



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

**Monday, June 22, 2020
Regular Meeting - 4:00 P.M.**

**Union Sanitary District
Administration Building
5072 Benson Road
Union City, CA 94587**

Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

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

Karen W. Murphy
Attorney

CORONAVIRUS (COVID-19) ADVISORY NOTICE

Consistent with Executive Orders No. N-25-20 and No. N-29-20 from the Executive Department of the State of California, the Alameda County March 31, 2020 Updated Shelter in Place Order, and Executive Order No. N-33-20, Stay-at-Home Order, the Monday, June 22, 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: 875 1615 3690 #

Participant ID: #

Click the Zoom link below to watch and listen:
<https://us02web.zoom.us/j/87516153690>

	1.	Call to Order.
	2.	Salute to the Flag. (This item has been suspended due to the COVID-19 pandemic.)
	3.	Roll Call.
Motion	4.	Approve Minutes of the Union Sanitary District Board Meeting of June 8, 2020.
Information	5.	May 2020 Monthly Operations Report <i>(to be reviewed by the Budget & Finance and Legal/Community Affairs Committees)</i> .
	6.	Written Communications.
	7.	Public Comment. Public Comment is limited to three minutes per individual, with a maximum of 30 minutes per subject. If the comment relates to an agenda item, the speaker should address the Board at the time the item is considered. Speaker cards will be available in the Boardroom and are requested to be completed prior to the start of the meeting.
Public Hearing	8.	Public Hearing to Consider Collection of Sewer Service Charges on the Tax Rolls for Fiscal Year 2021 and Adoption of a Resolution to Collect Sewer Service Charges on the Tax Rolls <i>(to be reviewed by the Budget & Finance Committee)</i> .
Motion	9.	Consider Approving Proposed Operating and CIP Budget for Fiscal Year 2021 <i>(to be reviewed by the Budget & Finance Committee)</i> .
Motion	10.	Consider a Resolution to Accept a Sanitary Sewer Easement for Tract 8157 – Lighthouse, Located at Willow Street and Seawind Way, in the City of Newark <i>(to be reviewed by the Legal/Community Affairs Committee)</i> .
Information	11.	Report on the East Bay Dischargers Authority Meeting of May 21, 2020.
Information	12.	COVID-19 Update.
Information	13.	Check Register.
Information	14.	Committee Meeting Reports. <i>(No Board action is taken at Committee meetings)</i> : <ul style="list-style-type: none"> a. Legal/Community Affairs Committee – Thursday, June 18, 2020, at 1:00 p.m. <ul style="list-style-type: none"> • Director Toy and Director Fernandez b. Budget & Finance Committee – Friday, June 19, 2020, at 10:00 a.m. <ul style="list-style-type: none"> • Director Kite and Director Toy c. Engineering and Information Technology Committee – will not meet. d. Personnel Committee – will not meet. e. Legislative Committee – will not meet. f. Audit Committee – will not meet.
Information	15.	General Manager’s Report. <i>(Information on recent issues of interest to the Board)</i> .

16. 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.
-

17. Adjournment – The Board will adjourn to a Board Workshop to be held virtually on Tuesday, June 23, 2020, at 4:00 p.m.

18. Adjournment – The Board will then adjourn to the next Regular Board Meeting to be held virtually on Monday, July 13, 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, June 18, 2020

1:00 P.M.

Alvarado Conference Room

5072 Benson Road

Union City, CA 94587

Officers

Paul R. Eldredge
*General Manager/
District Engineer*

Karen W. Murphy
Attorney

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

To maximize public safety while still maintaining public access, members of the public can observe the meeting by calling 510-477-6190 to listen to the committee meeting, and may provide public comment by sending comments to the Board Clerk by email at assistanttogm@unionsanitary.ca.gov or via voicemail by calling 510-477-7599 up to one hour before the scheduled meeting start time.

1. Call to Order
2. Roll Call
3. Public Comment
Public Comment is limited to three minutes per individual, with a maximum of 30 minutes per subject. If the comment relates to an agenda item, the speaker should address the Board at the time the item is considered. Speaker cards will be available and are requested to be completed prior to the start of the meeting.
4. Items to be reviewed for the Regular Board meeting of June 22, 2020:
 - May 2020 Monthly Operations Report – Odor and Work Group Reports
 - Consider a Resolution to Accept a Sanitary Sewer Easement for Tract 8157 – Lighthouse, Located at Willow Street and Seawind Way, in the City of Newark
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, June 19, 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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1. Call to Order

2. Roll Call

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

4. Items to be reviewed for the Regular Board meeting of June 22, 2020:
 - May 2020 Monthly Operations Report – Financial Reports
 - Public Hearing to Consider Collection of Sewer Service Charges on the Tax Rolls for Fiscal Year 2021 and Adoption of a Resolution to Collect Sewer Service Charges on the Tax Rolls
 - Consider Approving Proposed Operating and CIP Budget for Fiscal Year 2021

5. Adjournment

Items reviewed at committee meetings will be included in the agenda packet for the upcoming Board meeting. No action will be taken at committee meetings.
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The facilities at the District Offices are wheelchair accessible. Any attendee requiring special accommodations at the meeting should contact the General Manager's office at (510) 477-7503 at least 24 hours in advance of the meeting.

**MINUTES OF THE MEETING OF THE
BOARD OF DIRECTORS OF
UNION SANITARY DISTRICT/UNION SANITARY DISTRICT FINANCING
AUTHORITY
June 8, 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, June 8, 2020, Regular Board Meeting was not physically open to the public and all Board Members teleconferenced into the meeting. To maximize public safety while still maintaining transparency and public access, members of the public were able to listen to the Board Meeting, and provide public comment by sending comments to the Board Clerk.

CALL TO ORDER

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

SALUTE TO THE FLAG

ROLL CALL

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

STAFF: Paul Eldredge, General Manager/District Engineer
Karen Murphy, District Counsel
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
Karoline Terrazas, Organizational Performance Manager
Michelle Powell, Communications and Intergovernmental Relations Coordinator
Regina McEvoy, Executive Assistant to the General Manager/Board Clerk

GUESTS: Monique Spyke, PFM Asset Management LLC, Managing Director

**APPROVE MINUTES OF THE UNION SANITARY DISTRICT BOARD MEETING OF
MAY 26, 2020**

It was moved by Vice President Kite, seconded by Director Toy, to Approve the Minutes of the Board Meeting of May 26, 2020. Motion carried with the following vote:

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

THIRD QUARTER FISCAL YEAR 2020 DISTRICT-WIDE BALANCED SCORECARD MEASURES

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

FISCAL YEAR 2020 THIRD QUARTER MANAGED INVESTMENT PORTFOLIO REPORT

General Manager Eldredge and Business Services Coach Brenner introduced PFM Asset Management Managing Director Spyke who summarized the Investment Portfolio Report included in the Board meeting packet.

WRITTEN COMMUNICATIONS

There were no written communications.

PUBLIC COMMENT

There was no public comment.

ADOPT A RESOLUTION CLARIFYING THE DEFERRAL OF THE COLLECTION OF RATE INCREASES ADOPTED PURSUANT TO ARTICLE XIIID, SECTION 6 OF THE CALIFORNIA CONSTITUTION ON MAY 11, 2020, UNTIL FY 2022 FOR SINGLE FAMILY RESIDENTIAL AND MULTI FAMILY RESIDENTIAL CUSTOMERS

General Counsel Murphy stated the Board adopted Ordinance No. 31.40 establishing sewer service charges for Fiscal Years 2021 – 2025 at its regular meeting held May 11, 2020. The Board adopted Resolution No. 2892 deferring collection of Fiscal Year 2021 rate increases for single family and multi-family residences until Fiscal Year 2022. The description of the applicable fiscal year in the resolution was unclear which led staff to prepare a clarifying resolution to confirm that residential fee increases for Fiscal Year 2021 will be deferred until Fiscal Year 2022. Staff recommended the Board adopt a resolution clarifying deferral of the collection of Fiscal Year 2021 increases to sewer service charges to single family and multi-family residences until Fiscal Year 2022.

It was moved by Secretary Lathi, seconded by Vice President Kite, to Adopt Resolution No. 2895 Clarifying the Deferral of the Collection of Rate Increases Adopted Pursuant to Article XIIID, Section 6 of the California Constitution on May 11, 2020, Until Fiscal Year 2022 for Single Family Residential and Multi-Family Residential Customers. Motion carried with the following vote:

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

RECEIVE POTENTIAL CONTENT TOPICS FOR THE DISTRICT'S AUTUMN 2020 NEWSLETTER

This item was reviewed by the Legal/Community Affairs Committee. General Manager Eldredge and Communications and Intergovernmental Relations Coordinator Powell reviewed the list of potential content topics included in the Board meeting packet. The Legal/Community Affairs Committee recommended the Board include the following topics in the District's Autumn 2020 Newsletter:

- ETSU Program Update
- USD's Spill Record
- USD Operations During COVID (working 24/7, no shutdowns, etc.)
- Environmental Tips: Brief Pollution Prevention Messages (FOG, Wipes, etc.)
- What it takes to treat wastewater everyday (if space allows)

The Board directed staff to include the topics recommended by the Legal/Community Affairs Committee, as well as Wastewater Epidemiology, in the District's Autumn 2020 Newsletter as space allows.

INFORMATION ITEMS:

Status of Priority 1 Capital Improvement Program Projects

This item was reviewed by the Engineering and Information Technology Committee. Technical Services Manager Ghossain stated last June, the Board approved the Capital Improvement Program (CIP) budget for Fiscal Year 2020 in the amount of \$19.73 million for design and construction of 24 CIP projects. The projects were ranked Priority 1, 2, or 3 based upon criteria prepared by staff and approved by the Executive Team. For Fiscal Year 2020, 11 projects were ranked as Priority 1. The status of Priority 1 CIP projects is reviewed by the Executive Team at the end of each quarter and a copy of the status report was included in the Board meeting packet.

Third Quarterly Report on the Capital Improvement Program for Fiscal Year 2020

This item was reviewed by the Engineering and Information Technology Committee. Technical Services Manager Ghossain stated third quarter expenditures for Fiscal Year 2020 were presented in graphs included in the Board meeting packet. The graphs depicted actual expenditures versus approved budget for Capacity Fund 900, the Renewal and Replacement Fund 800, and for both funds combined. Total CIP expenditures up to March 31, 2020, were under projections for the third quarter by approximately \$5,561,000. Projects that had significant variances from projected expenditures were presented in a table included in the Board meeting packet.

Report on the East Bay Dischargers Authority Meeting of May 21, 2020

President Handley provided an overview of the EBDA meeting minutes included in the Board meeting packet.

COVID-19 Update

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

Check Register

There were no questions regarding the Check Register.

COMMITTEE MEETING REPORTS:

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

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 5:08 p.m. to the next Regular Meeting at 4:00 p.m. in the Alvarado Conference Room on Monday, June 22, 2020.

SUBMITTED:

ATTEST:

REGINA McEVOY
BOARD CLERK

ANJALI LATHI
SECRETARY

APPROVED:

TOM HANDLEY
PRESIDENT

Adopted this 22nd day of June 2020



Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

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

Karen W. Murphy
Attorney

**JUNE 22, 2020
BOARD OF DIRECTORS MEETING
AGENDA ITEM # 5**

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

SAFETY:

- The District continues to follow COVID-19 guidance issued by the CDC, State, and County Health as it becomes available and sharing information with employees.
- The District received cloth masks from California Water-Wastewater Agency Response Network (CalWARN) and distributed to employees.
- USD has been utilizing different vendors to keep up with PPE supplies.
- District staff installed arm pull hands-free door openers for restrooms to improve sanitization.

STAFFING & PERSONNEL:**Completed Recruitments:**

- Chief Financial Officer – (replacement for Pamela Arends-King – resignation effective 6/9/17) Mark Carlson DOH 6/22/2020

Continuing Recruitments:

- 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 May, the General Manager was involved in the following:

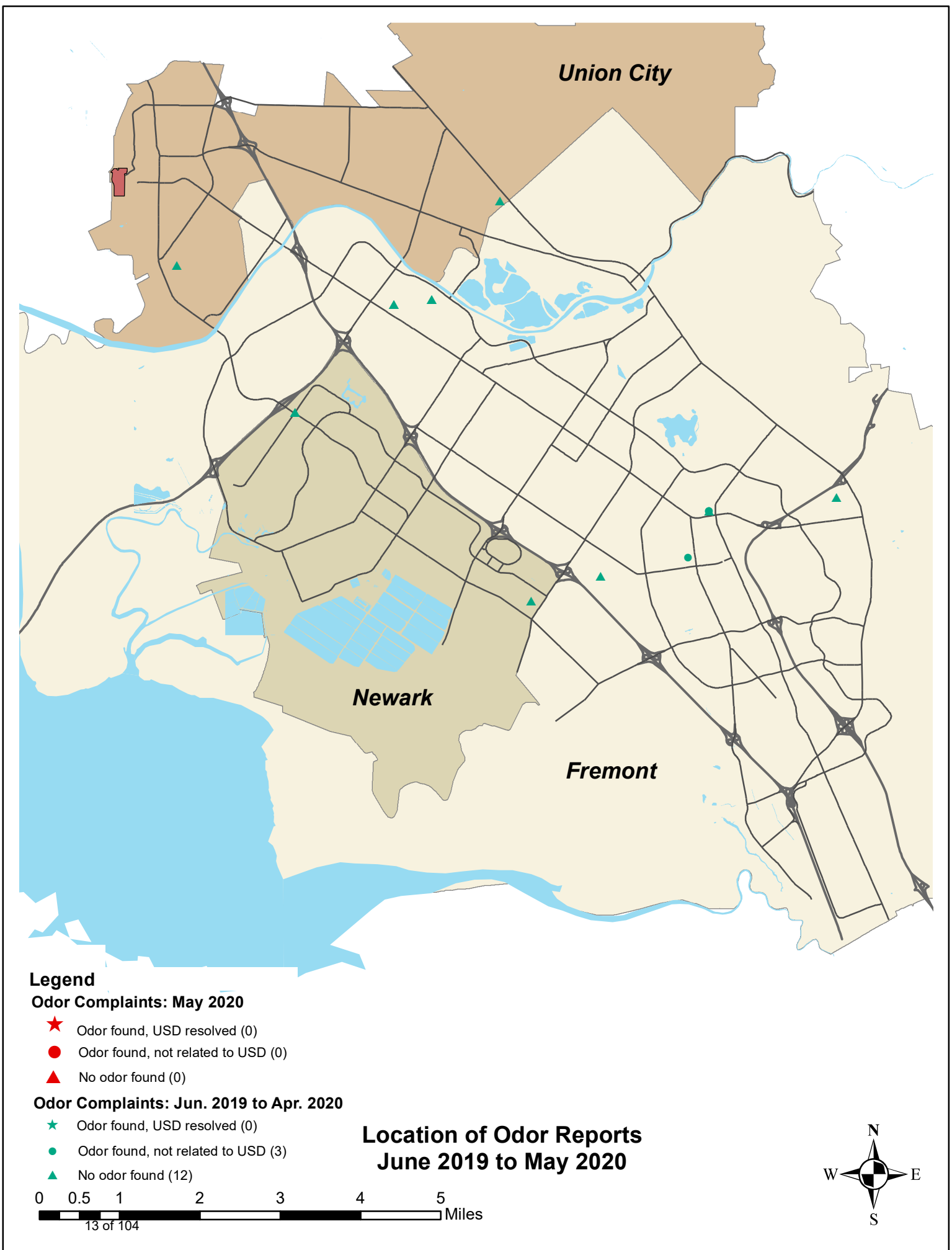
- Conducted the Virtual Board Budget Workshop
- Attended the East Bay Dischargers Authority (EBDA) JPA Commission Meeting
- Attended the EBDA Manager's Advisory Committee Meeting
- Coordinated District response to COVID-19 Pandemic

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 May 2020

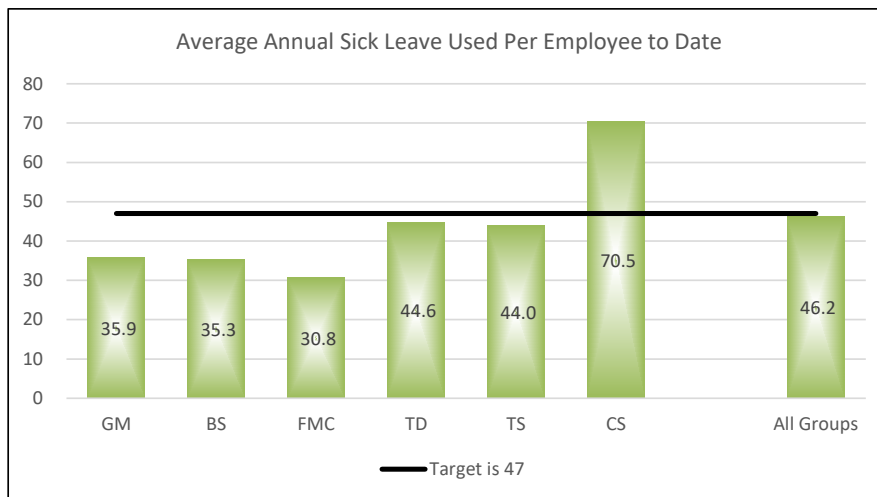
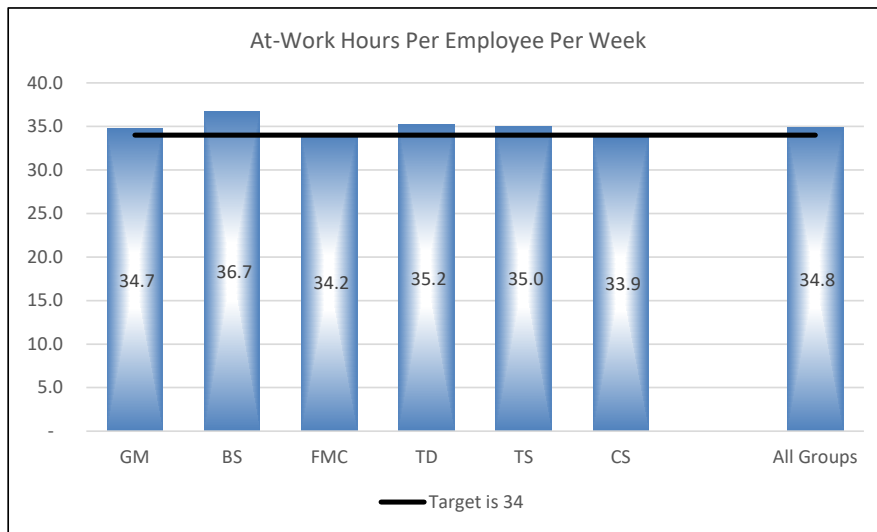
During the recording period from May 01, 2020 through May 31, 2020, there were no odor related service requests received by the District.



