vehicle) Storage									250		250											250		
800		1	Prog/Des	ETSU - Campus Buildings (Admin, FMC, Ops)	3,900	32,100	30,000	6,250							72,250											72,250		
800		1		Field Ops Bldg. Sesmic Upgrade and Leak Repairs					200		1,500	1,600			3,300											3,300		
800		3		FMC Storage				300							300											300		
800		3		Plant Paving			250					500		200	950		200		200		200		200			1,750		
800		2		Radio Repeater Antenna Replacement									150		150											150		
800	50	3		Solar Panels/Inverters Replacement at Alvarado											0				150							150		
900	50	3		Solar Panels/Inverters Replacement at Alvarado											0				150							150		
800	50	2		Solar Panels/Inverters Replacement at Carport		50									50	300										350		
900	50	2		Solar Panels/Inverters Replacement at Carport		50									50	300										350		
800	50	2		Solar Panels/Inverters Replacement at Irvington		150									150		900									1,050		
900	50	2		Solar Panels/Inverters Replacement at Irvington		150									150		900									1,050		
Total for ADMINISTRATIVE FACILITIES					3,900	32,500	30,250	6,550	200	0	1,500	2,100	400	200	77,600	600	2,000	0	500	0	200	0	200	0	0	81,100		
Total Priority 1 Administrative Facilities					3,900	32,100	30,000	6,250	200	0	1,500	1,600	0	0	75,550	0	0	0	0	0	0	0	0	0	0	0	75,550	
Total Priority 2 Administrative Facilities					0	400	0	0	0	0	0	0	150	0	550	600	1,800	0	0	0	0	0	0	0	0	0	2,950	
Total Priority 3 Administrative Facilities					0	0	250	300	0	0	0	500	250	200	1,500	0	200	0	500	0	0	200	0	200	0	0	2,600	
Total Fund 800 - Administrative Facilities					3,900	32,300	30,250	6,550	200	0	1,500	2,100	400	200	77,400	300	1,100	0	350	0	200	0	200	0	0	0	79,550	
Total Fund 900 - Administrative Facilities					0	200	0	0	0	0	0	0	0	0	200	300	900	0	150	0	0	0	0	0	0	0	0	1,550

Fund	%	Rank	Status	Project Name	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	10-Year Total	FY31	FY32	FY33	FY34	FY35	FY36	FY37	FY38	FY39	FY40	20-Year Total		
COLLECTION SYSTEM																												
800		2	Design	Cast Iron/Pipe Lining	500		532		500		566		602		2,700	640		681		725		772				5,518		
800		1	Design	Central Avenue Sanitary Sewer Relocation	50	1,000									1,050											1,050		
800		2	Constr	Gravity Sewer Rehab/Replacement	1,000	400	1,495	1,698		1,807		1,922		2,046	10,368		2,176		2,316		2,464		2,622			19,946		
800		1		RCP Sewer Rehab (Alvarado Basin)					350	3,500					3,850											3,850		
800		1	Design	RCP Sewer Rehab (Irvington Basin)	300	3,000									3,300											3,300		
800		1		RCP Sewer Rehab (Newark Basin)							350	3,500			3,850											3,850		
Total for COLLECTION SYSTEM					1,850	4,400	2,027	1,698	850	5,307	916	5,422	602	2,046	25,118	640	2,176	681	2,316	725	2,464	772	2,622	0	0	37,514		
Total Priority 1 Collection System					350	4,000	0	0	350	3,500	350	3,500	0	0	12,050	0	0	0	0	0	0	0	0	0	0	0	12,050	
Total Priority 2 Collection System					1,500	400	2,027	1,698	500	1,807	566	1,922	602	2,046	13,068	640	2,176	681	2,316	725	2,464	772	2,622	0	0	0	0	25,464
Total Priority 3 Collection System					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total Fund 800 - Collection System					1,850	4,400	2,027	1,698	850	5,307	916	5,422	602	2,046	25,118	640	2,176	681	2,316	725	2,464	772	2,622	0	0	0	0	37,514
Total Fund 900 - Collection System					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Fund	%	Rank	Status	Project Name	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	10-Year Total	FY31	FY32	FY33	FY34	FY35	FY36	FY37	FY38	FY39	FY40	20-Year Total
TRANSPORT SYSTEM																										
800	50	2		Alameda Creek Crossing Lift Station									375		375	3,000	2,125									5,500
900	50	2		Alameda Creek Crossing Lift Station									375		375	3,000	2,125									5,500
800		2	Constr	Cathodic Protection Improvements - Transport	300	500			150			150			1,100	150			150			150				1,550
900		1	Design	Cherry St. PS	150	1,500	1,500								3,150											3,150
900		2	Design	Equalization Storage @ Irvington	50	600	225								875											875
900		2		Equalization Storage @ Newark							2,300	7,000	16,400		25,700											25,700
800		1	Constr	Forcemain Corrosion Repairs - Phase 3	500	500									1,000											1,000
800		1		Forcemain Corrosion Repairs - Phase 4		550	500								1,050											1,050
800		3		Forcemain Rehabilitation											0	1,000	13,000	13,000	13,000	13,000						53,000
800		3		Hayward Marsh Decommissioning		100	1,000								1,100											1,100

**Union Sanitary District 20-Year CIP
FY 2021 - FY2040
(All Figures x \$1,000)**

Fund	%	Rank	Status	Project Name	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	10-Year Total	FY31	FY32	FY33	FY34	FY35	FY36	FY37	FY38	FY39	FY40	20-Year Total	
800	50	2		Irvington PS Pumps and VFDs				1,070	5,170	2,260					8,500											8,500	
900	50	2		Irvington PS Pumps and VFDs				1,070	5,170	2,260					8,500											8,500	
800	50	2	Design	Newark and Irvington PS Chemical System Imprc	300	1,800	975								3,075											3,075	
900	50	2	Design	Newark and Irvington PS Chemical System Imprc	300	1,800	975								3,075											3,075	
800	50	2		Newark PS Pumps and VFDs							650	2,163	2,150		4,963											4,963	
900	50	2		Newark PS Pumps and VFDs							650	2,163	2,150		4,963											4,963	
800		3		Pump Station Asset Condition Assessment R&R			1,500		3,850	1,000	200			4,600	11,150				100	5,800				5,400		22,450	
800		3		Transport System Misc. Projects		250	250	250	250	250	250	250	250	250	2,250	250	250	250	250	250	250	250	250	250	250	4,750	
800	50	1	Des/Constr	Wet Weather Flow Management	250										250											250	
900	50	1	Des/Constr	Wet Weather Flow Management	250										250											250	
Total for TRANSPORT SYSTEM					2,100	7,600	6,925	2,390	14,590	5,770	4,050	11,726	21,700	4,850	81,701	7,400	17,500	13,250	13,500	19,050	250	5,800	250	250	250	159,201	
Total Priority 1 Transport System					1,150	2,550	2,000	0	0	0	0	0	0	0	0	5,700	0	0	0	0	0	0	0	0	0	0	5,700
Total Priority 2 Transport System					950	4,700	2,175	2,140	10,490	4,520	3,600	11,476	21,450	0	61,501	6,150	4,250	0	150	0	0	150	0	0	0	0	72,201
Total Priority 3 Transport System					0	350	2,750	250	4,100	1,250	450	250	250	4,850	14,500	1,250	13,250	13,250	13,350	19,050	250	5,650	250	250	250	0	81,300
Total Fund 800 - Transport System					1,350	3,700	4,225	1,320	9,420	3,510	1,100	2,563	2,775	4,850	34,813	4,400	15,375	13,250	13,500	19,050	250	5,800	250	250	250	0	107,188
Total Fund 900 - Transport System					750	3,900	2,700	1,070	5,170	2,260	2,950	9,163	18,925	0	46,888	3,000	2,125	0	0	0	0	0	0	0	0	0	52,013