HOURS WORKED AND LEAVE TIME BY WORK GROUP

June 27, 2019 through May 27, 2020

Weeks to Date: 48 out of 52 (92.31%)



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 May 27, 2020

Weeks to Date: 48 out of 52 (92.31%)

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	3,297.25	26.58	34.7	446.25	24.80	-	71.70	-	35.9	2	34.8	38.5
BS	17	29,424.93	430.42	36.7	3,214.54	-	-	600.53	-	35.3	16	35.5	41.1
FMC	28	45,466.80	396.74	34.2	6,386.72	247.39	8.00	855.09	6.00	30.8	28	34.5	39.3
TD	27	45,053.33	390.25	35.2	5,240.31	117.97	-	1,005.24	199.15	44.6	26	35.4	35.2
TS	33	54,993.96	324.33	35.0	6,043.10	196.26	-	1,323.46	129.33	44.0	32	34.6	46.2
CS	31	48,196.35	2,144.27	33.9	6,572.25	554.08	1,394.00	1,905.35	278.78	70.5	30	36.1	59.3
All Groups	138	226,432.62	3,712.59	34.8	27,903.17	1,140.50	1,402.00	5,761.37	613.26	46.2	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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(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 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 5/31/2020

92% of year elapsed

Revenues

	Budget	Actual	% of Budget Rec'd	Audited Last Year Actuals 6/30/19
Capacity Fees	\$ 13,567,000	\$ 10,387,487	77%	\$ 16,158,027
Sewer Service Charges	60,099,000	57,259,729	95%	57,330,651
Operating (Work Groups)	1,283,500	1,073,471	84%	1,321,729
Interest	1,350,000	2,919,695	216%	2,657,357
Misc. (LAVWMA, Forfeited Deposits)	512,000	24,133	5%	866,298
Subtotal Revenues	\$ 76,811,500	71,664,516	93%	\$ 78,334,062
Bond Proceeds	-	73,609,860	0.0%	-
Total Revenues + Bond Proceeds	\$ 76,811,500	\$ 145,274,375	189%	\$ 78,334,062

Expenses

	Budget	Actual	% of Budget Used	Last Year Actuals
Capital Improvement Program:				
Capacity Proj.	\$ 7,600,500	\$ 3,474,702	46%	\$ 1,973,416
Renewal & Repl. Proj.	11,782,000	2,594,362	22%	4,620,499
Operating (includes fund 85)	42,555,365	36,734,336	86%	40,313,960
Special Projects	4,354,600	911,778	21%	913,255
Retiree Medical (ADC)	1,375,000	1,037,958	75%	369,961
Vehicle & Equipment	153,050	39,737	26%	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	\$ 85,277,023	117%	\$ 53,900,272
Total Revenue & Proceeds less Expenses	\$ 3,872,205	\$ 59,997,352		24,433,790

Operating (Work Group) Expenses

	Budget	Actual	% of Budget Used	Audited Last Year Actuals
Board of Directors	\$ 179,176	\$ 123,054	69%	\$ 145,194
General Manager/Admin.	1,066,367	799,329	75%	875,354
Business Services	4,342,141	3,292,965	76%	3,667,607
Collection Services	7,316,485	6,365,392	87%	7,350,328
Technical Services	6,639,720	5,928,876	89%	6,886,241
Treatment & Disposal Services	13,263,507	11,707,731	88%	11,901,128
Fabrication, Maint. & Construction	8,837,463	7,841,999	89%	8,898,853
Non-Departmental	910,506	674,990	74%	589,255
Total	\$ 42,555,365	\$ 36,734,336	86%	\$ 40,313,960

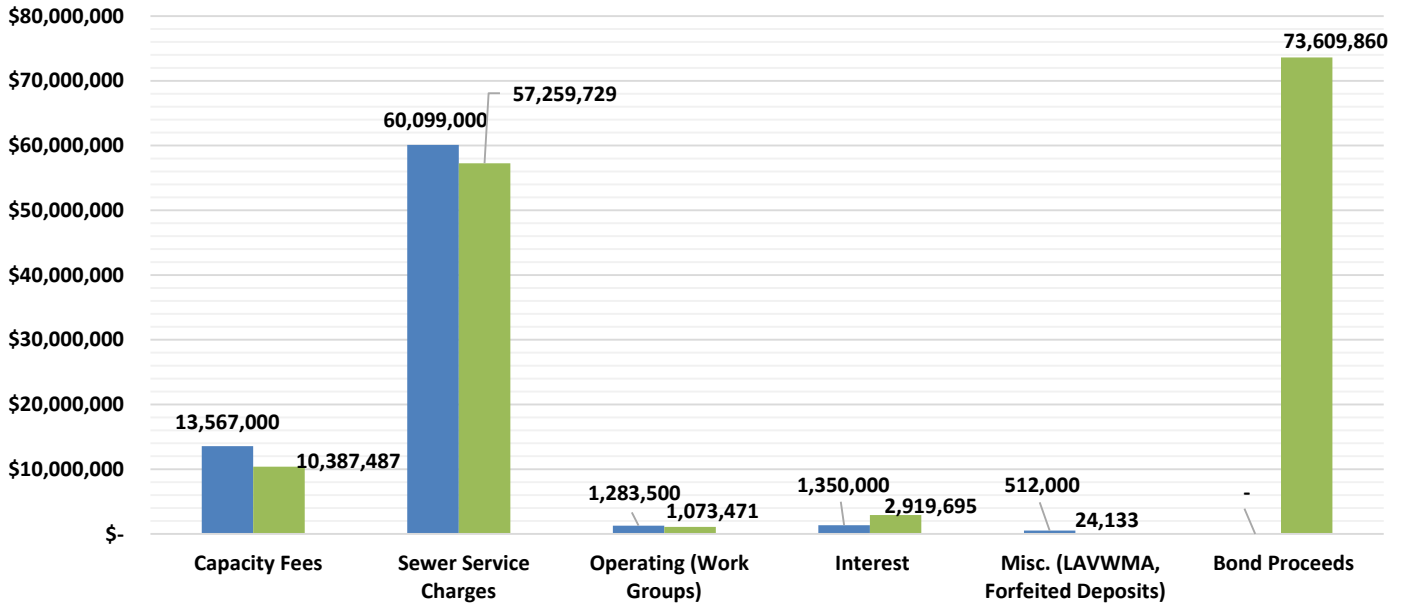
Operating (Work Group) Expenses by Type

	Budget	Actual	% of Budget Used	Last Year Actuals
Personnel (incl D&E)	\$ 29,145,057	\$ 25,285,722	87%	\$ 28,941,712
Repairs & Maintenance	2,256,500	2,145,842	95%	2,331,549
Supplies & Matls (chemicals, small tools)	3,400,048	2,729,834	80%	2,728,181
Outside Services (utilities, biosolids, legal)	7,523,760	6,401,039	85%	6,233,756
Fixed Assets	230,000	171,899	75%	78,762
Total	\$ 42,555,365	\$ 36,734,336	86%	\$ 40,313,960

REVENUES AND EXPENSES REPORT
as of 5/31/20

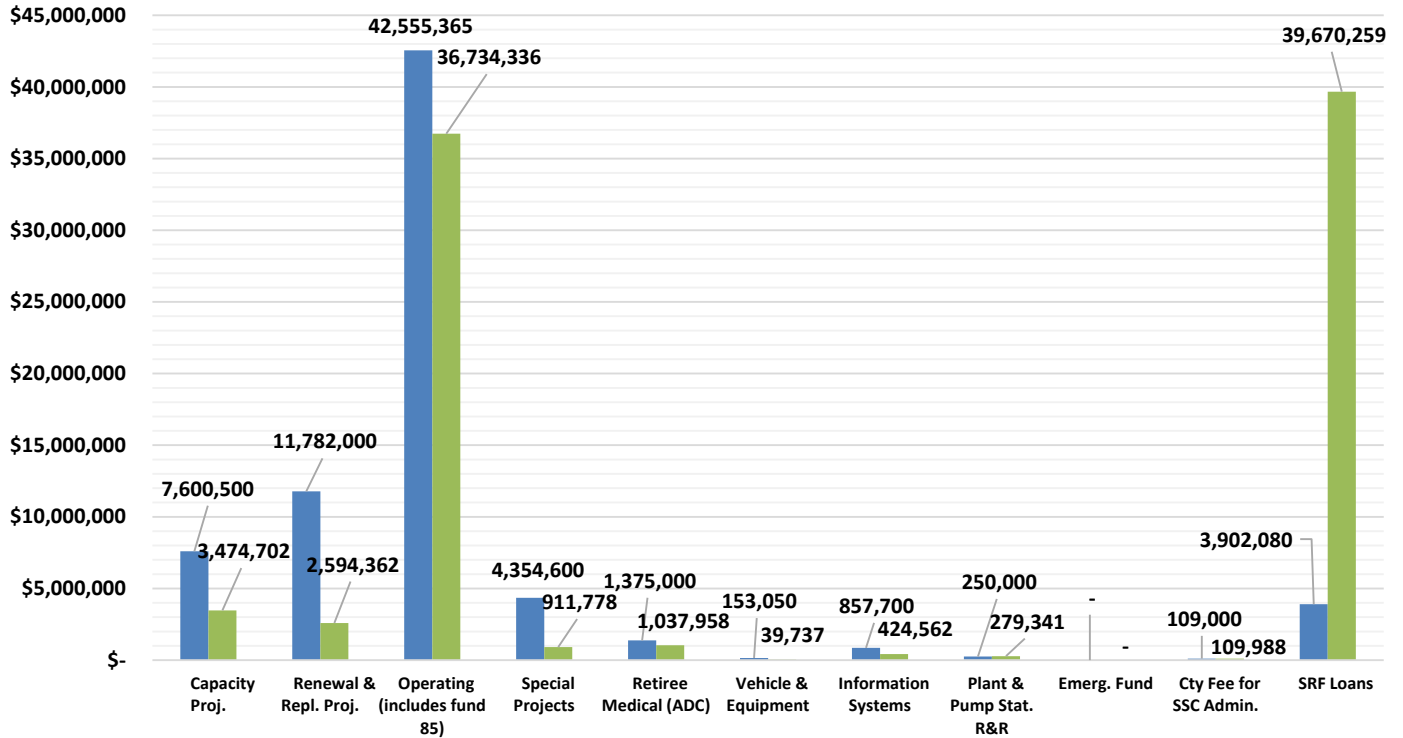
Total Revenues

■ Budget ■ Actual



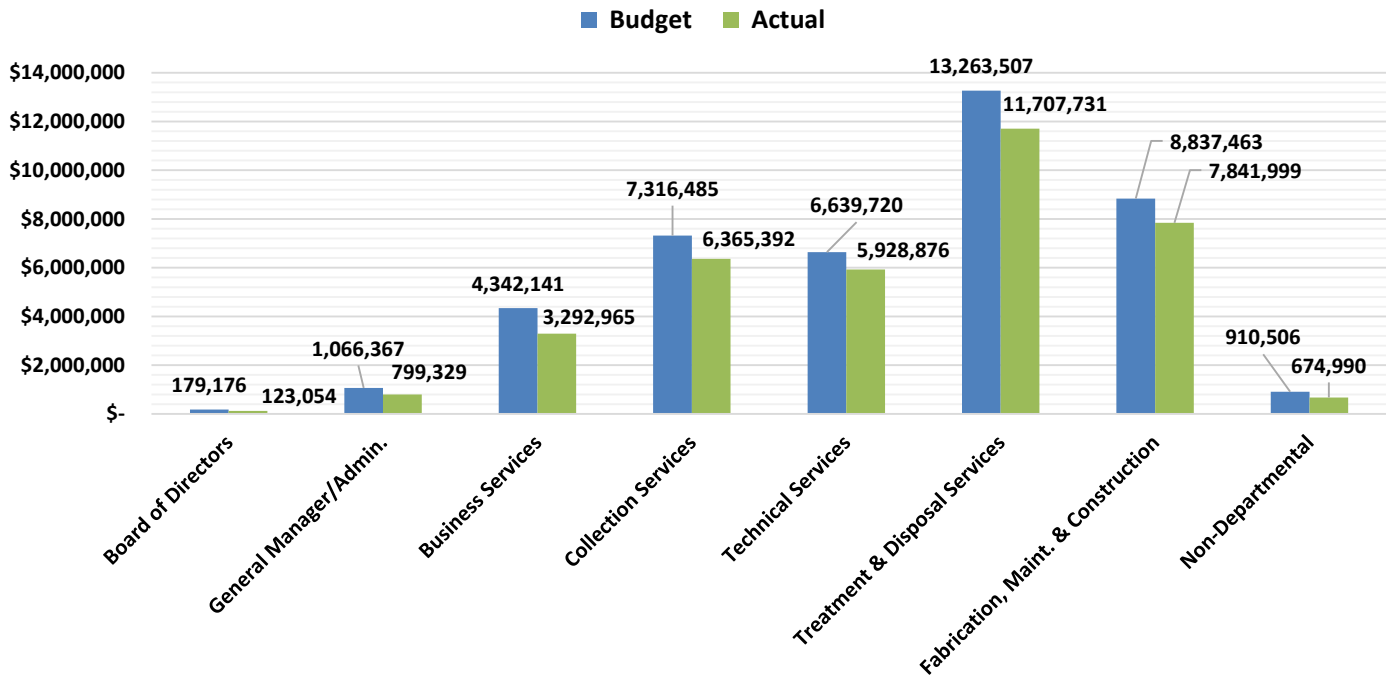
Total Expenses

■ Budget ■ Actual

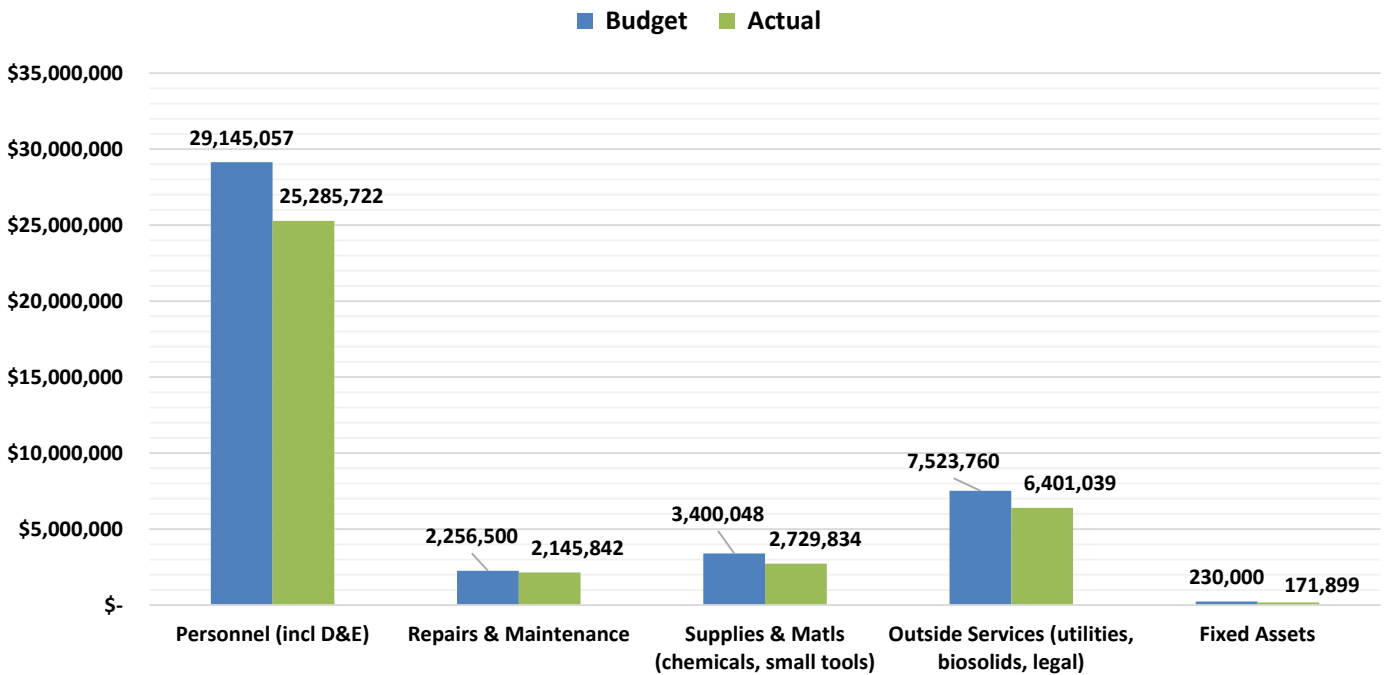


REVENUES AND EXPENSES REPORT
as of 5/31/20

Operating Expenses by Work Group

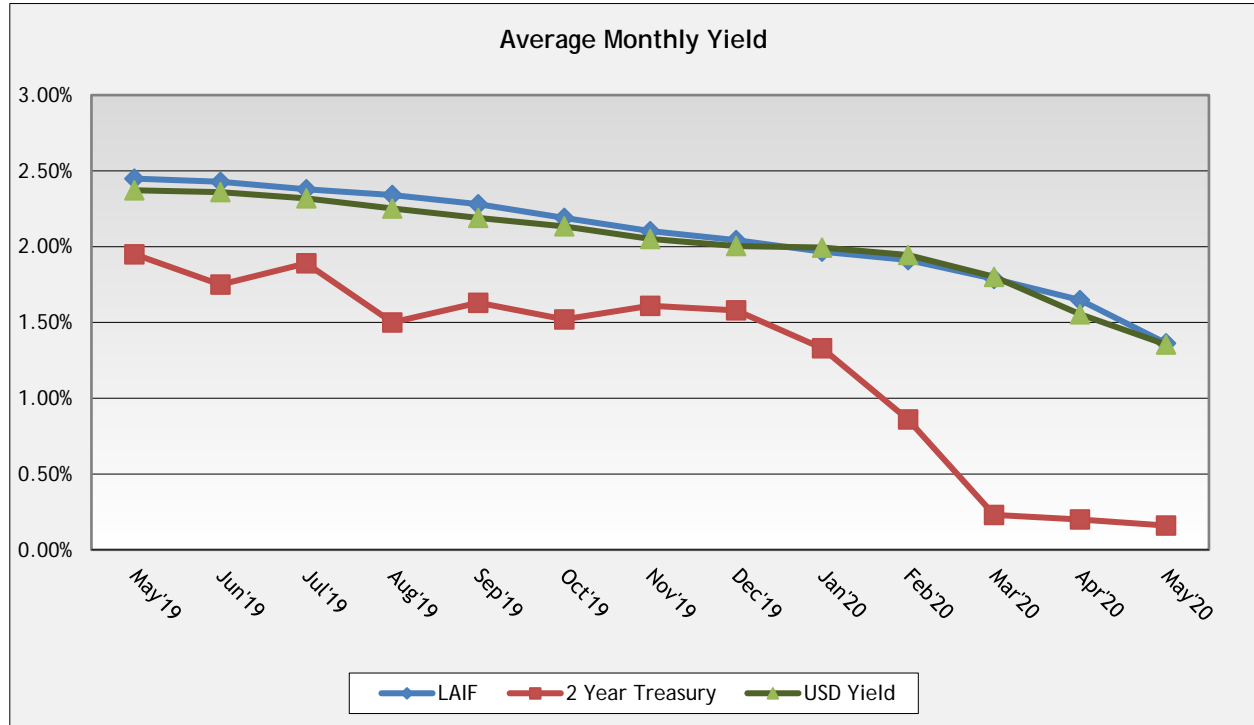


Operating Expenses by Type



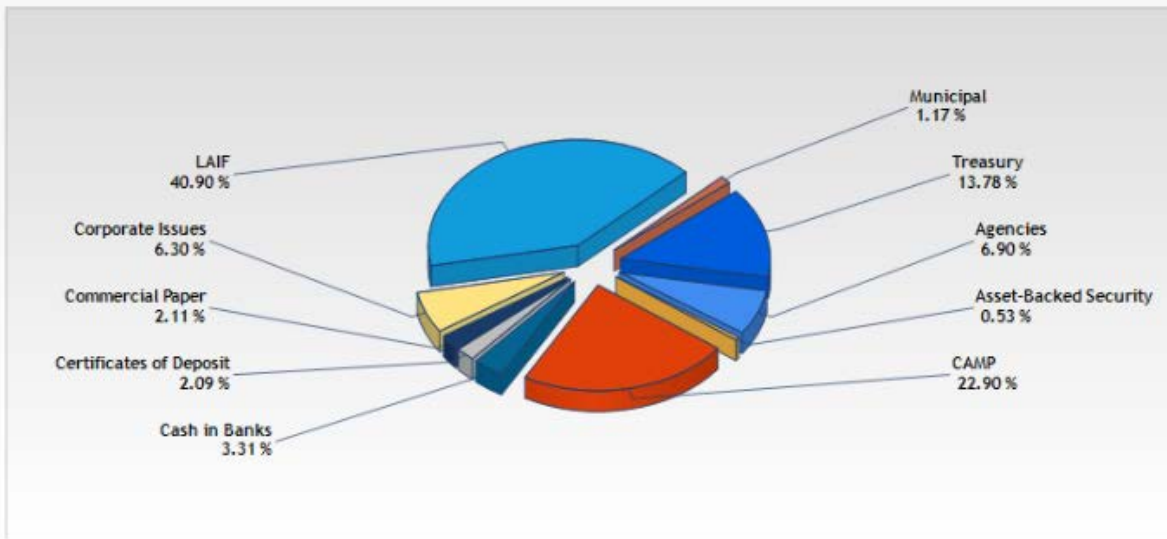
**Business Services Group
May 2020**

Performance Measures for the USD Investment Portfolio

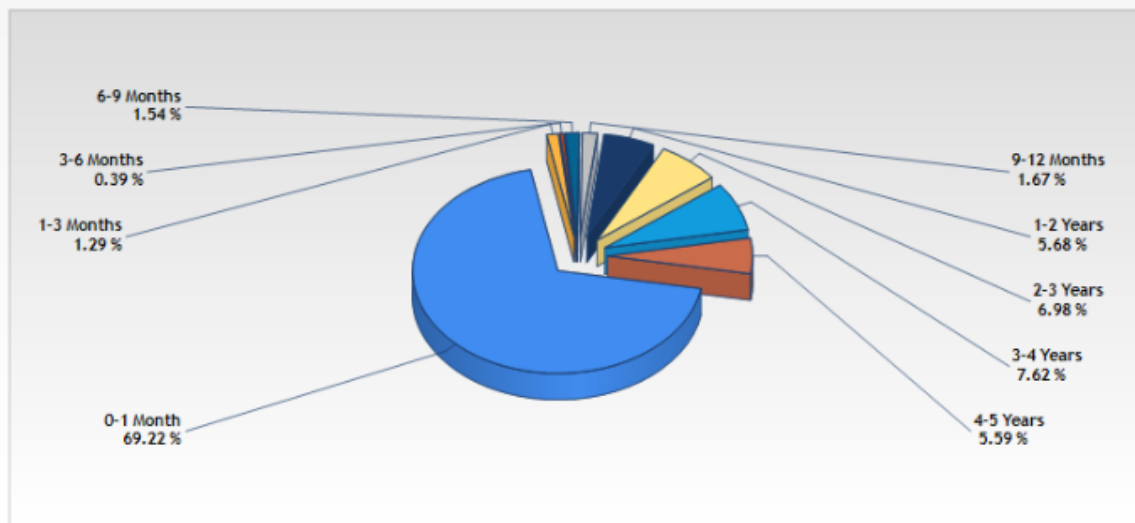


	Jan'20	Feb'20	Mar'20	Apr'20	May'20
LAIF	1.97%	1.91%	1.79%	1.65%	1.36%
2 Year Treasury	1.33%	0.86%	0.23%	0.20%	0.16%
USD Yield	1.99%	1.95%	1.80%	1.55%	1.35%

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	117,897,424.44	1.117	117,860,207.38	1	69.22	117,897,275.90	117,894,163.53	0.00
1-3 Months	2,000,000.00	2.500	2,191,145.28	85	1.29	2,019,200.00	2,010,414.97	0.23
3-6 Months	666,000.00	1.588	670,065.70	161	0.39	671,829.95	667,866.22	0.44
6-9 Months	2,612,000.00	1.683	2,626,990.78	242	1.54	2,645,454.24	2,619,919.14	0.65
9-12 Months	2,854,000.00	2.364	2,844,066.00	346	1.67	2,894,755.71	2,849,659.92	0.94
1-2 Years	9,613,000.00	1.852	9,679,432.57	592	5.68	9,879,118.18	9,663,534.56	1.60
2-3 Years	11,925,000.00	1.901	11,891,928.48	961	6.98	12,361,556.58	11,917,431.58	9.21
3-4 Years	13,190,000.00	2.203	12,978,255.89	1,276	7.62	13,900,349.04	13,047,906.87	3.38
4-5 Years	9,459,000.00	1.267	9,520,961.82	1,692	5.59	9,763,590.03	9,513,691.77	4.49
TOTAL / AVERAGE	170,216,424.44	1.354	170,263,053.90	305	100	172,033,129.63	170,184,588.56	1.28

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 5/31/2020

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	1,618,347.60	1.150	10/9/2020	4/9/2025	0.95
FHLB 0.5 4/14/2025	3130AJHU6	None	4/16/2020	560,000.00	557,222.40	0.500	560,369.60	0.601		4/14/2025	0.33
FHLB 1.375 2/17/2023	3130AJ7E3	None	2/21/2020	775,000.00	773,574.00	1.375	798,234.50	1.438		2/17/2023	0.45
FHLB 1.625 11/19/2021	3130AHJY0	S&P-AA+	3/11/2020	980,000.00	995,680.00	1.625	1,000,609.40	0.670		11/19/2021	0.58
FHLB 2 10/26/2021-19	3130AB3D6	None	4/26/2017	1,000,000.00	1,000,000.00	2.000	1,025,080.00	2.000		10/26/2021	0.59
FHLMC 0.375 5/5/2023	3137EAER6	S&P-AA	5/29/2020	495,000.00	495,688.05	0.375	495,792.00	0.327		5/5/2023	0.29
FHLMC 1.1 4/28/2025-20	3134GVNJ3	Moodys-Aaa	4/28/2020	1,009,000.00	1,010,261.25	1.100	1,011,350.97	1.074	10/28/2020	4/28/2025	0.59
FHLMC 1.5 2/12/2025	3137EAEP0	None	2/14/2020	1,035,000.00	1,034,203.05	1.500	1,082,227.05	1.516		2/12/2025	0.61
FNMA 0.25 5/22/2023	3135G04Q3	None	5/22/2020	865,000.00	862,396.35	0.250	863,209.45	0.351		5/22/2023	0.51
FNMA 0.625 4/22/2025	3135G03U5	None	4/24/2020	875,000.00	873,197.50	0.625	879,270.00	0.667		4/22/2025	0.51
FNMA 0.625 4/22/2025	3135G03U5	None	4/28/2020	125,000.00	124,763.75	0.625	125,610.00	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	415,848.10	0.839		1/7/2025	0.24
FNMA 1.625 10/15/2024	3135G0W66	Fitch-AAA	11/25/2019	1,000,000.00	997,860.00	1.625	1,051,530.00	1.671		10/15/2024	0.59
FNMA 1.875 4/5/2022	3135G0T45	S&P-AA+	3/16/2020	970,000.00	993,619.50	1.875	1,000,215.50	0.678		4/5/2022	0.58
Sub Total / Average Agencies				11,704,000.00	11,748,155.90	1.248	11,927,694.17	1.059			6.90
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	190,074.86	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	311,961.87	1.615	5/21/2023	4/22/2024	0.18
Toyota Auto Receivables 2020-A A3 1.66 5/15/2024	89232HAC9	None	2/12/2020	415,000.00	414,970.04	1.660	423,599.67	1.662		5/15/2024	0.24

Description	CUSIP/Ticker	Credit Rating 1	Settlement Date	Face Amount/Shares	Cost Value	Coupon Rate	Market Value	YTM @ Cost	Next Call Date	Maturity Date	% of Portfolio
Sub Total / Average Asset-Backed Security				905,000.00	904,873.96	1.690	925,636.40	1.694			0.53
CAMP											
CAMP LGIP	LGIP4000	None	5/31/2011	38,997,675.72	38,997,675.72	0.670	38,997,675.72	0.670	N/A	N/A	22.90
Sub Total / Average CAMP				38,997,675.72	38,997,675.72	0.670	38,997,675.72	0.670			22.90
Cash in Banks											
Union Bank Cash	LGIPUNIONBANK	None	12/31/2016	5,634,518.52	5,634,518.52	0.010	5,634,518.52	0.010	N/A	N/A	3.31
Sub Total / Average Cash in Banks				5,634,518.52	5,634,518.52	0.010	5,634,518.52	0.010			3.31
Certificates of Deposit											
American Expr Centurion 2.45 4/5/2022	02587DN38	None	4/5/2017	247,000.00	247,000.00	2.450	256,817.31	2.450		4/5/2022	0.15
Belmont Savings Bank 2.15 3/22/2022	080515BV0	None	3/20/2017	248,000.00	248,000.00	2.150	256,115.92	2.150		3/22/2022	0.15
BMW Bank 2.15 3/10/2022	05580AGR9	None	3/10/2017	247,000.00	247,000.00	2.150	254,949.08	2.150		3/10/2022	0.15
Capital One Bank 1.5 10/26/2020	140420L99	None	10/26/2016	248,000.00	248,000.00	1.500	249,206.87	1.500		10/26/2020	0.15
Credit Agricole CIB NY 2.83 4/2/2021	22535CDU2	None	4/4/2019	575,000.00	575,000.00	2.830	586,211.92	2.830		4/2/2021	0.34
Discover Bank 2.25 12/29/2021	254672Y36	None	12/29/2016	247,000.00	247,000.00	2.250	254,196.81	2.250		12/29/2021	0.15
DNB Nor Bank ASA 2.04 12/2/2022	23341VZT1	NR	12/6/2019	430,000.00	430,000.00	2.040	449,396.78	2.040		12/2/2022	0.25
Ponce De Leon Federal Bank 1.85 5/28/2021	732333AJ8	None	5/31/2017	249,000.00	249,000.00	1.850	252,121.59	1.850		5/28/2021	0.15
Societe Generale NY 1.8 2/14/2022	83369XDL9	None	2/19/2020	570,000.00	570,000.00	1.800	583,862.91	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	254,543.33	2.250		1/26/2022	0.15
Synchrony Bank 2.3 2/24/2022	87165ELT2	None	2/28/2017	247,000.00	247,000.00	2.300	255,274.72	2.300		2/24/2022	0.15
Sub Total / Average Certificates of Deposit				3,555,000.00	3,555,000.00	2.169	3,652,697.24	2.169			2.09
Commercial Paper											
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	0.58

Description	CUSIP/Ticker	Credit Rating 1	Settlement Date	Face Amount/Shares	Cost Value	Coupon Rate	Market Value	YTM @ Cost	Next Call Date	Maturity Date	% of Portfolio
MUFG BANK LTD/NY 1.93 6/24/2020	62479LFQ3	Moodys-P1	10/28/2019	1,000,000.00	987,133.33	1.930	999,920.60	3.943		6/24/2020	0.58
Natixis NY Branch 0 6/9/2020	63873JF96	S&P-A1	1/14/2020	1,635,000.00	1,623,116.28	0.000	1,634,945.06	1.793		6/9/2020	0.95
Sub Total / Average Commercial Paper				3,635,000.00	3,597,782.94	1.043	3,634,851.46	2.939			2.11

Corporate Issues

Amazon.com Inc. 2.4 2/22/2023	023135AW6	Fitch-A+	4/15/2019	675,000.00	668,499.75	2.400	712,125.00	2.664		2/22/2023	0.39
American Express Credit 2.7 3/3/2022	0258M0EG0	Moodys-A2	5/15/2017	1,000,000.00	1,013,279.67	2.700	1,034,240.00	2.406		3/3/2022	0.60
American Honda Finance 1.95 5/10/2023	02665WDH1	None	1/10/2020	415,000.00	414,846.45	1.950	421,718.85	1.962		5/10/2023	0.24
Apple Inc 0.75 5/11/2023	037833DV9	S&P-AA+	5/11/2020	325,000.00	324,116.00	0.750	327,993.25	0.842		5/11/2023	0.19
Bank of America Corp 4.1 7/24/2023	06053FAA7	Fitch-A	3/22/2019	500,000.00	520,405.00	4.100	546,835.00	3.087		7/24/2023	0.31
BB&T Corporation 3.05 6/20/2022-22	05531FBG7	Fitch-A+	3/22/2019	525,000.00	525,714.00	3.050	547,690.50	3.006	5/20/2022	6/20/2022	0.31
Chevron Corp 2.1 5/16/2021	166764BG4	Moodys-Aa2	5/10/2017	1,000,000.00	999,500.00	2.100	1,015,030.00	2.113		5/16/2021	0.59
Exxon Mobil Corporation 2.726 3/1/2023	30231GAR3	Moodys-Aaa	6/14/2019	985,000.00	1,001,400.25	2.726	1,037,017.85	2.256		3/1/2023	0.59
HSBC 4.875 8/24/2020	4042Q1AE7	Moodys-A1	5/17/2016	2,000,000.00	2,191,145.28	4.875	2,019,200.00	2.500		8/24/2020	1.29
JPMorgan Chase & Co 2.7 5/18/2023-23	46625HRL6	Fitch-A+	3/22/2019	525,000.00	517,970.25	2.700	549,659.25	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	597,968.40	2.669		5/10/2022	0.34
State Street Corp 1.95 5/19/2021	857477AV5	Fitch-AA-	3/22/2019	530,000.00	520,566.00	1.950	538,342.20	2.805		5/19/2021	0.31
Toyota Motor Credit Corp 1.8 2/13/2025	89236TGT6	S&P-AA-	5/26/2020	250,000.00	252,442.50	1.800	255,767.50	1.584		2/13/2025	0.15
Toyota Motor Credit Corp 1.8 2/13/2025	89236TGT6	S&P-AA-	5/26/2020	180,000.00	181,758.60	1.800	184,152.60	1.584		2/13/2025	0.11
Wal-Mart Stores Inc 2.55 4/11/2023-23	931142DH3	S&P-AA	5/26/2020	965,000.00	1,015,701.10	2.550	1,016,695.05	0.701	1/11/2023	4/11/2023	0.60
Sub Total / Average Corporate Issues				10,455,000.00	10,727,031.65	2.980	10,804,435.45	2.268			6.30

LAIF

LAIF LGIP	LGIP1002	None	4/30/2011	69,630,230.20	69,630,230.20	1.363	69,630,230.20	1.363	N/A	N/A	40.90
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Description	CUSIP/Ticker	Credit Rating 1	Settlement Date	Face Amount/Shares	Cost Value	Coupon Rate	Market Value	YTM @ Cost	Next Call Date	Maturity Date	% of Portfolio
Sub Total / Average LAIF				69,630,230.20	69,630,230.20	1.363	69,630,230.20	1.363			40.90
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	503,050.00	2.125		6/1/2021	0.29
State of California 2.152 4/1/2022	13063DAD0	Moodys-Aa3	4/27/2017	1,000,000.00	1,010,000.00	2.152	1,025,190.00	1.938		4/1/2022	0.59
Victor Valley College General Obligation Bond 2.35	92603PER9	Moodys-Aa2	12/28/2016	500,000.00	490,150.00	2.350	503,705.00	2.811		8/1/2021	0.29
Sub Total / Average Municipal				2,000,000.00	2,000,150.00	2.194	2,031,945.00	2.199			1.17
Treasury											
T-Note 1.25 7/31/2023	912828S92	Fitch-AAA	4/2/2019	1,790,000.00	1,712,806.25	1.250	1,849,231.10	2.302		7/31/2023	1.01
T-Note 1.375 6/30/2023	912828S35	Fitch-AAA	3/20/2019	2,000,000.00	1,914,609.38	1.375	2,072,340.00	2.431		6/30/2023	1.12
T-Note 1.375 9/30/2023	912828T26	Fitch-AAA	3/20/2019	2,000,000.00	1,909,531.25	1.375	2,077,420.00	2.436		9/30/2023	1.12
T-Note 1.5 3/31/2023	912828Q29	Fitch-AAA	3/20/2019	1,230,000.00	1,186,421.49	1.500	1,275,792.90	2.428		3/31/2023	0.70
T-Note 1.75 7/15/2022	9128287C8	Fitch-AAA	7/31/2019	1,000,000.00	998,789.06	1.750	1,033,320.00	1.792		7/15/2022	0.59
T-Note 1.75 9/30/2022	912828L57	Fitch-AAA	3/20/2019	835,000.00	816,016.80	1.750	865,561.00	2.426		9/30/2022	0.48
T-Note 1.875 2/28/2022	912828W55	Fitch-AAA	4/2/2019	485,000.00	479,259.57	1.875	499,341.45	2.298		2/28/2022	0.28
T-Note 1.875 8/31/2024	912828U3	Fitch-AAA	9/3/2019	780,000.00	797,732.81	1.875	833,016.60	1.402		8/31/2024	0.47
T-Note 2 4/30/2024	912828X70	Fitch-AAA	6/7/2019	960,000.00	964,875.00	2.000	1,025,702.40	1.891		4/30/2024	0.57
T-Note 2 6/30/2024	912828XX3	Fitch-AAA	7/3/2019	500,000.00	505,156.25	2.000	535,450.00	1.783		6/30/2024	0.30
T-Note 2.125 1/31/2021	912828B58	Fitch-AAA	10/28/2019	2,475,000.00	2,488,535.16	2.125	2,506,704.75	1.683		1/31/2021	1.46
T-Note 2.125 11/30/2024	912828J7	S&P-AA+	1/2/2020	500,000.00	511,152.34	2.125	541,190.00	1.650		11/30/2024	0.30
T-Note 2.125 12/31/2022	912828N30	Fitch-AAA	3/20/2019	1,170,000.00	1,157,340.24	2.125	1,228,453.20	2.426		12/31/2022	0.68
T-Note 2.125 2/29/2024	912828W48	Fitch-AAA	3/20/2019	2,000,000.00	1,970,625.00	2.125	2,140,940.00	2.442		2/29/2024	1.16
T-Note 2.125 3/31/2024	912828W71	S&P-AA+	3/2/2020	1,220,000.00	1,282,525.00	2.125	1,307,779.00	0.844		3/31/2024	0.75
T-Note 2.125 6/30/2022	912828XG0	Fitch-AAA	3/20/2019	710,000.00	703,454.69	2.125	738,897.00	2.418		6/30/2022	0.41
T-Note 2.125 7/31/2024	912828N9	Fitch-AAA	8/29/2019	445,000.00	460,557.62	2.125	479,385.15	1.388		7/31/2024	0.27
T-Note 2.25 12/31/2023	912828V23	Fitch-AAA	3/20/2019	2,000,000.00	1,982,968.75	2.250	2,144,540.00	2.439		12/31/2023	1.16
T-Note 2.625 11/15/2020	912828PC8	Fitch-AAA	11/15/2019	418,000.00	422,065.70	2.625	422,623.08	1.640		11/15/2020	0.25
T-Note 2.75 11/30/2020	9128285Q9	Fitch-AAA	11/29/2019	137,000.00	138,455.62	2.750	138,749.49	1.677		11/30/2020	0.08
T-Note 2.75 8/15/2021	9128284W7	Fitch-AAA	10/28/2019	1,045,000.00	1,064,757.03	2.750	1,077,008.35	1.678		8/15/2021	0.63
Sub Total / Average Treasury				23,700,000.00	23,467,635.01	1.908	24,793,445.47	2.065			13.78

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
Total / Average				170,216,424.44	170,263,053.90	1.350	172,033,129.63	1.354			100

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

Reviewer:

Approver:

Union Sanitary District
 Transactions Summary
 Board Report - Activity
 Group By: Action
 Portfolio / Report Group: All Portfolios
 Begin Date: 04/30/2020, End Date: 05/31/2020

Description	CUSIP/Ticker	Face Amount/Shares	Principal	Interest/Dividends	Coupon Rate	YTM @ Cost	Settlement Date	Total
Buy								
Apple Inc 0.75 5/11/2023	037833DV9	325,000.00	324,116.00	0.00	0.750	0.842	5/11/2020	324,116.00
FHLB 0 5/11/2020	313384WS4	328,000.00	327,999.54	0.00	0.000	0.010	5/6/2020	327,999.54
FHLMC 0.375 5/5/2023	3137EAER6	495,000.00	495,688.05	113.44	0.375	0.327	5/29/2020	495,801.49
FNMA 0.25 5/22/2023	3135G04Q3	865,000.00	862,396.35	0.00	0.250	0.351	5/22/2020	862,396.35
Toyota Motor Credit Corp 1.8 2/13/2025	89236TGT6	180,000.00	181,758.60	927.00	1.800	1.584	5/26/2020	182,685.60
Toyota Motor Credit Corp 1.8 2/13/2025	89236TGT6	250,000.00	252,442.50	1,287.50	1.800	1.584	5/26/2020	253,730.00
Wal-Mart Stores Inc 2.55 4/11/2023-23	931142DH3	965,000.00	1,015,701.10	3,075.94	2.550	0.701	5/26/2020	1,018,777.04
Sub Total / Average Buy		3,408,000.00	3,460,102.14	5,403.88				3,465,506.02
Deposit								
BNY Cash	LGIPBNY	0.27	0.27	0.00	N/A	0.000	5/1/2020	0.27
CAMP LGIP	LGIP4000	22,086.37	22,086.37	0.00	N/A	0.000	5/29/2020	22,086.37
Union Bank Cash	LGIPUNIONBANK	5,634,518.52	5,634,518.52	0.00	N/A	0.000	5/31/2020	5,634,518.52
Sub Total / Average Deposit		5,656,605.16	5,656,605.16	0.00				5,656,605.16
Interest								
American Honda Finance 1.95 5/10/2023	02665WDH1	0.00	0.00	2,697.50	1.950	0.000	5/11/2020	2,697.50
BNY Cash	LGIPBNY	0.00	0.00	0.27	N/A	0.000	5/1/2020	0.27
CAMP LGIP	LGIP4000	0.00	0.00	22,086.37	N/A	0.000	5/29/2020	22,086.37
Carmax Auto Owner Trust 1.89 12/16/2024	14315XAC2	0.00	0.00	291.38	1.890	0.000	5/15/2020	291.38
Chevron Corp 2.1 5/16/2021	166764BG4	0.00	0.00	10,500.00	2.100	0.000	5/18/2020	10,500.00
FHLB 1.625 11/19/2021	3130AHJY0	0.00	0.00	8,449.10	1.625	0.000	5/19/2020	8,449.10
Honda Auto Receivables 2020-1 1.61 4/22/2024-23	43813RAC1	0.00	0.00	409.21	1.610	0.000	5/21/2020	409.21
JPMorgan Chase & Co 2.7 5/18/2023-23	46625HRL6	0.00	0.00	7,087.50	2.700	0.000	5/18/2020	7,087.50
Lakeside Bank 1.75 5/29/2020	51210SMU8	0.00	0.00	346.21	1.750	0.000	5/29/2020	346.21
Paccar Financial Corp 2.65 5/10/2022	69371RP83	0.00	0.00	7,685.00	2.650	0.000	5/11/2020	7,685.00

Description	CUSIP/Ticker	Face Amount/Shares	Principal	Interest/Dividends	Coupon Rate	YTM @ Cost	Settlement Date	Total
State Street Corp 1.95 5/19/2021	857477AV5	0.00	0.00	5,167.50	1.950	0.000	5/19/2020	5,167.50
Summit Community Bank 1.65 5/29/2020	86604XLT1	0.00	0.00	326.43	1.650	0.000	5/29/2020	326.43
T-Note 2.625 11/15/2020	912828PC8	0.00	0.00	11,156.25	2.625	0.000	5/15/2020	11,156.25
Toyota Auto Receivables 2020-A A3 1.66 5/15/2024	89232HAC9	0.00	0.00	574.08	1.660	0.000	5/15/2020	574.08
Sub Total / Average Interest		0.00	0.00	76,776.80				76,776.80
Matured								
FHLB 0 5/11/2020	313384WS4	328,000.00	328,000.00	0.00	0.000	0.000	5/11/2020	328,000.00
Lakeside Bank 1.75 5/29/2020	51210SMU8	249,000.00	249,000.00	0.00	1.750	0.000	5/29/2020	249,000.00
Summit Community Bank 1.65 5/29/2020	86604XLT1	249,000.00	249,000.00	0.00	1.650	0.000	5/29/2020	249,000.00
Sub Total / Average Matured		826,000.00	826,000.00	0.00				826,000.00
Sell								
T-Note 1.75 9/30/2022	912828L57	980,000.00	1,016,022.66	2,624.04	1.750	0.000	5/26/2020	1,018,646.70
T-Note 2.625 11/15/2020	912828PC8	185,000.00	187,189.65	145.16	2.625	0.000	5/26/2020	187,334.81
T-Note 2.625 11/15/2020	912828PC8	247,000.00	249,933.13	193.81	2.625	0.000	5/26/2020	250,126.94
T-Note 2.625 11/15/2020	912828PC8	320,000.00	324,262.50	3,992.31	2.625	0.000	5/6/2020	328,254.81
T-Note 2.75 11/30/2020	9128285Q9	843,000.00	854,690.04	11,021.19	2.750	0.000	5/22/2020	865,711.23
Sub Total / Average Sell		2,575,000.00	2,632,097.98	17,976.51				2,650,074.49
Withdraw								
BNY Cash	LGIPBNY	0.27	0.27	0.00	N/A	0.000	5/1/2020	0.27
LAIF LGIP	LGIP1002	3,000,000.00	3,000,000.00	0.00	N/A	0.000	5/19/2020	3,000,000.00
Union Bank Cash	LGIPUNIONBANK	6,917,851.31	6,917,851.31	0.00	N/A	0.000	5/30/2020	6,917,851.31
Sub Total / Average Withdraw		9,917,851.58	9,917,851.58	0.00				9,917,851.58

<p>MONTHLY OPERATIONS REPORT FOR THE MONTH MAY 2020</p> <p>TECHNICAL SUPPORT WORK GROUP SUMMARY</p>

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 – Delivery of knife gate valves completed. Control Box No. 1 cleaning work postponed due to the shelter-in-place period pursuant to the Alameda County’s health order.