Fund	%	Rank	Status	Project Name	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	10-Year Total	FY31	FY32	FY33	FY34	FY35	FY36	FY37	FY38	FY39	FY40	20-Year Total	
TREATMENT PLANT																											
900		2	Constr	Aeration Blower 11 and East Blower Bldg Improvem	2,175	2,000									4,175												4,175
800	50	2		Aeration Internal Lift Pumps		250	1,250								1,500												1,500
900	50	2		Aeration Internal Lift Pumps		250	1,250								1,500												1,500
800	50	2	Constr	Alvarado Influent PS Improvements-Phase 1	2,000	2,900									4,900											4,900	
900	50	2	Constr	Alvarado Influent PS Improvements-Phase 1	2,000	2,900									4,900											4,900	
800		2	Constr	Alvarado Influent Valve Box Gate Valves 1-2	300										300											300	
800		2	Constr	Cathodic Protection Improvements - Plant	900			500		150		150		150	1,850		150		150		150		150			2,450	
800	50	2	Constr	Centrifuge Building Improvements	1,500	1,600									3,100											3,100	
900	50	2	Constr	Centrifuge Building Improvements	1,500	1,600									3,100											3,100	
800	50	2		Centrifuge Replacement		350	500	3,700	3,700						8,250											8,250	
900	50	2		Centrifuge Replacement		350	500	3,700	3,700						8,250											8,250	
800		2		Centrifuge System Equipment Replacement			900	3,650	3,650						8,200											8,200	
800	50	1		Cogen Engine No. 1 60K Block Replacement					550						550			650								1,200	
900	50	1		Cogen Engine No. 1 60K Block Replacement					550						550			650								1,200	
800	50	1		Cogen Engine No. 2 60K Block Replacement		500								600	1,100								750			1,850	
900	50	1		Cogen Engine No. 2 60K Block Replacement		500								600	1,100								750			1,850	
800	50	2		Cogen Retrofit							100	1,000			1,100											1,100	
900	50	2		Cogen Retrofit							100	1,000			1,100											1,100	
800		2		Control Box No. 1 Improvements							650	4,400	1,950		7,000											7,000	
800		2		Degritter Building Roof (Seismic) Replacement										600	600	3,400	1,400									5,400	
800	50	2		Degritting at Headworks and Improvements							950	5,400	2,300		8,650											8,650	
900	50	2		Degritting at Headworks and Improvements							950	5,400	2,300		8,650											8,650	
800		3		Diffuser Replacement											0			950	750							1,700	
900		3		Digester Additional Capacity											0											0	
800		1	Design	Digester No. 1 Insp & Rehab	400	3,600									4,000				600	5,700						10,300	
800		1	Constr	Digester No. 2 Insp & Rehab	1,500										1,500			600	5,300							7,400	
800		3		Digester No. 3 Insp & Rehab											0	450	4,150									4,600	
800		3		Digester No. 4 Insp & Rehab					450	4,100					4,550											4,550	
800		3		Digester No. 5 Insp & Rehab							450	4,300			4,750											4,750	
800		3		Digester No. 6 Insp & Rehab			500	4,600							5,100								600			5,700	

**Union Sanitary District 20-Year CIP
FY 2021 - FY2040
(All Figures x \$1,000)**

Fund	%	Rank	Status	Project Name	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	10-Year Total	FY31	FY32	FY33	FY34	FY35	FY36	FY37	FY38	FY39	FY40	20-Year Total	
800		3		Digester No. 7 Insp & Rehab											0						550	5,200				5,750	
900		1	Constr	Digester No. 7	13,000	7,000									20,000											20,000	
800	50	2		Emergency Outfall Outlet Improvements		625									625											625	
900	50	2		Emergency Outfall Outlet Improvements		625									625											625	
800	50	1	Design	ETSU - Aeration Basin Modifications	3,000	9,700	6,950	2,963	2,963						25,575											25,575	
900	50	1	Design	ETSU - Aeration Basin Modifications	3,000	9,700	6,950	2,963	2,963						25,575											25,575	
800	50	1	Design	ETSU - Blower 7-10 Replacement	300	1,350	2,900	350							4,900											4,900	
900	50	1	Design	ETSU - Blower 7-10 Replacement	300	1,350	2,900	350							4,900											4,900	
900		1	Design	ETSU - Aeration Basin No. 8	300	4,000	7,500	3,700							15,500											15,500	
800	50	1	Design	ETSU - Secondary Clarifiers	1,400	3,450	500	27,350	18,250						50,950												50,950
900	50	1	Design	ETSU - Secondary Clarifiers	1,400	3,450	500	27,350	18,250						50,950												50,950
800		1	Design	ETSU - Effluent Facilities	1,000	3,000	1,000	21,400	21,400						47,800												47,800
900		1		ETSU - Plant Equalization Storage				550	1,650	17,300					19,500											19,500	
800	50	3		ETSU - Nutrient Removal (Level 2 Year-round)											0						2,600	10,750	34,000	45,400		92,750	
900	50	3		ETSU - Nutrient Removal (Level 2 Year-round)											0						2,600	10,750	34,000	45,400		92,750	
800		2		Flares Replacement		700	5,300								6,000											6,000	
900		2		Flares Replacement		700	5,300								0											0	
800		2		Headworks Gates										500	500	3,500										4,000	
800	60	1	Constr	Headworks Screens Replacement	1,080										1,080											1,080	
900	40	1	Constr	Headworks Screens Replacement	720										720											720	
800		2		MCC Replacement		100	900					50	500		1,550											1,550	
800		2		Odor Scrubber System Improvements					650	1,300	5,200	4,800	1,500	400	13,850	3,000	1,300	7,000	4,400	7,500	3,700	3,500	800	6,300	51,350		
800		2		Plant 1 and 2 Water System Improvements		100	900								1,000											1,000	
800		2		Plant 12kV Switchgear				700	3,500	5,000	4,000				13,200											13,200	
900		2		Plant 12kV Switchgear											0											0	
800	50	3		Plant Additional Power Source											0							250	2,000	2,750		5,000	
900	50	3		Plant Additional Power Source											0							250	2,000	2,750		5,000	
800		2		Plant Asset Condition Assessment R&R			100	150	2,000	500		1,000		200	3,950	300	4,500	1,150	2,650	400	200		400	0		13,550	
800		2		Plant Asset Condition Assessment Projects		2,400			3,000				800	3,350	9,550	3,350	3,350									16,250	
800	50	2		Plant Fiber Optic Network		250	250	250	250	300	300	300	300	300	2,500											2,500	
900	50	2		Plant Fiber Optic Network		250	250	250	250	300	300	300	300	300	2,500											2,500	
800		2		Plant Grating Replacement		50									50											50	
800		2		Plant Mechanical and Electrical Projects		500	500	500	500	500	500	500	500	500	4,500	500	500	500	500	500	500	500	500	500	500	9,500	
800		2		PLC Replacement		250			300				350		900			400				450				1,750	
800		1		Primary Clarifier (1 - 4) Sismic Upgrade			550	4,000	1,810						6,360											6,360	
900		1		Primary Clarifier (1 - 4) Sismic Upgrade			550	4,000	1,810						0											0	
800	75	2		Primary Clarifier Rehab (5-6)					1,328	7,260	7,260	1,328			17,176											17,176	
900	25	2		Primary Clarifier Rehab (5-6)					442	2,420	2,420	442			5,724											5,724	
800		3		Reclaimed Water											0											0	
900		3		Reclaimed Water											0											0	
800		3		Secondary Digester No. 1 Insp & Rehab			350	3,200							3,550				500	4,700						8,750	
800		3		Secondary Digester No. 2 Insp & Rehab						400	3,400				3,800							550	5,000			9,350	
800		2		Seismic Retrofit of Conc. Structures		200		300		300		300		300	1,400		300		300		300		300			2,600	
800	50	2		Site Drainage Improvements			200	400	1,400	1,150					3,150											3,150	
900	50	2		Site Drainage Improvements			200	400	1,400	1,150					3,150											3,150	
800	50	2		Sludge Recirculation Pump Replacement											0											0	
900	50	2		Sludge Recirculation Pump Replacement											0											0	
800		1	Des/Constr	Standby Power Generation System Upgrade	1,000	14,000	12,000	6,000							33,000											33,000	