Headworks Screens Replacement Project –Contractor completed installation and functional testing of new Mechanical Screen No. 3. Operational testing of Mechanical Screen No. 3 is anticipated to be complete by mid-June.

Primary Digester No. 2 Rehabilitation Project – Contractor completed concrete and coatings work at Primary Clarifier No. 5 and began similar work at Primary Clarifier No. 6. Demolition of the foam insulation on the cover of Primary Digester No. 2 was completed and installation of the new foam insulation is in progress.

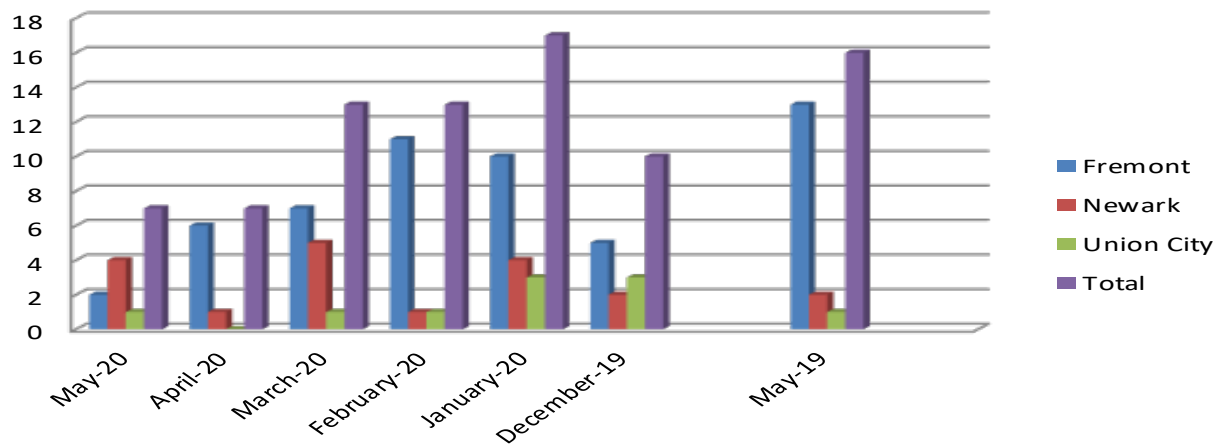
Primary Digester No. 7 Project – Formwork, rebar, and concrete placements for Digester No. 7 grade beams were completed. Ring footing formwork and rebar installation will take place in June.

Sludge Degritter System Project – Board accepted project at May 26th board meeting.

Customer Service

Trouble Calls dispatched from the Front Desk during business hours:

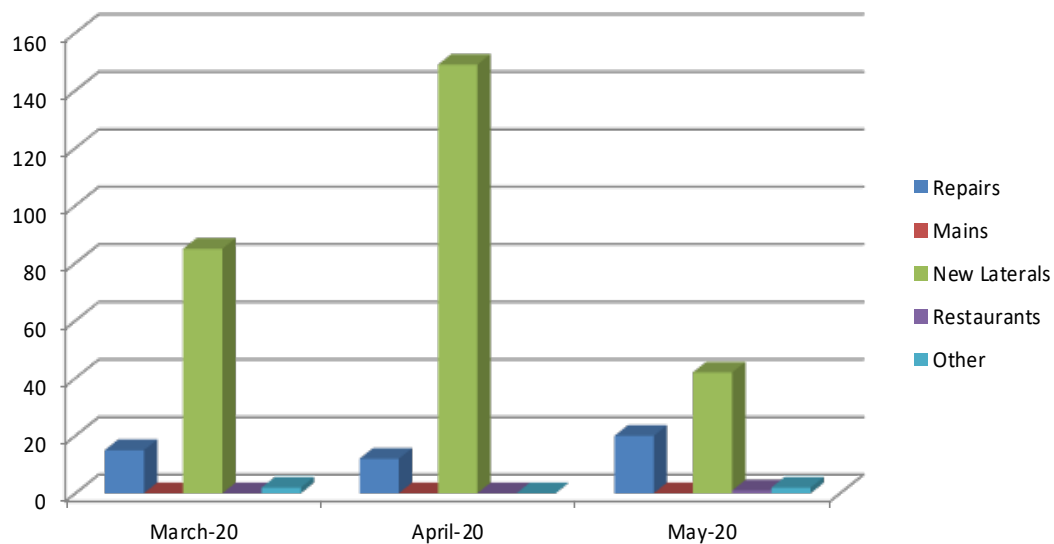
Month	Fremont	Newark	Union City	Total
May-20	2	4	1	7
April-20	6	1	0	7
March-20	7	5	1	13
February-20	11	1	1	13
January-20	10	4	3	17
December-19	5	2	3	10
May-19	13	2	1	16
6-Month Total				67



Sewer Permits Issued

Month	Repairs	Mains	New Laterals	Restaurants	Other
May-20	20	0	42	1	2
April-20	12	0	149	0	0
March-20	15	0	85	0	2

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



Communication

- Infrastructure article submitted to local newspaper.
- Social Media posts:
 - Infrastructure article.
 - Virtual Public Hearing participation info.
 - Shelter-in-place haircut – only the “3 P’s” should be flushed.
 - Memorial Day office closure.
 - USD mask donation to Union City Police Department.
 - Outcome of Public Hearing including residential fee increase deferral information.
- Website:
 - Updated Sewer Service Charges page with Public Hearing outcome information.
 - Removed Virtual Public Hearing page and all links to it from website – info is on SSC page.
 - Updated Home Page – “Trending Now” reinstated.
 - Created new CIP pages for current projects.
- Ads:
 - Tri-City Voice – Virtual Public Hearing ad.
- Community meetings:
 - Participated in Union City Chamber of Commerce virtual board meeting.
 - Participated in Ohlone College President’s Advisory Committee virtual meeting.
- 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 104 Stormwater (Urban Runoff), and 35 FOG (restaurant) inspections. During this reporting period, Inspectors identified 11 Stormwater and 12 FOG enforcement actions. Two (2) of the Stormwater enforcements resulted in administrative fines of \$100 for each violation. Zero (0) of the administrative fines were for illicit discharges.

Urban Runoff Inspections and Enforcements

May 2020	No. of UR Inspections	VW	WL	NOV	AF	LA	NOD	Total Enforcements	No. of Illicit Discharge/s	0
	104	8	0	1	2	0	0	11	% Enforcement	11%

FOG Inspections and Enforcements

May 2020	No. of FOG Inspections	VW	WL	NOV	AF	LA	NOD	Total Enforcements	% Enforcement	34%
	35	0	12	0	0	0	0	12		

*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
Silicon Valley RO/DI	FMC (Groundwater – Pending)
N7K Neuralink	
Rigetti Computing	
Facebook Commissary	
Estuary LLC	
Sonova	
Membrane Technology Research	

Permits Issued

Company Name	Date Permit Issued
Preston Pipeline (Groundwater)	5/13/2020

Industrial Permit Closures

Company Name	Date of Closure
Stryker	5/28/2020
Trulite Glass & Aluminum	5/19/2020

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
None						

*(1) WL – Warning Letter**NOV – Notices of Violation**AO – Administrative Order**C&D – Cease and Desist Order**SNC – Significant Non-Compliance**EM – Enforcement Meeting***Other - Training, Special Meetings, Conferences, IAC (topics)**

Activity	Date of Event	Attendees
NACWA Pretreatment Regulatory Update	5/12/2020	Alex Paredes
NACWA Pretreatment for PFAS	5/13/2020	Alex Paredes

Engineering/Construction

No. of projects under construction: 6

	Construction Projects	Capital (\$1000)	Scheduled Completion	Completed Scope	Completed Time	Comments for May 2020 Activities
1.	Alvarado Influent Pump Station Improvements Project – Thomas	\$8,890	10/21	10%	29%	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%	50%	Knife gate valves delivered. Control Box No. 1 cleaning postponed during shelter-in-place period.
3.	Headworks Screens Replacement Project – Thomas	\$1,822	11/20	40%	60%	Submittals review in progress. Completed installation and functional testing of new Mechanical Screen No. 3
4.	Primary Digester No. 2 Rehabilitation Project – Derek	\$3,058	10/20	38%	55%	Concrete and coatings work at Primary Clarifier No. 5 completed. Foam insulation installation on the cover of Primary Digester No. 2 in progress.
5.	Primary Digester No. 7 Project – Curtis	\$23,355	12/21	19%	18%	Formwork, rebar, and concrete for Digester No. 7 grade beams completed.
6.	Sludge Degritter System Project – Kevin	\$1,436	10/19	100%	100%	Board accepted Project at the May 26 th Board Meeting.

Design/Study

No. of projects in design/study phase: **14**

	Design/Study Projects	Capital (\$1000)	Scheduled Completion	Completed Scope	Completed Time	Comments for May 2020 Activities
1.	Aeration Blower No. 11 Project - Derek	\$123	06/20	95%	96%	100% design documents in progress.
2.	Cast Iron Lining/Piping Project – Phase 8 – Andrew	In House	8/20	10%	20%	75% design documents in progress.
3.	Cathodic Protection System Improvements Project - Thomas	\$87	07/20	65%	75%	90% design documents in progress.
4.	Centrifuge Building Improvements Project – Somporn	\$574	08/20	88%	93%	90% design documents review in progress.
5.	Emergency Outfall Improvements Project – Andrew	\$398	08/20	97%	91%	U.S. Fish and Wildlife approval and Army Corps Permit received, remainder of permitting and easement acquisition in progress.
6.	Force Main Condition Assessment – Andrew	\$121	10/20	60%	88%	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	30%	75%	Consultant is working on developing rehabilitation recommendations.
10.	Odor Control Alternatives Study – Kevin	\$465	12/20	99%	100%	Report will be finalized after the pilot testing project is completed.
11.	Odor Control Pilot Study - Somporn	\$99	12/20	35%	50%	Air Board permit received. Purchase order to Daniel Company will be issued in June 2020.
12.	Standby Power Generation System Upgrade Project – Kevin	\$2,281	01/21	70%	70%	Preparation of 90% design and engine pre-selection bid documents in progress.
13.	WAS Thickener Replacement Project – Derek	\$284	05/19	90%	100%	Preparation of the preliminary design report in progress.

	Design/Study Projects	Capital (\$1000)	Scheduled Completion	Completed Scope	Completed Time	Comments for May 2020 Activities
14.	Wet Weather Flow Management – Calcium Thiosulfate Chemical Feed System – Kevin/Blake	\$70	09/20	40%	40%	50% design submittal in progress.

COLLECTION SERVICES ACTIVITIES REPORT MAY 2020

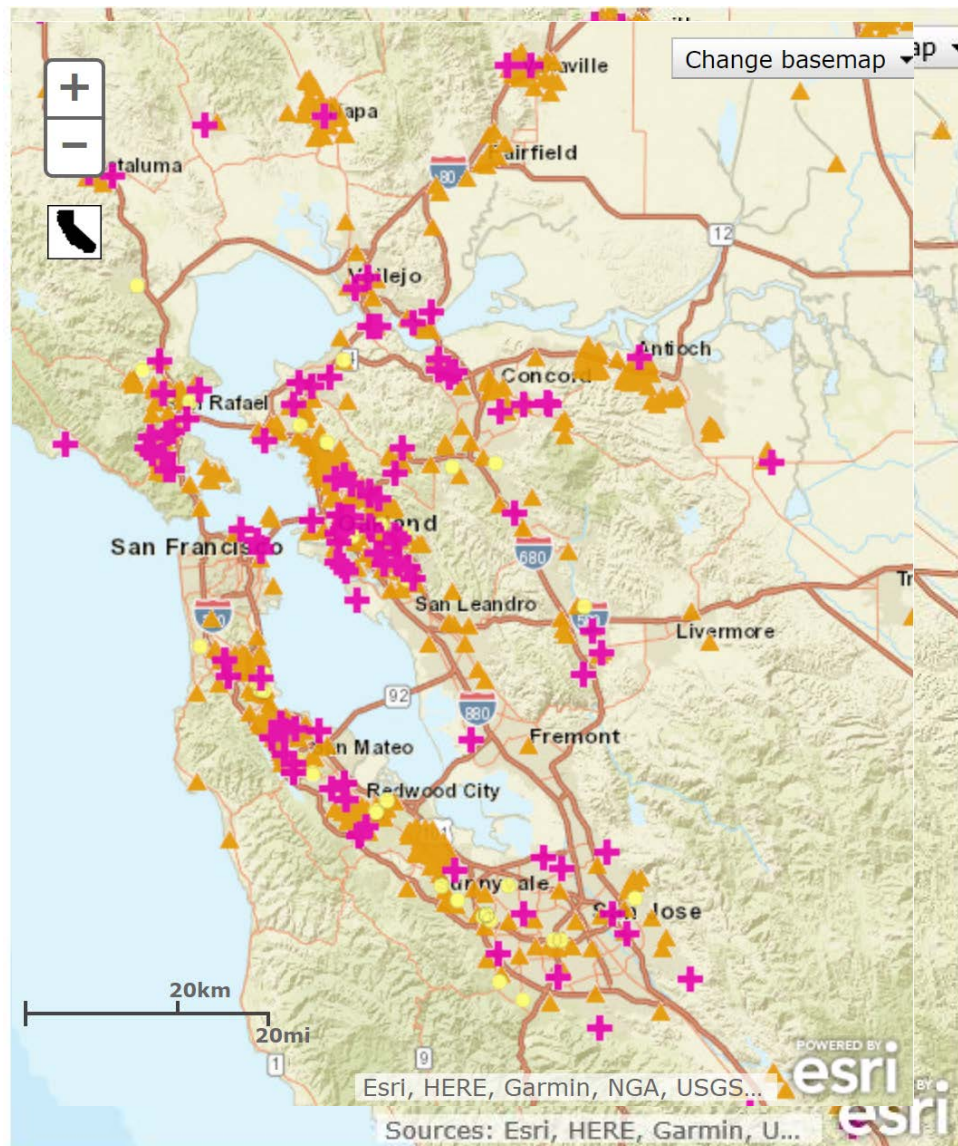
Progress/Accomplishments

- No Spills in May.
- Completed 10.5 miles of sewer main cleaning in May.
- Completed 10.1 miles of sewer main inspection in May.
- Responded to 9 service request calls in May.
- Completed a total of 2 sewer main repairs in May.

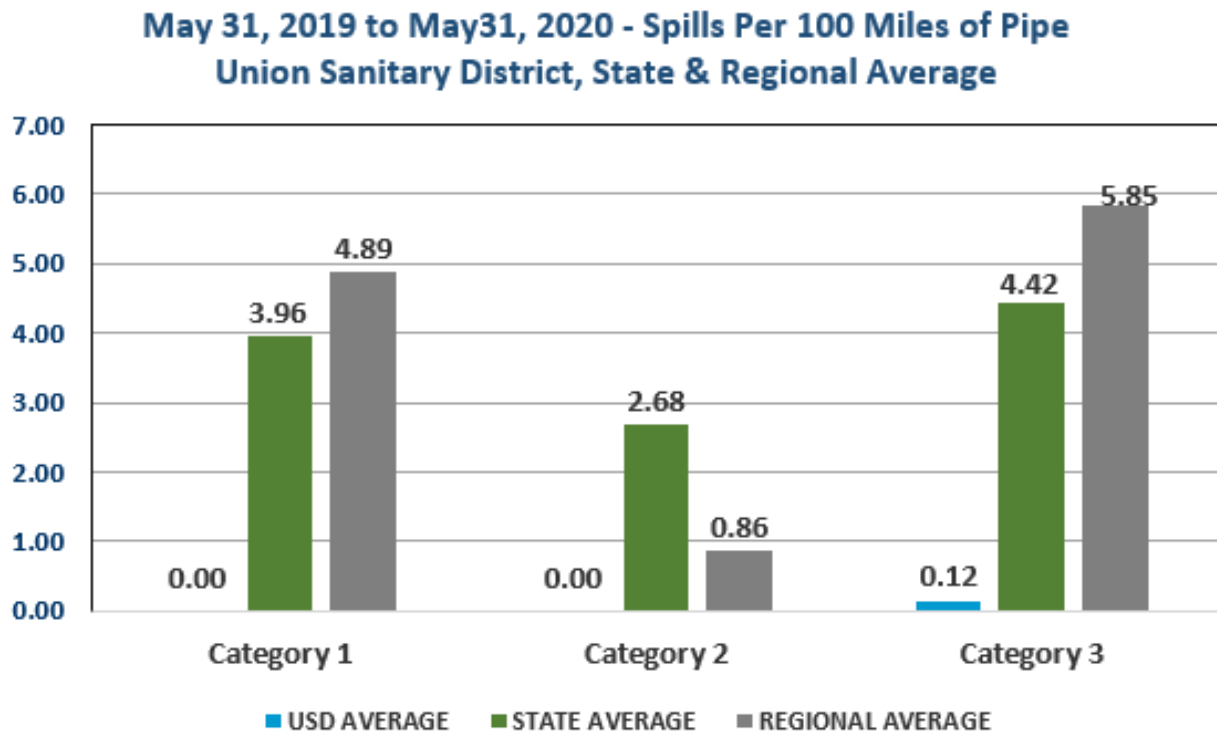
Trainings

- Preventing Discrimination and Harassment CBT

Reported Bay Area Spills May 31, 2019 to May 31, 2020



May 31, 2019 to May 31, 2020 Spills Per 100 Miles of Pipe Union Sanitary District, State & Regional Average



Spill Rate Statistics - May 31, 2019 to May 31, 2020

Spills per 100 Miles of Pipe

	Category 1	Category 2	Category 3
USD AVERAGE	0.00	0.00	0.12
STATE AVERAGE	3.96	2.68	4.42
REGIONAL AVERAGE	4.89	0.86	5.85

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

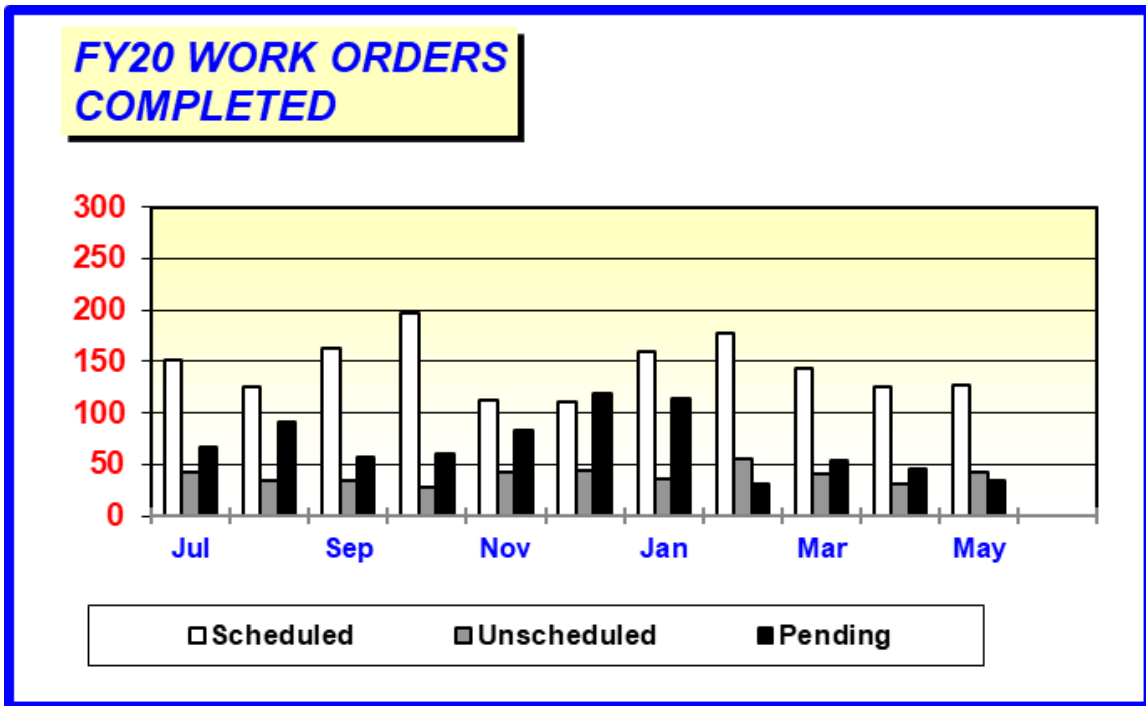
Category 2 - 1,000 gallons or more. Does not reach surface waters, not fully captured

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

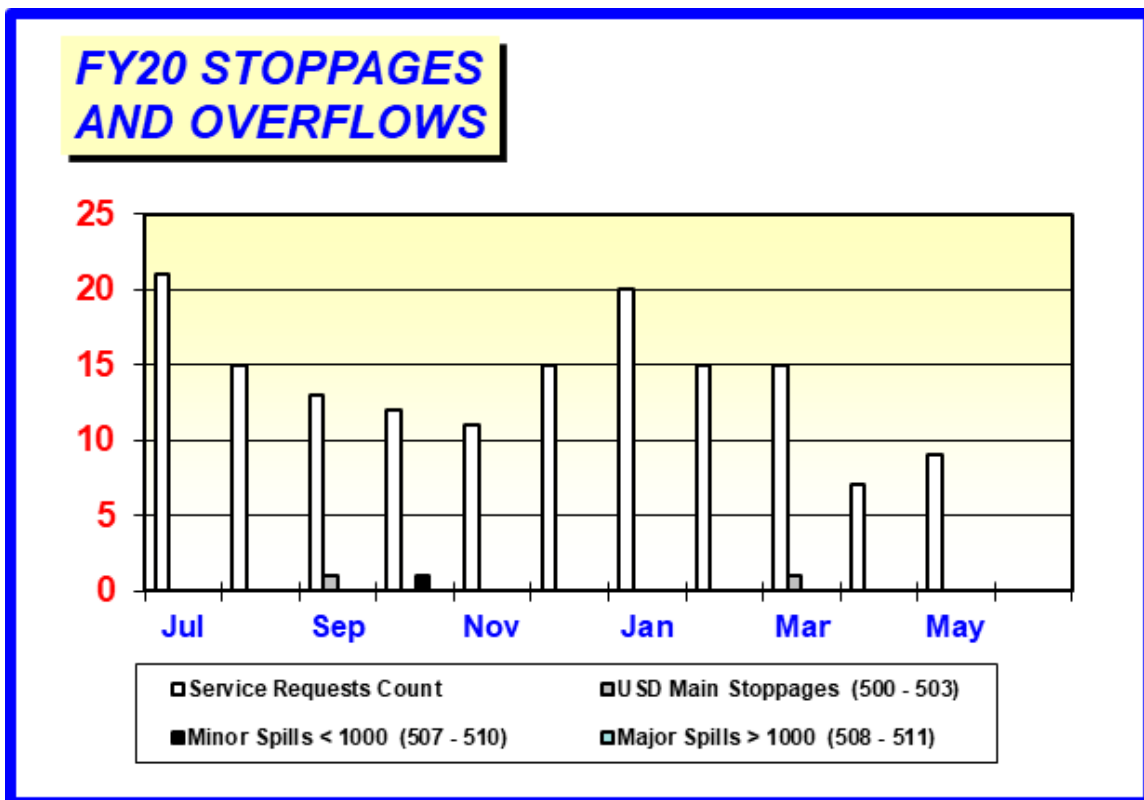
Performance Measures

Other Collection Services Status Data:

Support Team Work Order Status:



C/S Maintenance Status:



Fabrication, Maintenance and Construction Activities Report May 2020

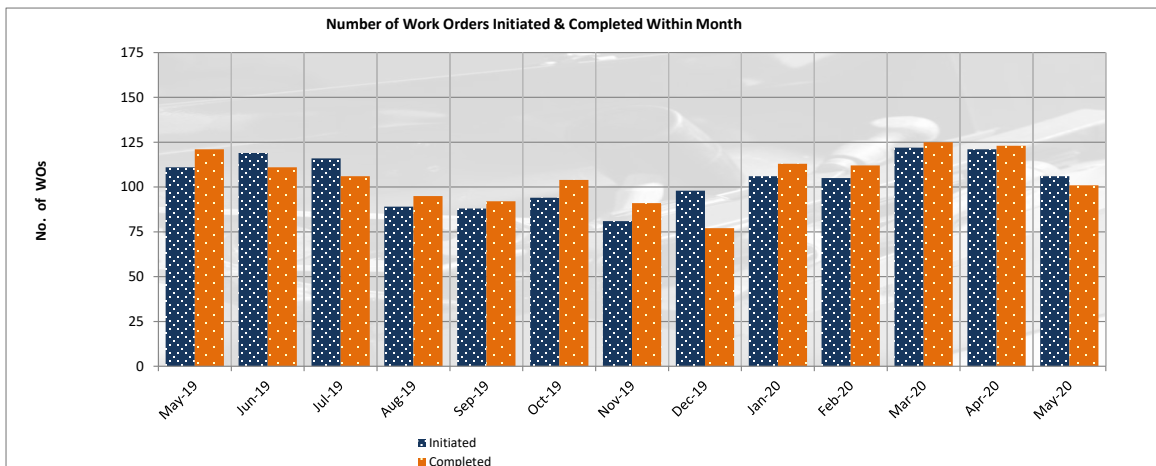
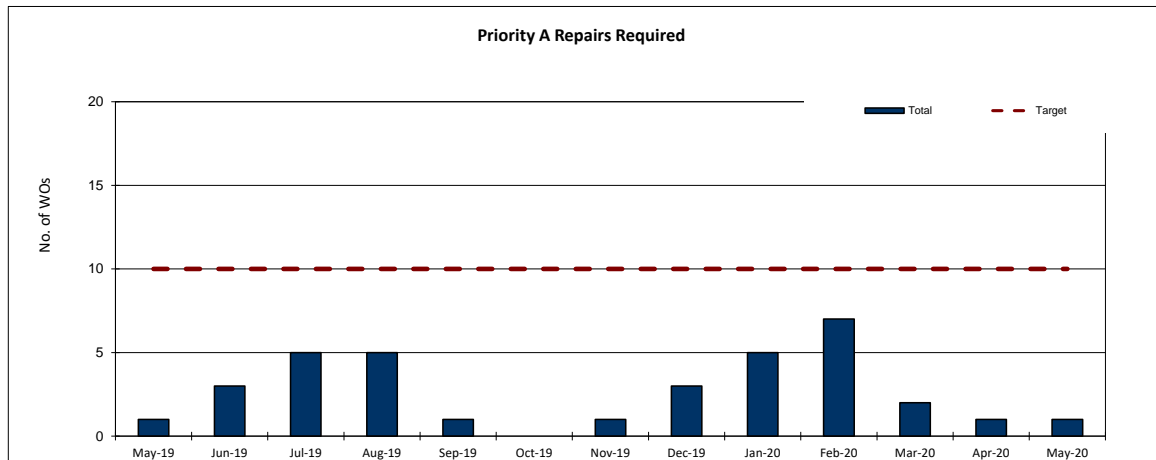
Progress/Accomplishments

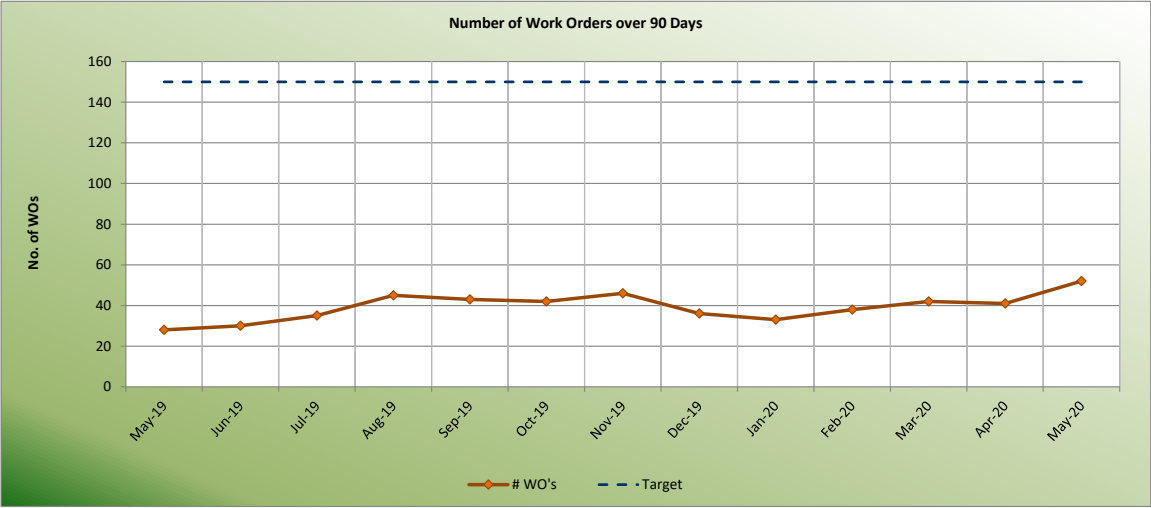
- Completed 98.38% of preventive maintenance activities for the month of May
- Completed 101 corrective maintenance work orders for the month of May
- Overhaul of West Degritter
- Painting of CS concrete saw trailer
- MVSA shutdown
- Cogen 1 2k service
- Installation and wiring of NPS sewage pump 6 (chopper)

Future Planning

- Cogen 2 2k service
- Cogen 1 Innercooler replacement
- Installation of strainer on IPS Ferrous lines
- 4" 4water valve replacement for reclaim
- IPS Ferrous injections modifications for upper header

Performance Measurements





**Treatment & Disposal
Activities Report
May 2020**

Progress/Accomplishments

- Maintained 100% compliance with NPDES permits
- Completed 96% preventive maintenance activities for the month of May
- Created and submitted the 1st Quarter Recycling & Disposal Reporting System Report for CalRecycle
- Created and submitted NANI report
- Successfully executed a Plant Hydraulic and Electric Shutdown
- Provided annual information update to Bay Area Air Quality Management District (BAAQMD)
- Completed and tested LIMS to IPACS data transfer
- Laboratory successfully completed performance testing required for the ELAP certification process
- Attended the Calcium Thiosulfate Project workshop and reviewed the study report

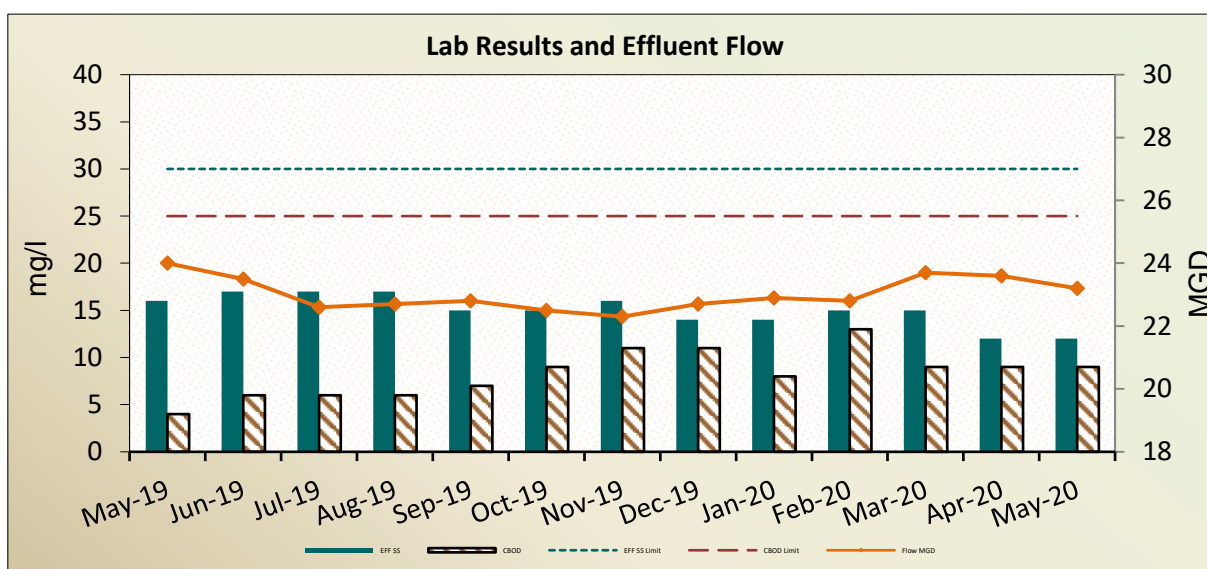
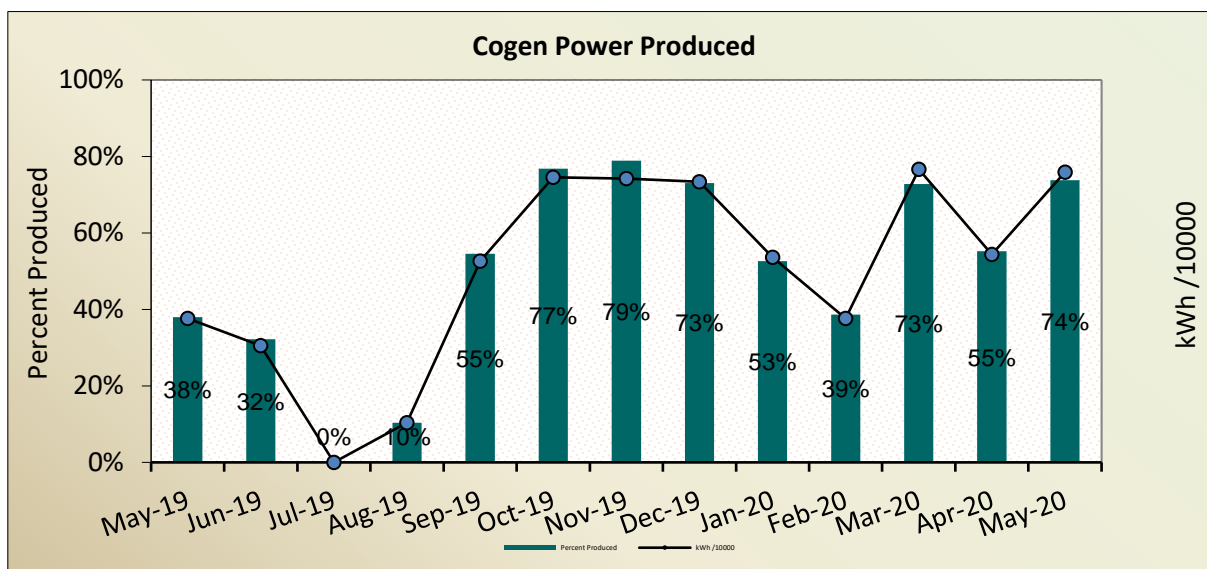
Future Planning

- Complete Operational Testing of the 3rd Headworks Bar Screen and train staff on its operation
- Attend the ETSU Phase 1A No. 4 Preliminary Evaluation Workshop and provide review comments
- Provide input on control room design, laboratory design and administrative area design as part of ETSU New Campus Project
- Submit annual SMR for the Old Alameda Creek
- Attend the quarterly BACWA Air Committee meeting
- Participate in the BACWA Permits and Laboratory Committee meeting
- Prepare Nutrient Watershed Permit report for the Hayward Marsh
- Revise the Wet Weather Emergency Outfall standard operating procedure
- Submit information requested as part of a remote BAAQMD audit of the treatment plant

Other

- Cogen system produced 74% of power consumed for the month of May

Performance Measurements



USD's Final Effluent Monthly Monitoring Results				
Parameter	EBDA Limit	Mar-20	Apr-20	May-20
Copper, µg/l	78	5.1	5.6	6.8
Mercury, µg/l	0.066	0.0023	0.0044	0.0024
Cyanide, µg/l	42	E 1.3	< 0.9	E 1.5
Ammonia- N, mg/L (Range)	130	39 - 45	39.4 - 51.4	42 - 45.7
Fecal Coliform, MPN/100ml (Range)				
• 5-Day Geometric Mean	500	20 - 40	19 - 33	13 - 15
• 11-Sample 90th Percentile	1100	61 - 96	58 - 69	26 - 58
Enterococci				
• Monthly Geometric Mean	240	17.9	16.0	15.6

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

**6/22/20
BOARD OF DIRECTORS MEETING
AGENDA ITEM #8**

TITLE: **Public Hearing to Consider Collection of Sewer Service Charges on the Tax Rolls for Fiscal Year 2021 and Adoption of a Resolution Electing to Collect Sewer Service Charges on the Tax Rolls**
(This is a Motion Item)

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

Recommendation

Conduct a public hearing and receive oral or written protests to the proposal to collect sewer service charges on the tax rolls, and if a majority protest is not received, adopt a Resolution Electing to Collect Sewer Service Charges on the Tax Rolls for FY 2021.

Previous Board Action

The Board directed staff to schedule a public hearing to consider collecting sewer service charges for fiscal year 2021 on the tax rolls at a Board meeting on June 8, 2020.

Background

On May 11, 2020, the Board approved sewer service charge rates for fiscal years 2021 through 2025. On June 8, 2020, the Board directed staff to schedule a public hearing on June 22, 2020 regarding collection of sewer service charges on the tax rolls. The District has collected sewer service charges on the general Alameda County tax rolls for many years; however, the Board must hold a public hearing annually to consider and reauthorize collection of the sewer service charges on the tax rolls.

The procedures required for the collection of sewer service charges on the tax rolls are set forth in California Health and Safety Code sections 5473 et seq. Pursuant to these procedures, the District may authorize the collection of sewer service charges for fiscal year 2021 to be collected on the tax rolls, consistent with past practices, by:

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

Staff prepared the report setting forth the sewer service charges to be assessed on each parcel in the District for fiscal year 2021 and filed the report with the Board Clerk. The report has been available for public inspection at the Districts offices, and staff published notice of the filing of the report and the public hearing to consider the report 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.

After considering any objection and protests to the report, the Board has the option of revising, changing, or modifying any charge specified in the report or overruling and all objections and adopting the report. As of the publishing of this staff report, the District has not received any protests.

Staff recommends the Board take the following actions:

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

Attachments

- a. Proof of Publication; Tri City Voice and Argus newspapers
- b. Resolution Electing to Collect Sewer Service Charges on Tax Rolls for Fiscal Year 2021

Argus

c/o Bay Area News Group-East Bay
41424 Christy St.
Fremont, CA 94538
510-403-4483
2054283

UNION SANITARY DISTRICT
ATTN: ACCOUNTS PAYABLE
5072 BENSON ROAD
PO BOX 5050 94587-8550
UNION CITY, CA 945870000

PROOF OF PUBLICATION

Legal No.

0006488258

In the matter of

Argus

The Argus

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

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

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

06/05/2020, 06/12/2020

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

Dated: June 11, 2020



Public Notice Advertising Clerk

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.

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

WHATS HAPPENINGS TRI CITY VOICE

This space for filing stamp only

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

ARIEL TEIXIERA
UNION SANITARY DISTRICT/ACCT AND FINANCE
5072 BENSON ROAD
UNION CITY, CA - 94587

CNS#: 3368608

**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**

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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 District's website.

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.

By order of the Board of Directors of Union Sanitary District.
6/9, 6/16/20

CNS-3368608#

PROOF OF PUBLICATION

(2015.5 C.C.P.)

State of California)
County of ALAMEDA) ss

Notice Type: GPN - GOVT PUBLIC NOTICE

Ad Description:

NOTICE OF FILING REPORT AND PUBLIC HEARING IN

I am a citizen of the United States and a resident of the State of California; I am over the age of eighteen years, and not a party to or interested in the above entitled matter. I am the principal clerk of the printer and publisher of the WHATS HAPPENINGS TRI CITY VOICE, a newspaper of general circulation in the city of Union City, county of Alameda as defined by the laws of the State of California by the Superior Court of the County of Alameda, State of California under date 05/02/2008, case no. FG08374520. That the notice, of which the annexed is a printed copy, has been published in each regular and entire issue of said newspaper and not in any supplement thereof on the following dates, to-wit:

06/09/2020, 06/16/2020

Executed on: 06/16/2020
At Los Angeles, California

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



Signature



Email

RESOLUTION NO. _____

**RESOLUTION OF THE UNION SANITARY DISTRICT BOARD OF DIRECTORS
ELECTING TO COLLECT SEWER SERVICE CHARGES ON TAX ROLLS FOR
FISCAL YEAR 2021**

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

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

WHEREAS, the District Board of Directors directed the preparation of a written report on Sewer Service Charges for Collection on Tax Rolls for Fiscal Year 2021, which was duly prepared and filed with the Board Clerk (the "Report"); and

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

WHEREAS, the District Board of Directors, at its regular meeting of June 22, 2020, held a hearing on the Report, where the Board heard and considered all objections or protests, and protests from a majority of owners of separate parcels was not received.