**Union Sanitary District 20-Year CIP
FY 2021 - FY2040
(All Figures x \$1,000)**

Fund	%	Rank	Status	Project Name	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	10-Year Total	FY31	FY32	FY33	FY34	FY35	FY36	FY37	FY38	FY39	FY40	20-Year Total	
900		3		Standby Power Generator No. 4											0						2,300	14,500	7,200			24,000	
800		2		Switchboard 3 Replacement		100	800	350							1,250											1,250	
900		2		Switchboard 3 Replacement											0											0	
800		2		Switchboard 4 Replacement			150	1,000	500						1,650											1,650	
900		2		Switchboard 4 Replacement											0											0	
800		2		Thickeners 1 and 2 Rehabilitation				200	1,700	750					2,650											2,650	
800		3		Thickeners 3 and 4 Rehabilitation											0			650	3,000							3,650	
800		1	Design	WAS Thickeners	800	4,200	5,000	1,500							11,500											11,500	
900		3		Waste Recycling and Alternative Energy										1,500	1,500	9,000										10,500	
Total for TREATMENT PLANT					39,575	84,150	61,550	122,325	97,105	42,880	26,580	30,670	10,800	9,300	524,935	23,500	15,650	11,900	14,700	12,500	22,750	42,050	93,050	103,700	500	865,235	
Total Priority 1 Treatment Plant					29,200	65,800	46,750	98,475	68,385	17,300	0	0	0	1,200	327,110	0	0	1,900	5,300	600	5,700	0	1,500	0	0	0	342,110
Total Priority 2 Treatment Plant					10,375	18,350	13,950	16,050	28,270	21,080	22,730	26,370	10,800	6,600	174,575	14,050	11,500	9,050	8,000	8,400	4,850	4,450	2,150	6,800	500	0	244,325
Total Priority 3 Treatment Plant					0	0	850	7,800	450	4,500	3,850	4,300	0	1,500	23,250	9,450	4,150	950	1,400	3,500	12,200	37,600	89,400	96,900	0	0	278,800
Total Fund 800 - Treatment Plant					15,180	50,175	41,500	83,063	67,901	21,710	22,810	23,528	8,200	6,900	340,966	14,500	15,650	11,250	14,700	12,500	17,850	16,550	49,100	55,550	500	0	549,116
Total Fund 900 - Treatment Plant					24,395	33,975	20,050	39,263	29,205	21,170	3,770	7,142	2,600	2,400	183,969	9,000	0	650	0	0	4,900	25,500	43,950	48,150	0	0	316,119

Project Type	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	10-Year Total	FY31	FY32	FY33	FY34	FY35	FY36	FY37	FY38	FY39	FY40	20-Year Total	
Administrative Facilities	3,900	32,500	30,250	6,550	200	0	1,500	2,100	400	200	77,600	600	2,000	0	500	0	200	0	200	0	0	0	81,100
Collection System	1,850	4,400	2,027	1,698	850	5,307	916	5,422	602	2,046	25,118	640	2,176	681	2,316	725	2,464	772	2,622	0	0	0	37,514
Transport System	2,100	7,600	6,925	2,390	14,590	5,770	4,050	11,726	21,700	4,850	81,701	7,400	17,500	13,250	13,500	19,050	250	5,800	250	250	250	159,201	
Treatment Plant	39,575	84,150	61,550	122,325	97,105	42,880	26,580	30,670	10,800	9,300	524,935	23,500	15,650	11,900	14,700	12,500	22,750	42,050	93,050	103,700	500	865,235	
GRAND TOTAL	47,425	128,650	100,752	132,963	112,745	53,957	33,046	49,918	33,502	16,396	709,354	32,140	37,326	25,831	31,016	32,275	25,664	48,622	96,122	103,950	750	1,143,050	
R&R (Fund 800) Total	22,280	90,575	78,002	92,631	78,371	30,527	26,326	33,613	11,977	13,996	478,297	19,840	34,301	25,181	30,866	32,275	20,764	23,122	52,172	55,800	750	773,368	
Capacity (Fund 900) Total	25,145	38,075	22,750	40,333	34,375	23,430	6,720	16,305	21,525	2,400	231,057	12,300	3,025	650	150	0	4,900	25,500	43,950	48,150	0	369,682	
Priority 1																							
Administrative Facilities	3,900	32,100	30,000	6,250	200	0	1,500	1,600	0	0	75,550	0	0	0	0	0	0	0	0	0	0	0	75,550
Collection System	350	4,000	0	0	350	3,500	350	3,500	0	0	12,050	0	0	0	0	0	0	0	0	0	0	0	12,050
Transport System	1,150	2,550	2,000	0	0	0	0	0	0	0	5,700	0	0	0	0	0	0	0	0	0	0	0	5,700
Treatment Plant	29,200	65,800	46,750	98,475	68,385	17,300	0	0	0	1,200	327,110	0	0	1,900	5,300	600	5,700	0	1,500	0	0	0	342,110
Total Priority 1 Projects	34,600	104,450	78,750	104,725	68,935	20,800	1,850	5,100	0	1,200	420,410	0	0	1,900	5,300	600	5,700	0	1,500	0	0	0	435,410
Priority 2																							
Administrative Facilities	0	400	0	0	0	0	0	0	150	0	550	600	1,800	0	0	0	0	0	0	0	0	0	2,950
Collection System	1,500	400	2,027	1,698	500	1,807	566	1,922	602	2,046	13,068	640	2,176	681	2,316	725	2,464	772	2,622	0	0	0	25,464
Transport System	950	4,700	2,175	2,140	10,490	4,520	3,600	11,476	21,450	0	61,501	6,150	4,250	0	150	0	0	150	0	0	0	0	72,201
Treatment Plant	10,375	18,350	13,950	16,050	28,270	21,080	22,730	26,370	10,800	6,600	174,575	14,050	11,500	9,050	8,000	8,400	4,850	4,450	2,150	6,800	500	244,325	
Total Priority 2 Projects	12,825	23,850	18,152	19,888	39,260	27,407	26,896	39,768	33,002	8,646	249,694	21,440	19,726	9,731	10,466	9,125	7,314	5,372	4,772	6,800	500	344,940	
Priority 3																							
Administrative Facilities	0	0	250	300	0	0	0	500	250	200	1,500	0	200	0	500	0	200	0	200	0	0	0	2,600
Collection System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transport System	0	350	2,750	250	4,100	1,250	450	250	250	4,850	14,500	1,250	13,250	13,250	13,350	19,050	250	5,650	250	250	250	81,300	
Treatment Plant	0	0	850	7,800	450	4,500	3,850	4,300	0	1,500	23,250	9,450	4,150	950	1,400	3,500	12,200	37,600	89,400	96,900	0	278,800	
Total Priority 3 Projects	0	350	3,850	8,350	4,550	5,750	4,300	5,050	500	6,550	39,250	10,700	17,600	14,200	15,250	22,550	12,650	43,250	89,850	97,150	250	362,700	



Summary of the EBDA Commission Meeting Thursday, April 16, 2020, at 9:30 a.m.