NOW, THEREFORE, IT IS RESOLVED AS FOLLOWS:

1. All recitals above are true and incorporated by reference herein.
2. The Board finds that objections to and protests against the Report were not made by the owners of a majority of the separate parcels of property within the District against which sewer service charges for the services and facilities provided by the District were fixed.
3. The Board further finds that all objections to and protests have been heard by this Board and that any objections and protests are hereby overruled.
4. The Report is hereby adopted in full without revision, change, reduction, or modification, and sewer service charges based upon these rates and the sewer service charges for fiscal year 2021 shall be collected on the tax roll of the County of Alameda in the manner provided by law.
5. The Board Clerk is hereby directed to file with the County Auditor of Alameda County, a certified copy of the Report and this Resolution stating that the Report has been adopted by the District Board of Directors.
6. The Auditor Controller of the County of Alameda shall, upon receipt of a copy of the Report showing the amounts of the charges based upon adopted rates, enter the amounts of the charges against the respective lots or parcels as they appear on the current assessment roll for fiscal year 2021.

I hereby certify that the foregoing Resolution was duly and regularly adopted and passed by the Board of Directors of the UNION SANITARY DISTRICT, Alameda County, California, at a meeting thereof held on the 22nd day of June, 2020.

AYES:

NOES:

ABSENT:

ABSTAIN:

TOM HANDLEY, President
Board of Directors Union Sanitary District

ATTEST:

ANJALI LATHI, Secretary
Board of Directors Union Sanitary District

**Directors**

Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

Officers

Paul R. Eldredge
*General Manager/
District Engineer*

Karen W. Murphy
Attorney

**JUNE 22, 2020
BOARD OF DIRECTORS MEETING
AGENDA ITEM #9**

TITLE: **Consider Approving 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 Team Coach

Recommendation

Review and consider adoption of the Proposed Operating and CIP Budget for Fiscal Year 2021.

Previous Board Action

May 12, 2020 – The Board discussed the draft FY21 Operating and CIP budget at a Board Workshop.

June 8, 2020 – At a Board meeting, the Board reviewed a draft version of the FY21 Operating and CIP budget.

Background

Attached for your review is the Proposed Operating and CIP Budget for FY 2021. This budget reflects the Board's input and revisions made to the information presented after the Budget Workshop on May 12, 2020, and the Board meeting on June 8, 2020.

The FY 2021 Budget Summary

- No material change to SSC Total Revenues (due to deferral of collection of residential FY21 adopted rate increase)
- An increase in Total Expenditures of 34.4%, mostly attributable to the CIP budget
- An increase in the Operating Budget of 6.2%

This document also reflects the following changes since the May 12th Budget Workshop and draft budget discussion at the June 8, 2020 Board Meeting:

- Removal of the Cost of Service Analysis from special projects (\$85,000)
- Changes to the special projects budgeted value for the Old Alameda Creek Forcemain Geotech Investigation project (from \$0 to \$100,000)
- The addition of the Non-Residential Billing (NRB) project to the Over \$100K listing (\$125,000 – this expenditure was already included in the budget. It is just being added to the over \$100k list)
- The removal of the Permit Tracking System (PTS) Replacement project from the budget and the Over \$100k list (\$112,500)
- The reduction of the SharePoint Upgrade project total from \$135,000 to \$122,500 due to an updated estimate

Attachment:

Proposed Operating and CIP Budget for Fiscal Year 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.

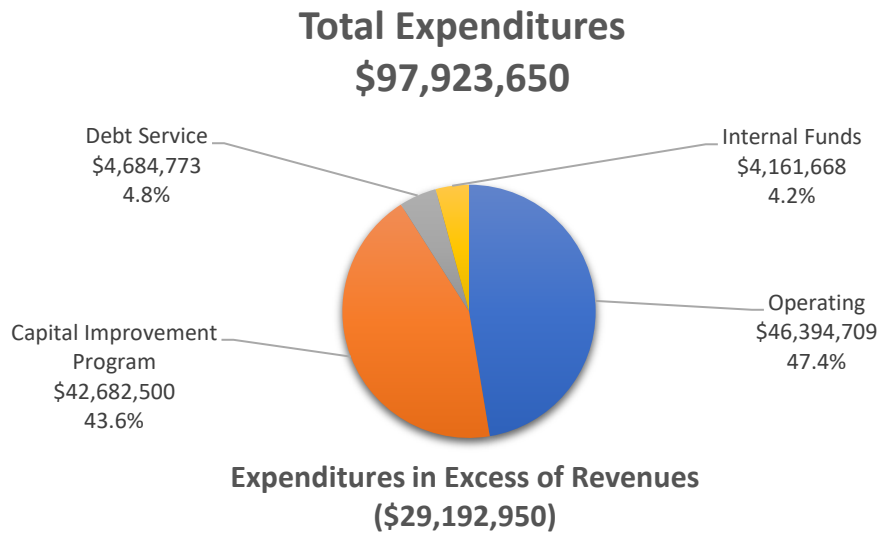
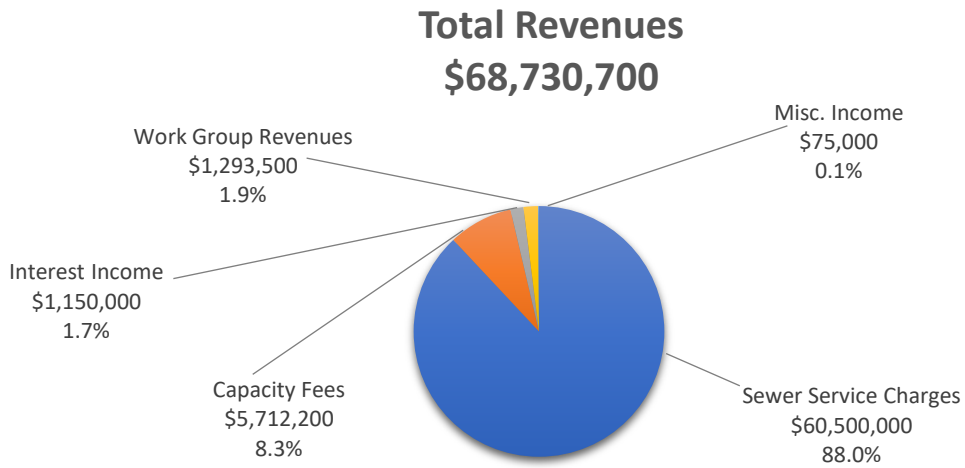
The District's investment portfolio continues to perform well, providing interest income monthly which helps cover operating expenses.

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.



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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	122,500
Non Residential Billing	125,000
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, Services, Equipment
Renewal/Replacement and Projects Renewal/Replacement
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	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
Information Systems Renewal/Replacement:	
Back Up Target Servers	\$150,000
Total Information Systems Renewal & Replacement	\$150,000
Information Systems Projects:	
Non Residential Billing Replacement (NRB) Farallon Geographics Inc	\$125,000
Share Point Upgrade Project	\$122,500
Total Information Systems Projects	\$247,500

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 Building (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	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	2,950
Total 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	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	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	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	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	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
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	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
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

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		Hayward Marsh Decommissioning		100	1,000								1,100											1,100
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 Impr	300	1,800	975								3,075											3,075
900	50	2	Design	Newark and Irvington PS Chemical System Impr	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	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	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	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	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	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 Improve	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	2,000	2,900									4,900											4,900
900	50	2	Constr	Alvarado Influent PS Improvements	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

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. 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
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											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) Sesmic Upgrade			550	4,000	1,810						6,360											6,360
900		1		Primary Clarifier (1 - 4) Sesmic Upgrade											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

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		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		1	Des/Constr	Standby Power Generation System Upgrade	1,000	14,000	12,000	6,000							33,000											33,000
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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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
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

**Directors**

Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

Officers

Paul R. Eldredge
*General Manager/
District Engineer*

Karen W. Murphy
Attorney

**JUNE 22, 2020
BOARD OF DIRECTORS MEETING
AGENDA ITEM # 10**

TITLE: Consider a Resolution to Accept a Sanitary Sewer Easement for Tract 8157 – Lighthouse, Located at Willow Street and Seawind Way, in the City of Newark
(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 8157 – Lighthouse, located at Willow Street and Seawind Way, in the city of Newark.

Previous Board Action

None.

Background

The developer, Lennar Homes of California, Inc., is constructing a residential development consisting of 88 townhomes for Tract 8175, located at Willow Street and Seawind Way, in the city of Newark. 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 Seawind Way. The roadways of the development do not meet the City of Newark's street dimensions and structure setback requirements for public streets and were, therefore, designated as private. Lennar

Homes of California, Inc., has constructed the new 8-inch sewer mains and has granted the District sanitary sewer easements that provide for access and maintenance of the new sewer mains.

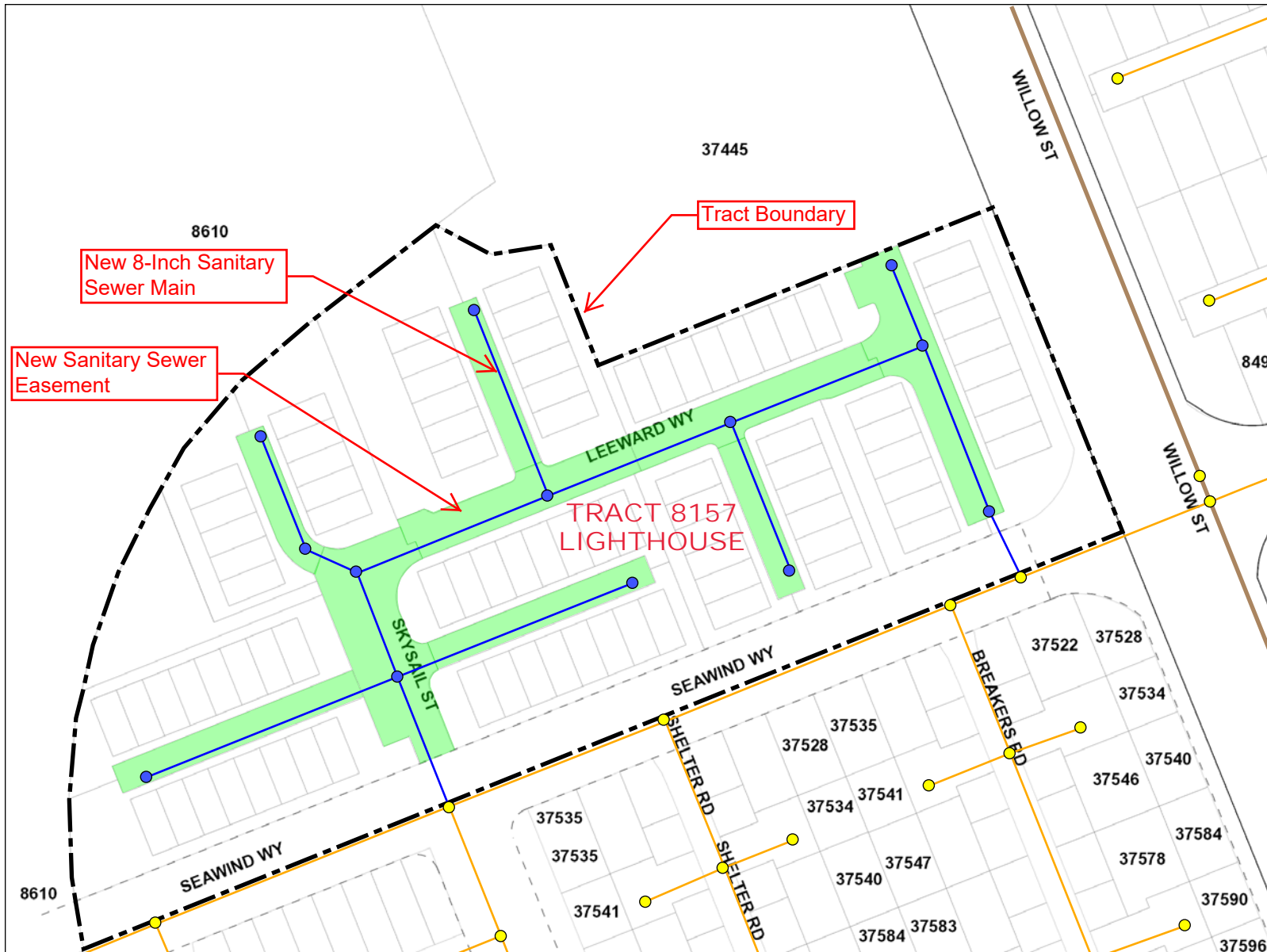
District staff has reviewed the legal description and plat map of the easement, as well as the Grant of Easement, and recommends approval.

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 8157 - Lighthouse, Newark



Legend

Sewer Manholes

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

Sewer Mains

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

Railroad / BART

- <all other values>
- BART

- Public Right of Way
- Private Right of Way

Sewer Easements

Parcels

- <all other values>
- Alameda Cnty Flood Cntrl

104.2 0 52.08 104.2 Feet

1: 1,250

Printed: 3/26/2021 1:14 PM



For USD use only

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

Notes

RESOLUTION NO. _____

**ACCEPT A SANITARY SEWER EASEMENT FOR
TRACT 8157 – LIGHTHOUSE, LOCATED AT WILLOW STREET
AND SEAWIND WAY, IN THE CITY OF NEWARK, CALIFORNIA**

RESOLVED by the Board of Directors of UNION SANITARY DISTRICT, that it hereby accepts the Grant of Easement from LENNAR HOMES OF CALIFORNIA, INC., executed on January 19, 2017, 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 execute the acceptance of the Grant of Easement and attend to the recordation thereof.

On motion duly made and seconded, this resolution was adopted by the following vote on June 22, 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

LENNAR HOMES OF CALIFORNIA, INC.

AND

UNION SANITARY DISTRICT

Effective Date: June 22, 2020

CERTIFICATE OF ACCEPTANCE

(Grant of Easement)

This is to certify that the interest in real property conveyed by the Grant of Easement for Sanitary Sewer Purposes, dated January 19th, 2017, from LENNAR HOMES OF CALIFORNIA, INC., to UNION SANITARY DISTRICT, an independent special district ("**District**"), is hereby accepted by the undersigned officer or agent on behalf of the District pursuant to authority conferred by Resolution No. _____, dated June 22, 2020, and the District consents to recordation thereof by its duly authorized officer.

Date: June __, 2020

District

UNION SANITARY DISTRICT

Paul R. Eldredge, General Manager

ACKNOWLEDGMENT

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

State of California)
) ss
County of Alameda)

On _____, 2020, before me, Regina Dyan McEvoy,
(Name of Notary)

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

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

WITNESS my hand and official seal.

(Notary Signature)

GRANT OF EASEMENT

FOR SANITARY SEWER PURPOSES

THIS INDENTURE, made this 19 day of JANUARY 2017, by and between LENNAR HOMES OF CALIFORNIA, INC., the Party/~~Parties~~ of the First Part, and UNION SANITARY DISTRICT, the Party of the Second Part,

WITNESSETH:

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

See Exhibit "A" and Exhibit "B"

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

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



Signature

By: BRIAN OLIN, VICE PRESIDENT
(Print or type name and title of signatory)

Lennar Homes of California, Inc.

(Notarize)

CALIFORNIA CERTIFICATE OF ACKNOWLEDGMENT

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

State of California)

County of Contra Costa)

On January 19, 2017 before me, Lisa McRae, Notary Public,
(here insert name and title of the officer)

personally appeared Brian Olin

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.

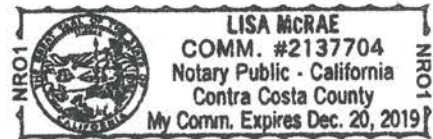
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature

Lisa McRae

(Seal)



Optional Information

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

Description of Attached Document

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

containing _____ pages, and dated _____

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

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

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

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

Additional Information

Method of Signer Identification

Proved to me on the basis of satisfactory evidence:

☐ form(s) of identification ☐ credible witness(es)

Notarial event is detailed in notary journal on:

Page # _____ Entry # _____

Notary contact: _____

Other

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

☐ _____

**EXHIBIT A
LEGAL DESCRIPTION
SANITARY SEWER EASEMENT CONVEYED TO UNION SANITARY DISTRICT
TRACT 8157
NEWARK, CALIFORNIA**

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

BEING ALL OF PARCELS B, C, D, E, F, G, H, I AND J AND A PORTION OF LOTS 8 AND 9, LABELED AS SSE - SANITARY SEWER EASEMENT, OF TRACT 8157 RECORDED DECEMBER 20, 2016, FILED IN BOOK 345 OF MAPS AT PAGES 30-35, ALAMEDA COUNTY RECORDS AND SHOWN ON EXHIBIT B - PLAT MAP OF SANITARY SEWER EASEMENT GRANTED TO UNION SANITARY DISTRICT.

CONTAINING 38,790 SQUARE FEET OF LAND, MORE OR LESS.

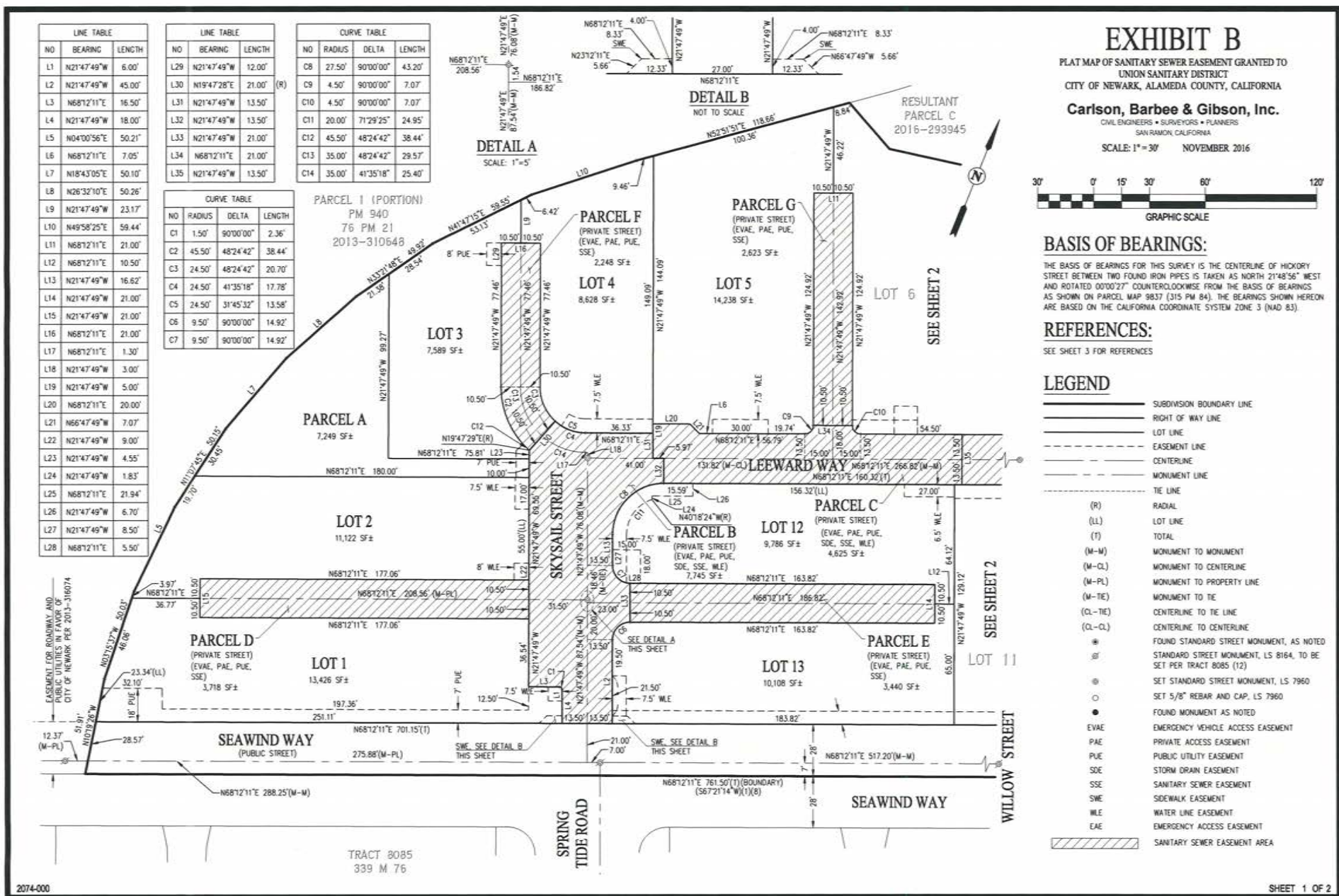
ATTACHED HERETO IS A PLAT TO ACCOMPANY LEGAL DESCRIPTION, AND BY THIS REFERENCE MADE A PART HEREOF.

END OF DESCRIPTION




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

1/9/17



Original map may be found at USD, 5072 Benson Road, Union City, CA 94587

REFERENCES:

- (#) INDICATES REFERENCE NUMBER
- (1) PARCEL MAP 995 (76 PM 55)
- (2) MAP OF THE TOWN OF NEWARK (17 M 10)
- (3) PARCEL MAP 940 (76 PM 21)
- (4) PARCEL MAP 7505 (252 PM 81)
- (5) PARCEL MAP 1130 (105 PM 92)
- (6) PARCEL MAP 1471 (84 PM 23)
- (7) RECORD OF SURVEY NO. 640 (11 RS 81)
- (8) PARCEL MAP 1689 (87 PM 58)
- (9) PARCEL MAP 9837 (315 PM 84)
- (10) DEED (2013-310645)
- (11) DEED (2013-310647)
- (12) TRACT 8085 (339 M 76)



EXHIBIT B

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

Carlson, Barbee & Gibson, Inc.

CIVIL ENGINEERS • SURVEYORS • PLANNERS
SAN RAMON, CALIFORNIA

SCALE: 1"=30' NOVEMBER 2016



BASIS OF BEARINGS:

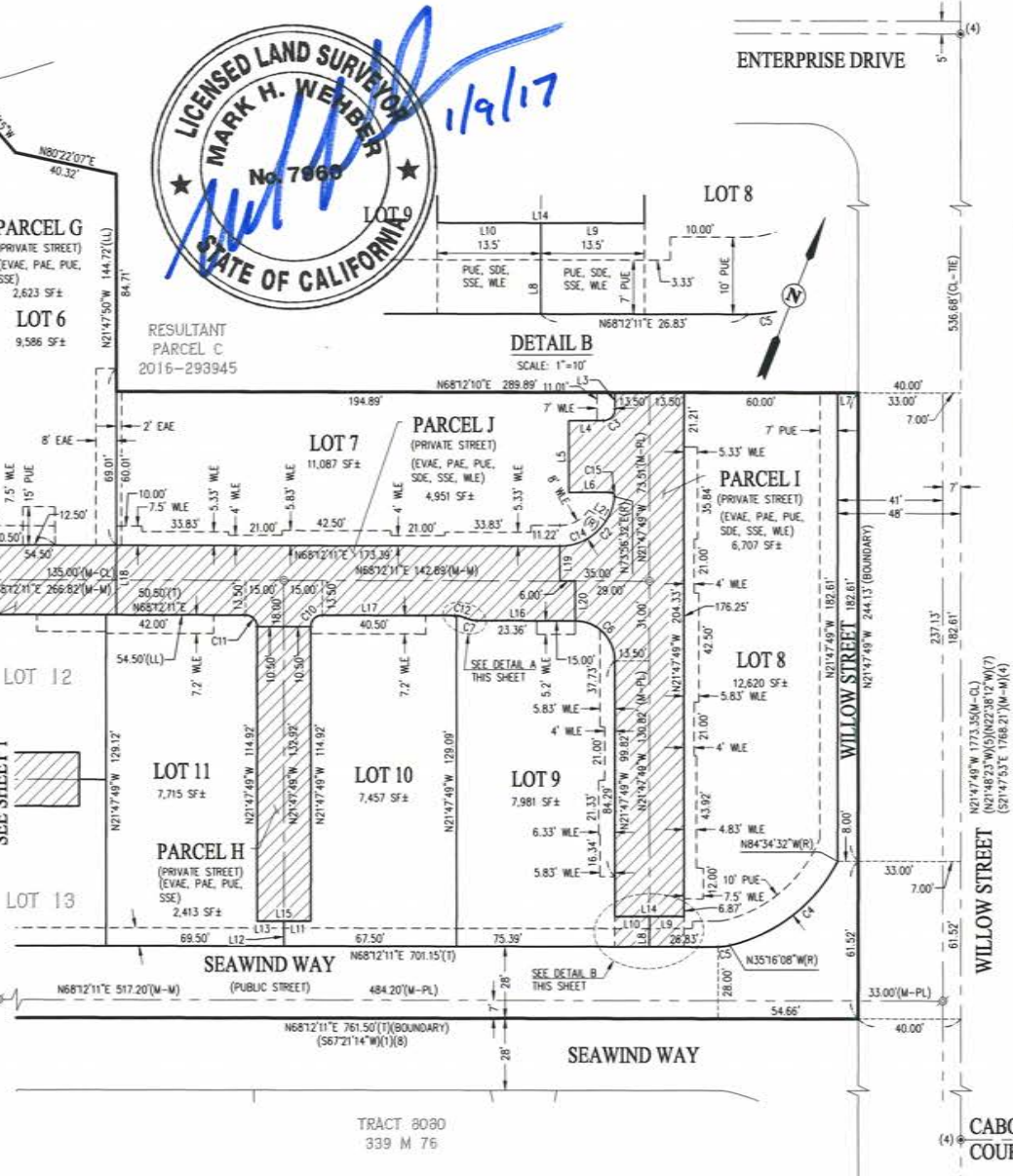
THE BASIS OF BEARINGS FOR THIS SURVEY IS THE CENTERLINE OF HICKORY STREET BETWEEN TWO FOUND IRON PIPES IS TAKEN AS NORTH 21°48'56" WEST AND ROTATED 0°00'27" COUNTERCLOCKWISE FROM THE BASIS OF BEARINGS AS SHOWN ON PARCEL MAP 9837 (315 PM 84). THE BEARINGS SHOWN HEREON ARE BASED ON THE CALIFORNIA COORDINATE SYSTEM ZONE 3 (NAD 83).

LEGEND

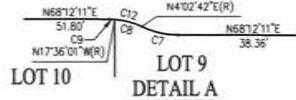
- SUBDIVISION BOUNDARY LINE
- RIGHT OF WAY LINE
- LOT LINE
- EASEMENT LINE
- CENTERLINE
- MONUMENT LINE
- TIE LINE
- (R) RADIAL
- (LL) LOT LINE
- (T) TOTAL
- (M-M) MONUMENT TO MONUMENT
- (M-CL) MONUMENT TO CENTERLINE
- (M-PL) MONUMENT TO PROPERTY LINE
- (M-TIE) MONUMENT TO TIE
- (CL-TIE) CENTERLINE TO TIE LINE
- (CL-CL) CENTERLINE TO CENTERLINE
- FOUND STANDARD STREET MONUMENT, AS NOTED
- STANDARD STREET MONUMENT, LS 8164, TO BE SET PER TRACT 8085 (12)
- SET STANDARD STREET MONUMENT, LS 7960
- SET 5/8" REBAR AND CAP, LS 7960
- FOUND MONUMENT AS NOTED
- EVAE EMERGENCY VEHICLE ACCESS EASEMENT
- PAE PRIVATE ACCESS EASEMENT
- PUE PUBLIC UTILITY EASEMENT
- SDE STORM DRAIN EASEMENT
- SSE SANITARY SEWER EASEMENT
- SWE SIDEWALK EASEMENT
- WLE WATER LINE EASEMENT
- EAE EMERGENCY ACCESS EASEMENT
- SANITARY SEWER EASEMENT AREA

LINE NO.	BEARING	LENGTH
L1	N52°51'51"E	8.84'
L2	N68°12'11"E	21.00'
L3	N21°47'49"W	6.51'
L4	N68°12'11"E	13.50'
L5	N21°47'49"W	28.00'
L6	N68°12'11"E	16.40'
L7	N68°12'10"E	8.00'
L8	N21°47'49"W	11.79'
L9	N68°12'11"E	13.50'
L10	N68°12'11"E	13.50'
L11	N68°12'11"E	10.50'
L12	N21°47'49"W	9.70'
L13	N68°12'11"E	10.50'
L14	N68°12'11"E	27.00'
L15	N68°12'11"E	21.00'
L16	N68°12'11"E	38.36'
L17	N68°12'11"E	51.80'
L18	S21°47'49"E	27.00'
L19	S21°47'49"E	13.50'
L20	N21°47'49"W	15.50'
L21	N78°41'02"W	8.00'

CURVE NO.	RADIUS	DELTA	LENGTH
C1	4.50'	90°00'00"	7.07'
C2	21.50'	84°15'39"	31.62'
C3	4.50'	90°00'00"	7.07'
C4	64.00'	49°18'24"	55.08'
C5	20.00'	132°8'19"	4.70'
C6	15.50'	90°00'00"	24.35'
C7	10.50'	25°50'31"	4.74'
C8	9.50'	21°38'43"	3.58'
C9	9.50'	47°1'48"	0.70'
C10	4.50'	90°00'00"	7.07'
C11	4.50'	90°00'00"	7.07'
C12	9.50'	25°50'31"	4.28'
C13	4.50'	90°00'00"	7.07'
C14	21.50'	56°53'13"	21.35'
C15	1.50'	95°44'21"	2.51'



CABOT COURT



SHEET 2 OF 2

Original map may be found at USD, 5072 Benson Road, Union City, CA 94587



Summary of the EBDA Commission Meeting
Thursday, May 21, 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 Walters moved to approve the Commission Meeting Minutes of April 16, 2020, List of Disbursements for April 2020, the April 2020 Treasurer's Report, and Third Quarter Expense Summary for FY 2019/2020. The motion was seconded by Commissioner Johnson 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) requested feedback on continuing use of colored paper for hard-copy agenda packets. The Commissioners concurred that white paper is fine for future packets. The GM reported that an agreement transferring ownership of the San Leandro Effluent Pump Station and associated pipeline segment to the City of San Leandro is being drafted, and that the Authority will be ready for all changes included in the Amended and Restated JPA to take effect on July 1st 2020. The GM reported back on a question from last month, noting that the Authority's attorneys had drafted a memo concluding that Prop 218 does not apply to the Authority's brine project opportunity. Lastly, the GM provided an update on the HASPA Shoreline Master Plan; the GM will send information from HASPA's website summarizing the status of the project.
- **Managers Advisory Committee (MAC)** met on May 14, 2020. The GM deferred the items discussed with the MAC, see the Report from the Financial Management Committee below.
- **Financial Management Committee** met on May 18, 2020. The Committee reviewed the List of Disbursements and Treasurer's Report for April, and Third Quarter Expense Summary and recommended approval. The GM reported that EBDA is currently under budget for the year. The GM summarized informational items included in the agenda including the 2019 State Controller Report, adoption of Wells Fargo's fraud prevention services for the Authority's bank accounts, and an annual review of the Authority's Internal Controls & Fraud Prevention and Reporting Policies. The Committee concurs with staff's recommendation not to amend these policies. The Committee also recommended reviewing the Authority's banking practices to evaluate whether any alternative financial institutions, including small local institutions, can meet the Authority's needs.

The Brine Policy was discussed with the MAC and the Finance Committee. The item will continue to be reviewed by the MAC to further discuss appropriate allocations of potential brine revenue and brought back to the Committee for review. The Committee and the MAC also reviewed the status of the LAVWMA negotiation; the Committee and MAC recommend an additional six-month extension with a 30% premium added after three months to LAVWMA's operations & maintenance fees.

- **Operations and Maintenance (O&M) Committee** – The Operations and Maintenance Committee met on May 19, 2020 and discussed the status of the EBDA facilities. The O&M Manager reviewed NPDES Compliance for March and preliminary data for April and provided an update on current projects. At AEPS, the center pole portion of the Pump No. 2 VFD transformer failed, and EBDA is in the process of obtaining quotes to replace the part. At HEPS, the MCC building stairs and the generator platform were installed. The only remaining item for the HEPS MCC Project is staff training, which will be implemented as the Shelter-in-Place mandate evolves.

At OLEPS, on May 7th the new breaker and MCC bucket completing the backup power connection to OLSD were installed. On May 19th the new speed switch for the generator was installed. New paving was done around the captor tank at EBDA's dechlorination system at OLSD to improve safety and new windows were installed at the EBDA Operations Center.

The GM gave an update on current COVID-19 safety practices for Authority staff, as well as EBDA's potential involvement in conducting influent testing for the SARS-CoV-2 virus in wastewater. Virus levels in influent could be useful in understanding and predicting community outbreaks of COVID-19. Research and efforts to scale up this practice, known as wastewater-based epidemiology, are underway.

The O&M Manager reviewed the reports in the agenda from the May 6th bypass and May 12th recycled water leak incidents at OLEPS and the Skywest pipeline, respectively. EBDA thanked staff at Hayward and USD for their quick response in reducing their flow, and to OLSD's operator for their help in responding to the incident on May 6th. EBDA staff and member agencies are looking into improvements that would reduce the potential for future incidents. The O&M manager also thanked staff from across OLSD's departments for their rapid and thorough response to the May 12th incident.

Finally, the O&M Manager reviewed the draft Renewal & Replacement Fund Project List for FY 2020/2021, which the Committee recommends for approval.

- **Report from the Personnel Committee**

The Personnel Committee met on May 19, 2020 and discussed the agenized items. The GM reviewed the Committee Preference Form for the Commission and asked for input on the draft Rules of the Commission which will be brought back to the Commission for approval via Resolution. The Committee and Commission recommended continuation of Item No. 24 pending further discussion on Cost of Living Adjustments.

- **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

- **Fiscal Year 2020/2021 Commission Chair Rotation.**

Chair Cutter moved to approve the rotation of the Commission Chair for Fiscal Year 2020/2021. The motion was seconded by Commissioner Johnson and carried unanimously, 5-0 by roll call vote.

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

- **Resolution Adopting the East Bay Dischargers Authority's Fiscal Year 2020/2021 Budget and Appointing the General Manager to the Position of Treasurer.**

Commissioner Lamnin moved to approve the Resolution adopting EBDA's Fiscal Year 2020/2021 Budget and appointing the GM as Treasurer with the modification that the Special Studies line item for LIMS be moved to the O&M budget. The motion was seconded by Commissioner Johnson and carried unanimously, 5-0 by roll call vote.

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

- **Resolution Approving an Increase to the Annual Contribution to the Renewal and Replacement Fund for Fiscal Year 2020/2021 to the Amount of \$750,000.**

Commissioner Walters moved to adopt the Resolution increasing the annual contribution to the Renewal and Replacement Fund to \$750,000. The motion was seconded by Chair Cutter 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 Suspend Recycled Water Charges to Hayward Area Recreation and Park District (HARD) for Skywest Golf Course for May and June 2020.**

Commissioner Handley moved to adopt the Resolution authorizing the GM to suspend charges to HARD for Skywest Golf Course for May and June 2020. 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

- **Resolution Establishing the Price of Recycled Water for Skywest Golf Course in Fiscal Year 2020/2021.**

Commissioner Johnson moved to adopt the Resolution establishing the price of recycled water for Skywest Golf Course in FY 2020/2021. The motion was seconded by Commissioner Lamnin and carried unanimously, 5-0 by roll call vote.

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

- **Resolution Approving Revisions to the Authority's Investment Policy.**

Commissioner Walters moved to adopt the Resolution approving revisions to the investment policy. 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 a Credit to the City of San Leandro for Capital Reimbursements in the Amount of \$114,227.**

Commissioner Walters moved to adopt the Resolution authorizing the GM to issue a credit to the City of San Leandro for capital reimbursements in the amount of \$114,227. The motion was seconded by Commissioner Johnson 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 a Purchase Order to R&B Company for a 60-Inch Romac Encapsulating Force Main Repair Coupling in the Amount of \$61,727.**

Commissioner Lamnin moved to adopt the Resolution authorizing the GM to issue a purchase order to R&B Company in the amount of \$61,727. 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 a Purchase Order to Miller Pipeline for Flexible Internal Force Main Seals in the Amount of \$32,645.**

Commissioner Johnson moved to adopt the Resolution authorizing the GM to issue a purchase order to Miller Pipeline in the amount of \$32,645. The motion was seconded by Chair Cutter and carried unanimously, 5-0 by roll call vote.

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

Noes: None
Absent: None
Abstain: None

- **Resolution Adopting the Amended Fiscal Year 2019/2020 Compensation Plan.**

Commissioner Lamnin moved to adopt the Resolution amending the Fiscal Year 2019/2020 Compensation Plan. The motion was seconded by Commission 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 Adopting the Fiscal Year 2020/2021 Compensation Plan.**

Item continued until June Commission meeting.

- **Items from Commission and Staff** - Chair Cutter thanked the Commissioners for their flexibility in moving the meeting and Commissioner Walters commended the GM for her attention to potential ways EBDA may be able to help track and/or moderate the current COVID-19 pandemic via wastewater testing.

**Directors**

Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

Officers

Paul R. Eldredge
*General Manager/
District Engineer*

Karen W. Murphy
Attorney

**JUNE 22, 2020
BOARD OF DIRECTORS MEETING
AGENDA ITEM # 12**

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.

**UNION SANITARY DISTRICT
CHECK REGISTER
05/30/2020-06/12/2020**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
174695	6/4/2020	143	200282	OVERAA	PRIMARY DIGESTER NO. 7	\$1,106,275.00	\$1,106,275.00
174681	6/4/2020	143	900502.1	KIEWIT INFRASTRUCTURE WEST CO	HEADWORKS SCREENS REPLACEMENT	\$199,500.00	\$740,263.75
	6/4/2020	143	800526.1		PRIMARY DIGESTER NO. 2 REHABILITATION	\$540,763.75	
174751	6/11/2020	143	201180024	HAZEN AND SAWYER	MP - AERATION BASIN MODIFICATIONS	\$232,420.84	\$232,420.84
174731	6/11/2020	143	11373269	BROWN & CALDWELL CONSULTANTS	STANDBY POWER SYSTEM UPGRADE	\$206,907.51	\$206,907.51
174667	6/4/2020	143	187203	CAROLLO ENGINEERS	TREATMENT PLANT IT NETWORK MASTER PLAN	\$2,457.20	\$100,856.39
	6/4/2020	143	187339		AERATION BLOWER 11 (HIGH SPEED)	\$17,350.70	
	6/4/2020	143	187371		PRIMARY DIGESTER NO. 2 REHABILITATION	\$11,945.78	
	6/4/2020	143	187340		CHERRY ST. PS	\$13,879.71	
	6/4/2020	143	186956		WAS THICKENERS	\$39,014.08	
	6/4/2020	143	187027		ALVARADO INFLUENT PS PUMPS AND VFDS	\$16,208.92	
174682	6/4/2020	143	900468.8	KIEWIT INFRASTRUCTURE WEST CO	3RD SLUDGE DEGRITTER SYSTEM	\$87,925.65	\$87,925.65
174696	6/4/2020	143	200282E	OVERAA	PRIMARY DIGESTER NO. 7 - ESCROW PYMT	\$58,225.00	\$58,225.00
174663	6/4/2020	143	154669	BROWN & CALDWELL CONSULTANTS	PRIMARY DIGESTER NO. 7	\$45,138.45	\$45,138.45
174779	6/11/2020	143	176522	WOODARD & CURRAN INC	OLD ALAMEDA CREEK ROWB	\$21,816.00	\$31,126.50
	6/11/2020	143	176523		IRVINGTON BASIN MASTER PLAN UPDATE	\$9,310.50	

**UNION SANITARY DISTRICT
CHECK REGISTER
05/30/2020-06/12/2020**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
174761	6/11/2020	170	096020200602	PACIFIC GAS AND ELECTRIC	SERV TO 06/01/2020 CATHODIC PROJECT	\$49.14	\$25,693.90
	6/11/2020	110	224720200529		SERV TO 05/21/20 CS TRAINING TRAILER	\$485.31	
	6/11/2020	170	761520200527		SERV TO 05/26/20 NEWARK PS	\$24,842.11	
	6/11/2020	170	380420200602		SERV TO 06/01/20 CHERRY ST	\$317.34	
174746	6/11/2020	110	904455405	EVOQUA WATER TECHNOLOGIES	4342 GALS HYDROGEN PEROXIDE	\$23,922.03	\$23,922.03
174654	6/4/2020	143	14644	ALAMEDA COUNTY WATER DISTRICT	PURIFIED WATER FEASIBILITY EVALUATION	\$22,274.94	\$22,274.94
174745	6/11/2020		1650	ETHOSOFT INC	LABORATORY INFORMATION MGMT SYSTEM	\$18,990.00	\$18,990.00
174726	6/11/2020	143	4HH42	BAY AREA AIR QUALITY MGMT DIST	STANDBY POWER SYSTEM UPGRADE	\$14,323.00	\$14,323.00
174680	6/4/2020	110	9017672545	KEMIRA WATER SOLUTIONS INC	48,580 LBS FERROUS CHLORIDE	\$7,078.32	\$13,764.91
	6/4/2020	110	9017672890		46,800 LBS FERROUS CHLORIDE	\$6,686.59	
174686	6/4/2020	122	846924	MANSFIELD OIL CO OF GAINSVILLE	6079 GALS CARB-DYED DIESEL	\$11,161.90	\$11,161.90
174772	6/11/2020	110	48590564	UNIVAR SOLUTIONS USA INC	4800.5 GALS SODIUM HYPOCHLORITE	\$3,467.77	\$10,547.52
	6/11/2020	110	48590563		4901.4 GALS SODIUM HYPOCHLORITE	\$3,540.67	
	6/11/2020	110	48596486		4899.2 GALS SODIUM HYPOCHLORITE	\$3,539.08	
174709	6/4/2020	110	48588903	UNIVAR SOLUTIONS USA INC	4798.4 GALS SODIUM HYPOCHLORITE	\$3,466.26	\$10,402.39
	6/4/2020	110	48588902		4900 GALS SODIUM HYPOCHLORITE	\$3,539.65	
	6/4/2020	110	48583517		4701.8 GALS SODIUM HYPOCHLORITE	\$3,396.48	
174733	6/11/2020		6602	CAL SANITATION RISK MNGT AUTH	WC PAYROLL AUDIT 7/1/18 - 7/1/19	\$9,248.00	\$9,248.00
174684	6/4/2020		37432220200601	LINCOLN NATIONAL LIFE INS COMP	LIFE & DISABILITY INSURANCE - JUN 2020	\$8,700.35	\$8,700.35