- Commissioners Cutter, Handley, Johnson, Lamnin, and Walters were present. This meeting was conducted telephonically and the dial-in information for the meeting was provided in the agenda.
- Commissioner Handley moved to approve the Commission Meeting Minutes of March 19, 2020, List of Disbursements for March 2020, and the March 2020 Treasurer's Report. The motion was seconded by Commissioner Lamnin and carried 5-0.
- The Commission unanimously approved the reports from the Managers Advisory, Financial Management, and Operations & Maintenance. The following items were discussed:
- **General Managers Report** - The General Manager (GM) provided an update on the Chlorine Residual Basin Plan Amendment, which would revise the regulatory requirement to maintain an instantaneous 0.0 mg/L chlorine residual at MDF. The amendment is scheduled for a public hearing and adoption in November. The GM also announced that EBDA's new website is scheduled to launch next week. The GM will send out a notice when it is ready to view and requested feedback once launched.

HASPA has released a Draft Design Alternatives Report for the Shoreline Master Plan. EBDA participated in stakeholder meetings along with Member Agency staff from Hayward and Oro Loma. The Master Plan is being closely coordinated with EBDA's grant-funded work on the Horizontal Levee Project and Feasibility Study for nature-based solutions at the Hayward Ponds. EBDA plans to release an RFP for these two projects in the coming months. EBDA will continue to work with its partners in developing a public outreach program.

The COVID-19 Pandemic has caused temporary closure of the Skywest Golf Course and related economic hardship for Hayward Area Recreation District (HARD). Staff recommends suspension of the recycled water charges for the golf course for May and June. EBDA will bring forth a resolution next month for approval.

- **Managers Advisory Committee (MAC)** met on April 9, 2020. The MAC primarily focused on reviewing a draft term sheet for a potential brine project, which will be brought to the Regulatory Affairs Committee for review.
- **Financial Management Committee** met on April 13, 2020. The Committee reviewed the List of Disbursements and Treasurer's Report for March and recommended approval. The Committee also reviewed the Public Official Bond for the Operations & Maintenance Manager's position and recommends keeping the current policy and coverage amounts in place. The Committee recommends removing the dollar amount of the bond from the Investment Policy to provide flexibility in the future.

The Committee also reviewed previously approved lump-sum payments to the Authority’s OPEB and Pension funds and recommends proceeding with the approved payments.

Lastly, the Committee reviewed the status of the LAVWMA negotiation, which has slowed due to LAVWMA beginning a study of their capacity needs. The Commission discussed some term-extension options and stipulations, which will be brought back before the Committee and Commission next month.

- **Operations and Maintenance (O&M) Committee** – The Operations and Maintenance Committee met on April 14, 2020, and discussed the status of the EBDA facilities. The O&M Manager reviewed NPDES Compliance for February and preliminary data for March and provided an update on current projects. At HEPS, the MCC stairs and the generator platform are scheduled to arrive next week. The remaining items for HEPS are on hold until the Shelter-in-Place has lifted. For AEPS, the Cavitation Study is on hold due to the COVID-19 Pandemic, but the impeller for Pump No. 6 is scheduled to ship shortly. At OLEPS, installation of the new switch for the generator continues to be postponed, but the Electrical Improvements Project has moved forward. The installation of the wiring and conduits for backup power was completed and a breaker connecting the new wiring is on order and should be installed in the coming month. OLEPS continues to have one of OLSD’s portable generators connected as backup.

The O&M Manager gave an update on Skywest water production and wet weather. At MDF, the trees around the facility were trimmed, with the main focus being the large trees behind MDF and next to the SBS Storage Building. The O&M Manager gave an update on the Transport System Repair Couplings & Seals for EBDA’s Force Main, which will be brought forth via resolution next month. The Committee and Commission recommend proceeding with dry rot repair and window replacement for the EBDA Office.

The GM discussed EBDA’s Pandemic Response Plan. A call will take place next week to share Member Agencies’ O&M response activities and explore opportunities for sharing resources. OLSD took part in analysis conducted by the University of Arizona, which showed coronavirus present in influent but not effluent. EBDA is tracking research on this topic but has not been contacted for sampling by any regulatory or public health agencies.

The installation of the X-band Radar for the AQPI project, previously scheduled for mid-March, has been delayed due to the current Shelter-in-Place mandate. The Cooperative Agreement, pending approval by Sonoma County Water Agency, is now slated for June and installation of the radar for late summer. The GM will continue to report on the progress of the project.

- **Resolution Authorizing the General Manager to Issue Amendment No. 1 to the Agreement with Maze & Associates for Independent Audit Services in the Amount of \$9,342 for a Total Not to Exceed Amount of \$50,572.**

Commissioner Walters moved to adopt the Resolution authorizing the GM to issue Amendment No. 1 to Maze & Associates. The motion was seconded by Commissioner Handley and carried unanimously, 5-0 by roll call vote.

Ayes: Commissioners Lamnin, Walters, Handley, Johnson, Chair Cutter.
Noes: None
Absent: None

Abstain: None

- **Resolution Authorizing the General Manager to Issue Amendment No. 1 to the Agreement with Kermani Consulting Group for Disaster Cost Recovery Planning Services in the Amount of \$2,169, for a Total Not to Exceed Amount of \$52,169**

Commissioner Lamnin moved to adopt the Resolution authorizing the GM to issue Amendment No. 1 to Kermani Consulting Group. The motion was seconded by Commissioner Walters and carried unanimously, 5-0 by roll call vote.

Ayes: Commissioners Lamnin, Walters, Handley, Johnson, Chair Cutter.

Noes: None

Absent: None

Abstain: None

- **Items from Commission and Staff** - Chair Cutter noted that she is coordinating with EBDA staff on response to proposed bills in the California legislature related to use of emergency generators during Public Safety Power Shutoff events. The Bay Area Air Quality Management District has taken an oppose position on several bills that the wastewater community supports, and Chair Cutter is working to educate relevant stakeholders on the needs of wastewater agencies for protection of public health. Commissioner Lamnin requested any agencies willing to get involved in the CalPERS stakeholder phone calls, held monthly, do so, to help facilitate statewide planning for the CalPERS system.



Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

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

Karen W. Murphy
Attorney

**MAY 11, 2020
BOARD OF DIRECTORS MEETING
AGENDA ITEM # 17**

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

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

Recommendation

Information only.

Previous Board Action

None.

Background

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

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Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
174435	5/7/2020	143	201180023	HAZEN AND SAWYER	MP - AERATION BASIN MODIFICATIONS	\$284,647.89	\$284,647.89
174424	5/7/2020	143	186552	CAROLLO ENGINEERS	PRIMARY DIGESTER NO. 7	\$73,687.23	\$170,754.15
	5/7/2020	143	186324		PROJECT SPECIFICATION UPDATE PROJECT	\$22,726.10	
	5/7/2020	143	186361		PRIMARY DIGESTER NO. 2 REHABILITATION	\$16,615.26	
	5/7/2020	143	186285		ALVARADO INFLUENT PS PUMPS AND VFDS	\$32,527.40	
	5/7/2020	143	186363		AERATION BLOWER 11 (HIGH SPEED)	\$25,198.16	
174451	5/7/2020	143	200196E	OVERAA	PRIMARY DIGESTER NO. 7 - ESCROW PYMT	\$101,937.50	\$101,937.50
174430	5/7/2020	120	314107	CITY OF FREMONT	SACGISA	\$83,600.00	\$83,600.00
174495	5/14/2020	170	904429870	EVOQUA WATER TECHNOLOGIES	DI WATER SYSTEM	\$275.62	\$48,472.29
	5/14/2020	110	904427893		4300 GALS HYDROGEN PEROXIDE	\$23,690.64	
	5/14/2020	110	904427924		4448 GALS HYDROGEN PEROXIDE	\$24,506.03	
174474	5/7/2020	143	175349	WOODARD & CURRAN INC	OLD ALAMEDA CREEK ROWB	\$1,677.75	\$45,848.53
	5/7/2020	143	175395		HEADWORKS SCREENS REPLACEMENT	\$10,844.75	
	5/7/2020	143	175348		OLD ALAMEDA CREEK ROWB	\$25,789.13	
	5/7/2020	143	175278		ALVARADO INFLUENT VALVE BOX REHABILITATION	\$7,536.90	
174463	5/7/2020	143	220086	TANNER PACIFIC INC	ALVARADO INFLUENT PS PUMPS AND VFDS	\$21,560.00	\$36,297.50
	5/7/2020	143	220087		PRIMARY DIGESTER NO. 2 REHABILITATION	\$14,737.50	

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174503	5/14/2020	170	1836	HYDRO INTERNATIONAL WASTEWATER	ASTD DEGRITTER PARTS FOR REBUILD	\$33,427.03	\$33,427.03
174493	5/14/2020	121	314299	DOWNTOWN FORD SALES	1 2020 FORD F-150 4X2 CREW CAB	\$33,021.83	\$33,021.83
174439	5/7/2020	110	9017670506	KEMIRA WATER SOLUTIONS INC	47,800 LBS FERROUS CHLORIDE	\$6,859.68	\$27,994.41
	5/7/2020	110	9017669692		49,580 LBS FERROUS CHLORIDE	\$7,205.85	
	5/7/2020	110	9017670084		48,060 LBS FERROUS CHLORIDE	\$6,959.89	
	5/7/2020	110	9017670461		47,860 LBS FERROUS CHLORIDE	\$6,968.99	
174517	5/14/2020	170	761520200427	PACIFIC GAS AND ELECTRIC	SERV TO 04/26/20 NEWARK PS	\$18,253.21	\$18,567.19
	5/14/2020	170	380420200501		SERV TO 04/30/20 CHERRY ST PS	\$271.30	
	5/14/2020	170	096020200501		SERV TO 04/30/2020 CATHODIC PROJECT	\$42.68	
174466	5/7/2020	110	48554134	UNIVAR SOLUTIONS USA INC	4999 GALS SODIUM HYPOCHLORITE	\$3,611.17	\$17,009.68
	5/7/2020	110	48554135		4700 GALS SODIUM HYPOCHLORITE	\$3,395.17	
	5/7/2020	110	48557370		4801.3 GALS SODIUM HYPOCHLORITE	\$3,468.35	
	5/7/2020	110	48560304		4497.2 GALS SODIUM HYPOCHLORITE	\$3,248.68	
	5/7/2020	110	48554136		4549.3 GALS SODIUM HYPOCHLORITE	\$3,286.31	
174509	5/14/2020	136	37832	LANCE, SOLL & LUNGHARD LLP	2020 GOVERNMENT AUDIT	\$12,000.00	\$12,000.00
174520	5/14/2020		32778	PREFERRED BENEFIT INSUR ADMINS	MAY 2020 VSP STMT	\$3,161.00	\$10,709.16
	5/14/2020		32795		MAY 2020 DELTA DENTAL STMT	\$7,548.16	

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174530	5/14/2020	110	48561722	UNIVAR SOLUTIONS USA INC	4897.8 GALS SODIUM HYPOCHLORITE	\$3,538.07	\$10,472.11
	5/14/2020	110	48564185		4798.7 GALS SODIUM HYPOCHLORITE	\$3,466.48	
	5/14/2020	110	48564186		4800.2 GALS SODIUM HYPOCHLORITE	\$3,467.56	
174489	5/14/2020	173	XPW1760	CDW GOVERNMENT LLC	BACKUP SOFTWARE RENEWAL	\$9,975.00	\$9,975.00
174533	5/14/2020	143	2040935	WEST YOST ASSOCIATES	GRAVITY SEWER REHAB/REPLACEMENT	\$9,960.33	\$9,960.33
174462	5/7/2020	120	5028035	STATEWIDE TRAFFIC SAFETY& SIGN	1 WANCO 25 LIGHT UPRIGHT	\$5,009.50	\$9,819.00
	5/7/2020	120	5028034		1 WANCO 25 LIGHT UPRIGHT	\$4,809.50	
174497	5/14/2020	150	16389	FONG & FONG PRINTERS & LITHO	PRINTING AND MAILING OF NOTICE OF PUBLIC HEARING	\$9,394.27	\$9,394.27
174455	5/7/2020		9844	PULTE HOME CORPORATION	REFUND # 23848	\$2,500.00	\$9,161.00
	5/7/2020		9137		REFUND # 23849	\$6,661.00	
174476	5/11/2020		37432220200501	LINCOLN NATIONAL LIFE INS COMP	LIFE & DISABILITY INSURANCE - MAY 2020	\$8,743.43	\$8,743.43
174505	5/14/2020	143	W8X99300007	JACOBS ENGINEERING GROUP, INC	PUMP STATIONS ODOR CONTROL STUDY	\$3,990.00	\$7,882.50
	5/14/2020	143	W8Y02800004		PLANT ODOR CONTROL PILOT STUDY	\$3,892.50	
174446	5/7/2020	120	1039334	MISSION COMMUNICATIONS LLC	4 ITEM M83	\$7,173.66	\$7,173.66
174527	5/14/2020	170	20393598	TELEDYNE ISCO INC	1 SAMPLER	\$7,149.24	\$7,149.24
174426	5/7/2020	143	24226	DRYCO CONSTRUCTION INC	PLANT PAVING	\$7,134.50	\$7,134.50
174514	5/14/2020		105098	MUNIQUP, LLC	ASTD PUMP PARTS	\$7,071.79	\$7,071.79
174420	5/7/2020		3570	CAL SANITATION RISK MNGT AUTH	CLAIM: LUMM FILE# 1999856	\$6,568.12	\$6,568.12
174507	5/14/2020	110	9017670952	KEMIRA WATER SOLUTIONS INC	45,260 LBS FERROUS CHLORIDE	\$6,540.84	\$6,540.84

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174464	5/7/2020	122	9334	THORNTON ENVIRONMENTAL CONST	FUEL ISLAND VAPOR TESTING	\$1,546.00	\$6,145.80
	5/7/2020	170	6536		FUEL ISLAND AND BLDG 69 REPAIRS	\$1,780.00	
	5/7/2020	170	6547		CALL OUT VEEDER ROOT PRINTER	\$361.80	
	5/7/2020	170	6549		REPAIR DIESEL TANK OVERFILL TUBE	\$2,458.00	
174477	5/14/2020	123	69165	3T EQUIPMENT COMPANY INC	2 MANHOLE DEBRIS CATCHERS	\$1,381.76	\$5,843.83
	5/14/2020		69161		9 PIPE PATCH KITS WINTER	\$4,462.07	
174453	5/7/2020	110	1447747	POLYDYNE INC	41,720 LBS CLARIFLOC WE-539	\$5,686.83	\$5,686.83
174478	5/14/2020	170	4017420220200506	ALAMEDA COUNTY WATER DISTRICT	SERV TO: 05/05/20 - FREMONT BLVD	\$56.61	\$5,366.53
	5/14/2020	170	4017274120200506		SERV TO: 05/04/20 - FREMONT BLVD	\$5,145.95	
	5/14/2020	170	4017275220200506		SERV TO: 05/04/20 - FREMONT BLVD	\$163.97	
174535	5/14/2020	143	175690	WOODARD & CURRAN INC	ALVARADO INFLUENT VALVE BOX REHABILITATION	\$5,294.75	\$5,294.75
174518	5/14/2020		9604	PINNACLE PIPELINE INSPECTION	REFUND # 23859	\$2,500.00	\$5,000.00
	5/14/2020		9071		REFUND # 23855	\$2,500.00	
174483	5/14/2020	122	18545	BAYSCAPE LANDSCAPE MANAGEMENT	LANDSCAPE MAINTENANCE SERVICES - APR 2020	\$3,120.00	\$4,620.00
	5/14/2020	122	18517		LANDSCAPE MAINTENANCE SERVICES - TREE REMOVAL	\$1,500.00	
174506	5/14/2020	170	831312	KAMAN INDUSTRIAL TECHNOLOGIES	1 ROOF EXHAUST FAN	\$4,442.57	\$4,442.57
174494	5/14/2020	140	734602976	EMPLOYMENT DEVELOPMENT DEPT	UI 1ST Q 2020 - D. LEMOS	\$4,050.00	\$4,050.00

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174481	5/14/2020		14643747	AT&T	SERV: 03/20/20 - 04/19/20	\$20.86	\$3,956.51
	5/14/2020		14643749		SERV: 03/20/20 - 04/19/20	\$3,720.32	
	5/14/2020		14643771		SERV: 03/20/20 - 04/19/20	\$215.33	
174454	5/7/2020	170	22122	PRIME MECHANICAL SERVICE INC	MONTHLY MAINTENANCE - MAR 20	\$1,008.74	\$3,436.74
	5/7/2020	170	22303		SERVICE CALL: HEAD WORKS SAMPLER REPAIR	\$2,428.00	
174475	5/7/2020		9701	Y2 DELI	REFUND # 23853	\$3,300.00	\$3,300.00
174469	5/7/2020		9852991384	VERIZON WIRELESS	WIRELESS SERV 03/21/20-04/20/20 & (6) IPADS	\$3,090.70	\$3,090.70
174432	5/7/2020		9490666402	GRAINGER INC	ASTD PARTS & MATERIALS	\$825.30	\$2,971.83
	5/7/2020	150	9488876351		50 FACESHIELD FRAME	\$746.85	
	5/7/2020	170	9489423716		ASTD PARTS & MATERIALS	\$16.98	
	5/7/2020		9490271302		12 FACESHIELD VISORS	\$77.71	
	5/7/2020	111	9492879375		18 AIR FILTERS	\$232.71	
	5/7/2020	170	9489343377		1 MOTOR	\$745.75	
	5/7/2020	150	9488638520		50 VISORS	\$323.77	
	5/7/2020	170	9494473516		2 COIN CELL BATTERIES	\$2.76	
174516	5/14/2020	121	614384	NOZZTEQ INC	40 LUMBERJACK 300 SERIES CUTTING CHAINS	\$2,865.00	\$2,865.00
174523	5/14/2020	110	20042136	S&S TRUCKING	GRIT HAULING 04/13/2020	\$817.10	\$2,718.21
	5/14/2020	110	20042050		GRIT HAULING 04/06 & 04/09/2020	\$1,901.11	
174458	5/7/2020	120	916004181216	REPUBLIC SERVICES #916	RECYCLE & ROLL OFF - MAY 2020	\$2,690.21	\$2,690.21

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174472	5/7/2020	170	2941	WELCOME BUILDING MAINTENANCE	SOLAR PANEL CLEANING	\$2,520.00	\$2,520.00
174519	5/14/2020		9608	PIPE AND PLANT SOLUTIONS INC	REFUND # 23860	\$2,500.00	\$2,500.00
174429	5/7/2020	170	244658	FRANK A OLSEN COMPANY	6 NPS CHECK VALVE PACKING GLANDS	\$2,400.75	\$2,400.75
174470	5/7/2020	113	8089766989	VWR INTERNATIONAL LLC	LAB SUPPLIES	\$433.71	\$2,394.43
	5/7/2020		8089805373		LAB SUPPLIES	\$653.50	
	5/7/2020	113	8089802075		LAB SUPPLIES	\$1,307.22	
174449	5/7/2020	170	118464	NEW IMAGE LANDSCAPING CO	LANDSCAPE MAINTENANCE - FMC - APR 2020	\$2,305.00	\$2,305.00
174431	5/7/2020	173	20200506	MICHAEL GILL	EXP REIMB: TWO FACTOR AUTHENTICATION FOB	\$210.00	\$1,788.53
	5/7/2020	173	20200429		EXP REMIB: SSL CERTIFICATES FOR GODADDY	\$739.98	
	5/7/2020	173	20200427		EXP REIMB: ASTD COMPUTER EQUIPMENT	\$838.55	
174422	5/7/2020	113	609722	CALTEST ANALYTICAL LABORATORY	8 LAB SAMPLE ANALYSIS	\$1,780.10	\$1,780.10
174504	5/14/2020	173	4212002	INDUSTRIAL VIDEO & CONTROL	SOFTWARE ANNUAL SUPPORT RENEWAL	\$1,595.00	\$1,595.00
174418	5/7/2020	110	14949840	BLAISDELL'S	4 OFFICE CHAIRS	\$1,060.89	\$1,504.75
	5/7/2020	144	15060580		ASTD OFFICE SUPPLIES	\$131.51	
	5/7/2020	120	15061720		ASTD OFFICE SUPPLIES	\$312.35	
174456	5/7/2020	170	274376	QED ENVIRONMENTAL SYSTEMS INC	COGEN GEM 5000 GAS ANALYZER CALIBRATION	\$1,646.25	\$1,500.00
	5/7/2020	170	12995		COGEN GEM 5000 GAS ANALYZER CALIBRATION	\$-146.25	
174484	5/14/2020	170	103682	BRUCE BARTON PUMP SERVICE INC	1 SUMP PUMP	\$1,343.91	\$1,343.91

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174480	5/14/2020	170	717358	A-PRO PEST CONTROL INC	PEST CONTROL - BLDG 66 RODENTS	\$200.00	\$1,330.00
	5/14/2020	170	716853		APR PEST CONTROL	\$1,005.00	
	5/14/2020	170	716854		PEST CONTROL - RODENTS	\$125.00	
174513	5/14/2020	170	2042700	MOBILE MODULAR MANAGEMENT CORP	FMC TRAILER RENTAL - MAR 2020	\$1,245.43	\$1,245.43
174525	5/14/2020	170	55558	SWAGELOK NORTHERN CA	ASTD PARTS & MATERIALS	\$1,232.00	\$1,232.00
174465	5/7/2020	122	136455	TRI-SIGNAL INTEGRATION INC	FIRE PROTECTION SERVICE - MONTHLY CHARGE MONITORING AGREE	\$1,130.40	\$1,130.40
174498	5/14/2020		9499894229	GRAINGER INC	3 FACESHIELD FRAME	\$44.81	\$1,095.98
	5/14/2020		9499894237		3 FACESHIELD FRAME	\$44.81	
	5/14/2020		9500340238		2 FACESHIELD FRAME	\$29.87	
	5/14/2020		9499806827		ASTD PARTS & MATERIALS	\$376.75	
	5/14/2020		9500548053		4 PACKS DISPOSABLE GLOVES	\$64.58	
	5/14/2020		9499602887		3 FACESHIELD FRAME	\$44.81	
	5/14/2020		9496774739		ASTD PARTS & MATERIALS	\$334.17	
	5/14/2020	170	9496916223		ASTD PARTS & MATERIALS	\$44.80	
	5/14/2020		9500548046		ASTD PARTS & MATERIALS	\$96.44	
	5/14/2020		9499602895		1 FACESHIELD FRAME	\$14.94	
174419	5/7/2020	143	11369401	BROWN & CALDWELL CONSULTANTS	EMERGENCY OUTFALL OUTLET IMPROVEMENTS	\$1,092.32	\$1,092.32

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174524	5/14/2020		730639781011	STAPLES CONTRACT & COMMERCIAL	JANITORIAL & BREAKROOM SUPPLIES	\$206.81	\$981.10
	5/14/2020		730627059102		JANITORIAL & BREAKROOM SUPPLIES	\$206.11	
	5/14/2020		730700366501		JANITORIAL & BREAKROOM SUPPLIES	\$66.98	
	5/14/2020		730683051401		JANITORIAL & BREAKROOM SUPPLIES	\$283.65	
	5/14/2020		730639781003		JANITORIAL & BREAKROOM SUPPLIES	\$190.80	
	5/14/2020		730639781002		JANITORIAL & BREAKROOM SUPPLIES	\$26.75	
174448	5/7/2020	170	212674	NAYLOR STEEL INC	ASTD METAL, STEEL, STAINLESS & ALUMINUM	\$90.39	\$968.82
	5/7/2020	122	212732		ASTD METAL, STEEL, STAINLESS & ALUMINUM	\$804.07	
	5/7/2020	170	212712		ASTD METAL, STEEL, STAINLESS & ALUMINUM	\$74.36	
174482	5/14/2020	136	2522282831	BANK OF NEW YORK	MAR 2020 SERVICE FEES	\$946.05	\$946.05
174416	5/7/2020		14611811	AT&T	SERV: 03/13/20 - 04/12/20	\$747.80	\$943.85
	5/7/2020		14611814		SERV: 03/13/20 - 04/12/20	\$65.87	
	5/7/2020		14611813		SERV: 03/13/20 - 04/12/20	\$42.82	
	5/7/2020		14611815		SERV: 03/13/20 - 04/12/20	\$87.36	
174488	5/14/2020	113	609832	CALTEST ANALYTICAL LABORATORY	13 LAB SAMPLE ANALYSIS	\$899.75	\$899.75
174428	5/7/2020	113	7377274	FISHER SCIENTIFIC	LAB SUPPLIES	\$744.85	\$896.62
	5/7/2020	113	7195431		LAB SUPPLIES	\$151.77	
174415	5/7/2020		9564304502	AT&T	SERV: 03/11/20 - 04/10/20	\$882.85	\$882.85
174492	5/14/2020	173	475086	DLT SOLUTIONS, LLC	AWS CLOUD STORAGE - MAR 2020	\$869.77	\$869.77

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174534	5/14/2020	170	2611	WESTERN PACIFIC CRANE & EQUIP	CRANE TRUCK REPAIR T3262	\$842.72	\$842.72
174510	5/14/2020	173	20378	LOOKINGPOINT INC	WAN ROUTERS ADDL HOURS	\$825.00	\$825.00
174526	5/14/2020	173	395689	TABLETMEDIA INC	ANNUAL TABLET MEDIA SUPPORT	\$810.00	\$810.00
174521	5/14/2020	170	22199	PRIME MECHANICAL SERVICE INC	SERVICE CALL: BLDG 90	\$785.00	\$785.00
174502	5/14/2020	170	768520200427	HOME DEPOT CREDIT SERVICES	MONTHLY HARDWARE STMT - APR 2020	\$773.02	\$773.02
174487	5/14/2020		20200513	STATE OF CALIFORNIA	SALES & USE TAX 04/01/20 - 04/30/20	\$770.81	\$770.81
174522	5/14/2020	170	186249	ROCHESTER MIDLAND CORPORATION	HOT WATER LOOP SERVICE	\$690.75	\$690.75
174512	5/14/2020	170	39324221	MCMASTER SUPPLY INC	ASTD PARTS & MATERIALS	\$108.61	\$681.74
	5/14/2020	170	38503387		ASTD PARTS & MATERIALS	\$315.73	
	5/14/2020	170	38353086		ASTD PARTS & MATERIALS	\$71.31	
	5/14/2020	171	38873690		1 HOLE SAW KIT	\$186.09	
174457	5/7/2020	170	21620	R & S ERECTION OF S ALAMEDA	SERVICE: GATE NOT CLOSING	\$320.30	\$677.30
	5/7/2020	122	21642		SERVICE: PED GATE	\$357.00	
174508	5/14/2020	170	4183	KEN GRADY CO INC	1 SENSOR	\$677.19	\$677.19
174447	5/7/2020	170	105086	MUNIQUIP, LLC	ASTD PUMP PARTS	\$299.89	\$656.62
	5/7/2020	170	105089		ASTD PUMP PARTS	\$356.73	
174452	5/7/2020	110	224720200429	PACIFIC GAS AND ELECTRIC	SERV TO 04/22/20 CS TRAINING TRAILER	\$649.47	\$649.47
174423	5/7/2020	170	21750560	CARBOLINE COMPANY	PAINT & RELATED PAINT SUPPLIES	\$635.77	\$635.77
174445	5/7/2020	170	200451	METROMOBILE COMMUNICATIONS INC	RADIO SERVICE - APR 2020	\$599.08	\$599.08

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174450	5/7/2020	122	15326488	OFFICE RELIEF INC	SIT/STAND FRAME	\$579.79	\$579.79
174444	5/7/2020		38889552	MCMASTER SUPPLY INC	ASTD PARTS & MATERIALS	\$363.37	\$547.60
	5/7/2020		38680184		ASTD PARTS & MATERIALS	\$20.64	
	5/7/2020	170	38240343		1 LED LIGHT BULB	\$60.86	
	5/7/2020	122	38949983		ASTD PARTS & MATERIALS	\$32.52	
	5/7/2020	170	38665917		2 V-BELTS	\$38.73	
	5/7/2020	122	38896549		ASTD PARTS & MATERIALS	\$31.48	
174436	5/7/2020		603842568	HILLYARD/SAN FRANCISCO	ASST JANITORIAL SUPPLIES	\$526.21	\$526.21
174499	5/14/2020	123	2117582	HANSON AGGREGATES INC	6.03 TONS 1/2 MAX HMA TYPE A-R	\$504.74	\$504.74
174441	5/7/2020		10648	SUZANNE MAIKRANZ	REFUND # 23819	\$500.00	\$500.00
174440	5/7/2020	173	20331	LOOKINGPOINT INC	WAN ROUTERS ADDL HOURS	\$495.00	\$495.00
174491	5/14/2020	170	954670	CUMMINS INC	ASTD PARTS & MATERIALS	\$223.54	\$447.08
	5/14/2020	170	954343		ASTD PARTS & MATERIALS	\$223.54	
174433	5/7/2020		306597	HARRINGTON INDUSTRIAL PLASTICS	ASTD PVC PARTS & MATERIALS	\$436.38	\$436.38
174490	5/14/2020	150	83082	CITYLEAF INC	PLANT MAINTENANCE - APR 2020	\$431.86	\$431.86
174414	5/7/2020		1102345284	AMERIPRIDE SERVICES INC	UNIFORM LAUNDERING SERVICE	\$367.04	\$414.62
	5/7/2020	122	1102345295		ASTD DUST MOPS, WET MOPS & TERRY TOWEL	\$47.58	
174443	5/7/2020	113	2004551	MCCAMPBELL ANALYTICAL	LAB SAMPLE ANALYSIS	\$202.00	\$404.00
	5/7/2020	113	2004239		LAB SAMPLE ANALYSIS	\$202.00	

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Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
174500	5/14/2020		306891	HARRINGTON INDUSTRIAL PLASTICS	ASTD PVC PARTS & MATERIALS	\$386.97	\$386.97
174515	5/14/2020	121	201246	NATEC INTERNATIONAL INC.	FALL PROTECTION TRAINING - C. YBARRA MARTINEZ	\$370.00	\$370.00
174479	5/14/2020		1102348018	AMERIPRIDE SERVICES INC	UNIFORM LAUNDERING SERVICE	\$366.29	\$366.29
174427	5/7/2020	170	904410570	EVOQUA WATER TECHNOLOGIES	DI WATER SYSTEM	\$360.00	\$360.00
174468	5/7/2020		47264	VALLEY OIL COMPANY	7 TUBES GREASE	\$307.86	\$307.86
174473	5/7/2020	170	17236	WESTERN MACHINE & FAB INC	2 MFG END CAP	\$290.00	\$290.00
174528	5/14/2020		25541	THE CONSTRUCTION ZONE LLC	3 TRAFFIX SIGN STANDS	\$282.99	\$282.99
174471	5/7/2020	110	20200506	WEF-WATER ENVIRONMENT FED	WEF MEMBERSHIP A LOPEZ	\$267.00	\$267.00
174442	5/7/2020		4834545	MALLORY SAFETY AND SUPPLY LLC	6 DOZ GLV NITRILE	\$259.67	\$259.67
174437	5/7/2020	173	6037285	INTRADO LIFE & SAFETY INC	E911 CLOUD SERVICE	\$250.00	\$250.00
174417	5/7/2020		11680	BAY AREA BARRICADE SERVICE INC	4 MARKING PAINT	\$241.73	\$241.73
174485	5/14/2020	170	319361000	BUCKLES SMITH ELECTRIC	ASTD PARTS & MATERIALS	\$217.28	\$217.28
174511	5/14/2020	113	2004820	MCCAMPBELL ANALYTICAL	LAB SAMPLE ANALYSIS	\$202.00	\$202.00
174529	5/14/2020	141	422122	ULTRAEX LLC	COURIER SVCS: 1 BOARDMEMBER DELIVERY - 04/08/20	\$54.28	\$198.13
	5/14/2020	141	421884		COURIER SVCS: 1 BOARDMEMBER DELIVERY - 03/18/20	\$47.95	
	5/14/2020	141	421658		COURIER SVCS: 1 BOARDMEMBER DELIVERY - 03/04/20	\$47.95	
	5/14/2020	141	421410		COURIER SVCS: 1 BOARDMEMBER DELIVERY - 02/19/20	\$47.95	
174460	5/7/2020		7843450101	RS HUGHES CO INC	20 BX GLOVES	\$175.82	\$175.82
174501	5/14/2020		603855885	HILLYARD/SAN FRANCISCO	ASST JANITORIAL SUPPLIES	\$157.64	\$157.64

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Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
174425	5/7/2020	173	XNZ0342	CDW GOVERNMENT LLC	5 ADDITIONAL MICROSOFT AUDIO CONFERENCING LICENSES	\$148.35	\$148.35
174486	5/14/2020	123	20200507	STUART BULLIS	TREVEL EXP: CWEA CONF AIRFARE	\$132.96	\$132.96
174532	5/14/2020	113	8089855639	VWR INTERNATIONAL LLC	LAB SUPPLIES	\$15.55	\$125.03
	5/14/2020	113	8089850290		LAB SUPPLIES	\$109.48	
174461	5/7/2020	170	85340220200421	SAN FRANCISCO WATER DEPT	SERVICE 03/21/2020 - 04/21/20	\$100.83	\$100.83
174496	5/14/2020	121	1540865	FERGUSON ENTERPRISES, INC.	ASTD PARTS & MATERIALS	\$89.89	\$89.89
174413	5/7/2020	170	4088644120200422	ALAMEDA COUNTY WATER DISTRICT	SERV TO: 04/20/20 - BOYCE ROAD	\$83.94	\$83.94
174434	5/7/2020		33941	HAYWARD PIPE AND SUPPLY	ASTD PARTS & MATERIALS	\$71.76	\$71.76
174421	5/7/2020	132	445399	STATE OF CALIFORNIA	2 NEW HIRE FINGERPRINTS	\$64.00	\$64.00
174459	5/7/2020	136	20200506	JAMIE ROJO	EXP REIMB: APA EAST BAY CHAPTER MEMBERSHIP DUES	\$55.00	\$55.00
174438	5/7/2020	170	62600000194678	KELLY-MOORE PAINT COMPANY	ASTD PAINTING SUPPLIES	\$35.59	\$35.59
174467	5/7/2020	136	98XW53150	UPS - UNITED PARCEL SERVICE	SHIPPING CHARGES W/E 04/11/20	\$21.21	\$21.21
174531	5/14/2020	136	98XW53160	UPS - UNITED PARCEL SERVICE	SHIPPING CHARGES W/E 04/18/20	\$12.56	\$12.56

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Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
Invoices:					Checks:		
Credit Memos :			1	-146.25			
\$0 - \$1,000 :			125	37,962.74	\$0 - \$1,000 :	61	28,025.06
\$1,000 - \$10,000 :			69	273,009.97	\$1,000 - \$10,000 :	47	206,811.79
\$10,000 - \$100,000 :			16	472,184.27	\$10,000 - \$100,000 :	12	377,419.73
Over \$100,000 :			2	386,585.39	Over \$100,000 :	3	557,339.54
Total:			213	1,169,596.12	Total:	123	1,169,596.12