**UNION SANITARY DISTRICT
CHECK REGISTER
05/30/2020-06/12/2020**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
174715	6/11/2020	170	2000348059	AECOM TECHNICAL SERVICES INC	HAZMAT CONSULTING SERVICES	\$8,110.37	\$8,110.37
174707	6/4/2020	110	20397935	TELEDYNE ISCO INC	1 SAMPLER	\$7,149.24	\$7,149.24
174753	6/11/2020	110	9017673749	KEMIRA WATER SOLUTIONS INC	46,820 LBS FERROUS CHLORIDE	\$6,777.69	\$6,777.69
174762	6/11/2020		33212	PREFERRED BENEFIT INSUR ADMINS	JUNE 2020 VSP STMT	\$3,161.00	\$6,774.51
	6/11/2020		33174		JUNE 2020 DELTA DENTAL STMT	\$3,613.51	
174670	6/4/2020	132	629	CPS HR CONSULTING	RECRUITING SERVICES-FEES/EXPENSES BS MGR/CFO	\$5,673.32	\$5,673.32
174664	6/4/2020		253864	BURKE, WILLIAMS & SORENSON LLP	CIP - MAR 2020	\$5,503.68	\$5,503.68
174778	6/11/2020	143	2041265	WEST YOST ASSOCIATES	GRAVITY SEWER REHAB/REPLACEMENT	\$5,249.32	\$5,249.32
174723	6/11/2020		14785860	AT&T	SERV: 04/20/20 - 05/19/20	\$20.89	\$4,123.76
	6/11/2020		14785862		SERV: 04/20/20 - 05/19/20	\$3,887.28	
	6/11/2020		14785884		SERV: 04/20/20 - 05/19/20	\$215.59	
174719	6/11/2020	121	35332	ALLIED FLUID PRODUCTS CORP	50 CAMLOCK FITTINGS	\$4,041.54	\$4,041.54
174691	6/4/2020	120	1040121	MISSION COMMUNICATIONS LLC	ANNUAL MANHOLE MONITOR SERVICE PACKAGE RNWL	\$3,638.40	\$3,638.40
174742	6/11/2020	170	13895	DIABLO BOILER & STEAM INC	FIREBOX REPAIRS	\$3,590.45	\$3,590.45
174764	6/11/2020	120	916004205438	REPUBLIC SERVICES #916	RECYCLE & ROLL OFF - JUNE 2020	\$3,589.77	\$3,589.77
174697	6/4/2020	170	013720200512	PACIFIC GAS AND ELECTRIC	SERV TO 05/05/20 BOYCE RD PS	\$3,405.49	\$3,431.78
	6/4/2020	170	140120200512		SERV TO 05/04/20 IRVINGTON PS	\$26.29	

**UNION SANITARY DISTRICT
CHECK REGISTER
05/30/2020-06/12/2020**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
174705	6/4/2020		1970411001	SAN LEANDRO ELECTRIC SUPPLY	ELECTRICAL	\$1,024.29	\$3,387.91
	6/4/2020		1972196001		ASTD ELECTRICAL SUPPLIES	\$1,949.26	
	6/4/2020		1970411002		ELECTRICAL	\$403.61	
	6/4/2020		1972196002		ASTD ELECTRICAL SUPPLIES	\$10.75	
174740	6/11/2020		10151	DALONGYI HOT POT RESTAURANT	REFUND # 24904	\$3,300.00	\$3,300.00
174775	6/11/2020		9855045668	VERIZON WIRELESS	WIRELESS SERV 04/21/20-05/20/20 & (6) IPADS	\$3,205.12	\$3,205.12
174728	6/11/2020	122	18835	BAYSCAPE LANDSCAPE MANAGEMENT	LANDSCAPE MAINTENANCE SERVICES - MAY 2020	\$3,120.00	\$3,120.00
174763	6/11/2020	170	22357	PRIME MECHANICAL SERVICE INC	SERVICE CALL: COGEN BUILDING HVAC MCC ROOM REPAIRS	\$3,057.55	\$3,057.55
174777	6/11/2020	121	45665	WECO INDUSTRIES LLC	CAMERA REPAIRS AND PARTS	\$845.56	\$3,026.14
	6/11/2020	121	45582		TRANSPORTER REPAIR	\$2,180.58	
174774	6/11/2020	110	22666.1	VALLEY OIL COMPANY	1500 GALS DYED DIESEL	\$2,883.75	\$2,883.75
174655	6/4/2020	110	4071037120200520	ALAMEDA COUNTY WATER DISTRICT	SERV TO: 05/15/20-BENSON ROAD	\$646.65	\$2,793.18
	6/4/2020	110	4071038120200520		SERV TO: 05/15/20-BENSON ROAD	\$108.19	
	6/4/2020	120	4109778420200522		SERV TO: 05/20/20-MTR HYD B15141194	\$1,545.41	
	6/4/2020	120	4107361120200522		SERV TO: 05/20/20-MTR HYD B19866540	\$492.93	
174685	6/4/2020	173	20498	LOOKINGPOINT INC	WAN ROUTERS ADDL HOURS	\$2,750.00	\$2,750.00
174693	6/4/2020	170	105122	MUNIQUEP, LLC	1 BOYCE PUMP REBUILD KIT	\$2,399.16	\$2,399.16
174760	6/11/2020	170	118831	NEW IMAGE LANDSCAPING CO	LANDSCAPE MAINTENANCE - FMC - MAY 2020	\$2,305.00	\$2,305.00

**UNION SANITARY DISTRICT
CHECK REGISTER
05/30/2020-06/12/2020**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
174730	6/11/2020	121	50166	BRENNTAG PACIFIC INC	2564 LBS SODIUM HYDROXIDE	\$733.12	\$2,192.68
	6/11/2020	121	50165		5128 LBS SODIUM HYDROXIDE	\$1,459.56	
174736	6/11/2020	173	XWD0687	CDW GOVERNMENT LLC	APC REPLACEMENT BATTERY	\$1,925.23	\$2,035.83
	6/11/2020	111	XWM4202		RAM UNIVERSAL TABLET	\$110.60	
174669	6/4/2020	173	100670883	COLORADO WASHINGTON INC COMCAST OF	FIBER INTERNET BACKUP - MAY 2020	\$2,010.36	\$2,010.36
174660	6/4/2020		14754153	AT&T	SERV: 04/13/20 - 05/12/20	\$42.82	\$1,935.28
	6/4/2020		14754154		SERV: 04/13/20 - 05/12/20	\$65.87	
	6/4/2020		14754155		SERV: 04/13/20 - 05/12/20	\$87.36	
	6/4/2020		14754151		SERV: 04/13/20 - 05/12/20	\$747.80	
	6/4/2020		14724010		SERV: 04/10/20 - 05/09/20	\$991.43	
174758	6/11/2020	122	40439723	MCMaster SUPPLY INC	ASTD PARTS & MATERIALS	\$17.63	\$1,907.91
	6/11/2020	172	39611378		ASTD PARTS & MATERIALS	\$125.98	
	6/11/2020	170	39822094		ASTD PARTS & MATERIALS	\$174.12	
	6/11/2020	170	39841323		ASTD PARTS & MATERIALS	\$166.45	
	6/11/2020	170	39327651		ASTD PARTS & MATERIALS	\$1,046.90	
	6/11/2020		40456613		ASTD PARTS & MATERIALS	\$376.83	
174729	6/11/2020	170	15106221	BLAISDELL'S	1 OFFICE CHAIR	\$694.72	\$1,820.22
	6/11/2020	141	15163570		ASTD OFFICE SUPPLIES	\$98.07	
	6/11/2020	170	15106220		2 OFFICE CHAIRS	\$1,027.43	

**UNION SANITARY DISTRICT
CHECK REGISTER
05/30/2020-06/12/2020**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
174749	6/11/2020	111	307750	HARRINGTON INDUSTRIAL PLASTICS	ASTD PVC PARTS & MATERIALS	\$411.04	\$1,816.00
	6/11/2020	111	307604		ASTD PVC PARTS & MATERIALS	\$686.61	
	6/11/2020	111	307770		ASTD PVC PARTS & MATERIALS	\$718.35	
174704	6/4/2020	110	20051205	S&S TRUCKING	GRIT HAULING 05/04 & 05/07/2020	\$1,545.63	\$1,545.63
174702	6/4/2020		10635	ROTO-ROOTER SERVICES	REFUND # 22702	\$500.00	\$1,500.00
	6/4/2020		10635.1		REFUND # 22701	\$500.00	
	6/4/2020		10593		REFUND # 22671	\$500.00	
174672	6/4/2020		3963428A	DELTA DENTAL SERVICE	MAY 2020 DENTAL	\$177.03	\$1,429.03
	6/4/2020		3963428C		MAY 2020 DENTAL	\$1,252.00	
174747	6/11/2020		9524926897	GRAINGER INC	ASTD PARTS & MATERIALS	\$1,143.64	\$1,409.41
	6/11/2020	170	9520653024		ASTD PARTS & MATERIALS	\$113.00	
	6/11/2020	122	9521054933		1 FLEXIBLE METAL HOSE ASSEMBLY	\$152.77	
174741	6/11/2020	141	109F1	DCM CONSULTING INC	TURK ISLAND LANDFILL EARTHWORK/GRADING	\$1,350.00	\$1,350.00
174734	6/11/2020	113	610675	CALTEST ANALYTICAL LABORATORY	16 LAB SAMPLE ANALYSIS	\$1,325.45	\$1,325.45
174673	6/4/2020		6241	ENERGY CHOICE INC	ASTD COGEN PARTS	\$1,166.21	\$1,166.21

**UNION SANITARY DISTRICT
CHECK REGISTER
05/30/2020-06/12/2020**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
174717	6/11/2020	120	4110540720200601	ALAMEDA COUNTY WATER DISTRICT	SERV TO: 05/29/20-MTR HYD B16484398	\$145.97	\$1,137.73
	6/11/2020	120	4110541620200601		SERV TO: 05/29/20-MTR HYD B15001102	\$155.09	
	6/11/2020	120	4110552320200601		SERV TO: 05/29/20-MTR HYD B32896066	\$82.11	
	6/11/2020	120	4110541320200601		SERV TO: 05/29/20-MTR HYD B16435275	\$155.09	
	6/11/2020	120	4110540920200601		SERV TO: 05/29/20-MTR HYD B14830349	\$145.97	
	6/11/2020	120	4110541120200601		SERV TO: 05/29/20-MTR HYD B34041338	\$155.09	
	6/11/2020	120	4110552220200601		SERV TO: 05/29/20-MTR HYD B29389779	\$82.11	
	6/11/2020	170	4047286120200603		SERV TO: 06/01/20 - PASEO PADRE	\$61.21	
	6/11/2020	120	4110541020200601		SERV TO: 05/29/20-MTR HYD B15000284	\$155.09	
174656	6/4/2020	170	5229087	ALL INDUSTRIAL ELECTRIC SUPPLY	ASTD PARTS & MATERIALS	\$1,110.19	\$1,110.19
174711	6/4/2020		45664	WECO INDUSTRIES LLC	ASTD TRUCK PARTS	\$1,061.55	\$1,061.55
174721	6/11/2020	170	720309	A-PRO PEST CONTROL INC	MAY PEST CONTROL	\$1,005.00	\$1,005.00
174722	6/11/2020	141	20200602	ROLLIE ARBOLANTE	EXP REIMB: CS FY20 SAFETY INCENTIVE PROGRAM	\$1,001.24	\$1,001.24
174735	6/11/2020	170	21759044	CARBOLINE COMPANY	PAINT & RELATED PAINT SUPPLIES	\$999.85	\$999.85
174725	6/11/2020	136	2522290721	BANK OF NEW YORK	APR 2020 SERVICE FEES	\$970.54	\$970.54
174657	6/4/2020		20200510	AMAZON.COM LLC	05/20 - ASTD OFFICE SUPPLIES	\$907.47	\$907.47
174743	6/11/2020	173	478576	DLT SOLUTIONS, LLC	AWS CLOUD STORAGE - APR 2020	\$896.16	\$896.16

**UNION SANITARY DISTRICT
CHECK REGISTER
05/30/2020-06/12/2020**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
174676	6/4/2020	122	9519951488	GRAINGER INC	ASTD PARTS & MATERIALS	\$44.74	\$892.68
	6/4/2020	122	9516000172		1 FLEXIBLE METAL HOSE	\$120.43	
	6/4/2020		9517575347		ASTD PARTS & MATERIALS	\$121.01	
	6/4/2020		9524291656		ASTD PARTS & MATERIALS	\$-152.16	
	6/4/2020		9517438918		ASTD PARTS & MATERIALS	\$152.16	
	6/4/2020	122	9516362986		ASTD PARTS & MATERIALS	\$177.87	
	6/4/2020		9518870408		10 PACKS DISPOSABLE GLOVES	\$166.49	
	6/4/2020		9515742253		ASTD PARTS & MATERIALS	\$262.14	
174661	6/4/2020		45536664503	AT&T	SERV: 04/11/20 - 05/10/20	\$882.85	\$882.85
174718	6/11/2020	170	5229389	ALL INDUSTRIAL ELECTRIC SUPPLY	ASTD ELECTRICAL SUPPLIES	\$340.20	\$849.62
	6/11/2020	170	5229388		ASTD PARTS & MATERIALS	\$509.42	
174689	6/4/2020		40187489	MCMASTER SUPPLY INC	ASTD PARTS & MATERIALS	\$399.26	\$834.09
	6/4/2020		40166956		ASTD PARTS & MATERIALS	\$363.66	
	6/4/2020	170	39619993		ASTD PARTS & MATERIALS	\$71.17	
174690	6/4/2020	170	654841174	METTLER-TOLEDO INC	ANNUAL CALIBRATION SERVICE FOR LAB EQUIPMENT	\$788.25	\$788.25
174768	6/11/2020	110	20052019	S&S TRUCKING	GRIT HAULING 05/14/2020	\$774.05	\$774.05
174752	6/11/2020		603890489	HILLYARD/SAN FRANCISCO	JANITORIAL	\$520.65	\$758.33
	6/11/2020	122	603890488		ASST JANITORIAL SUPPLIES	\$237.68	

**UNION SANITARY DISTRICT
CHECK REGISTER
05/30/2020-06/12/2020**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
174666	6/4/2020	173	4032653318	CANON SOLUTIONS AMERICA INC	MTHLY MAINTENANCE BASED ON USE	\$314.40	\$734.35
	6/4/2020	173	4032652253		MTHLY MAINTENANCE BASED ON USE	\$419.95	
174710	6/4/2020	113	8801084071	VWR INTERNATIONAL LLC	LAB SUPPLIES	\$44.38	\$696.25
	6/4/2020		8801078463		LAB SUPPLIES	\$336.89	
	6/4/2020		8801076489		LAB SUPPLIES	\$314.98	
174765	6/11/2020	170	191535	ROCHESTER MIDLAND CORPORATION	HOT WATER LOOP SERVICE	\$690.75	\$690.75
174687	6/4/2020	170	21676137	MATHESON TRI-GAS INC	COGEN TRI MIX GAS FOR EMISSIONS	\$682.29	\$682.29
174668	6/4/2020	132	200614687	CLAREMONT BEHAVIORAL SERVICES	JUNE 2020 EAP PREMIUMS	\$657.80	\$657.80
174748	6/11/2020	123	2125546	HANSON AGGREGATES INC	3.32 TONS 1/2 MED TYPE A AC-R	\$282.68	\$648.12
	6/11/2020	123	2127885		4.33 TONS 1/2 MED TYPE A AC-R	\$365.44	
174658	6/4/2020		1102356774	AMERIPRIDE SERVICES INC	UNIFORM LAUNDERING & RUGS	\$250.72	\$646.84
	6/4/2020		1102356789		UNIFORM LAUNDERING SERVICE	\$348.54	
	6/4/2020		1102356814		ASTD DUST MOPS, WET MOPS & TERRY TOWEL	\$47.58	
174703	6/4/2020	111	3710908001	S & S SUPPLIES & SOLUTIONS	30 LOCK-OUT CABLES	\$635.75	\$635.75
174700	6/4/2020	121	820179860	RED WING BUS ADVANTAGE ACCT	SAFETY SHOES: C. YBARRA	\$204.27	\$620.26
	6/4/2020	121	820180147		SAFETY SHOES: M. LOPEZ	\$208.00	
	6/4/2020	136	820179948		SAFETY SHOES: R. LEBON	\$207.99	
174720	6/11/2020		1102359956	AMERIPRIDE SERVICES INC	UNIFORM LAUNDERING & RUGS	\$262.55	\$614.84
	6/11/2020		1102359979		UNIFORM LAUNDERING SERVICE	\$352.29	

**UNION SANITARY DISTRICT
CHECK REGISTER
05/30/2020-06/12/2020**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
174677	6/4/2020		307444	HARRINGTON INDUSTRIAL PLASTICS	ASTD PVC PARTS & MATERIALS	\$113.78	\$610.92
	6/4/2020	170	307532		ASTD PVC PARTS & MATERIALS	\$497.14	
174757	6/11/2020	113	2005429	MCCAMPBELL ANALYTICAL	LAB SAMPLE ANALYSIS	\$202.00	\$606.00
	6/11/2020	113	2005765		LAB SAMPLE ANALYSIS	\$202.00	
	6/11/2020	113	2005482		LAB SAMPLE ANALYSIS	\$202.00	
174724	6/11/2020		20200610	ANDREW BAILE	TUITION REIMB - SPRING QTR 2020	\$592.39	\$592.39
174755	6/11/2020	132	1498467	LIEBERT CASSIDY WHITMORE	LEGAL SVS - CALPERS UNIFORM APPEAL	\$588.00	\$588.00
174678	6/4/2020	170	571104	INSTRUMART	1 APS PH PROBE	\$548.75	\$548.75
174674	6/4/2020	113	1231222	ENTHALPY ANALYTICAL LLC	14 LAB SAMPLE ANALYSIS	\$543.00	\$543.00
174659	6/4/2020		10547	SRIKANTH AREKAPUDI	REFUND # 24888	\$500.00	\$500.00
174698	6/4/2020		10550	PURUSHOTHAM REDDY PEDDIREDDY	REFUND # 24889	\$500.00	\$500.00
174713	6/4/2020		10694	HENRY WU	REFUND # 24886	\$500.00	\$500.00
174732	6/11/2020		8774	BT CONSTRUCTION & PROPERTIES	REFUND # 24896	\$500.00	\$500.00
174744	6/11/2020		10032	ERIC A. HASSETT, CORPORATION	REFUND # 22764	\$500.00	\$500.00
174767	6/11/2020		12723	ROOTER HERO	REFUND # 24897	\$500.00	\$500.00
174769	6/11/2020		6209	GURVINDER SINGH	REFUND # 22773	\$500.00	\$500.00
174727	6/11/2020		12567	BAY AREA BARRICADE SERVICE INC	20 TRAFFIC MARKERS	\$493.88	\$493.88
174714	6/11/2020	170	282604	ADVANCED CHEMICAL TRANSPORT	HAZARDOUS MATERIAL MANAGEMENT	\$491.37	\$491.37
174675	6/4/2020	170	117	FIORE INDUSTRIAL ELECTRICAL	CENTRIFUGE POLY PUMP 2 VFD GATE DRIVER	\$484.68	\$484.68

**UNION SANITARY DISTRICT
CHECK REGISTER
05/30/2020-06/12/2020**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
174716	6/11/2020	170	9101226148	AIRGAS NCN	2 CY ARGON	\$467.63	\$467.63
174706	6/4/2020		99203	STARLINE SUPPLY COMPANY	9 CS COMPOSTABLE UTENSILS	\$452.82	\$452.82
174759	6/11/2020		20200527	NAPA AUTO PARTS	MONTHLY AUTO PARTS STMT - MAY 2020	\$399.32	\$399.32
174708	6/4/2020	123	168152	TRENCH PLATE RENTAL COMPANY	7 DAYS TRENCH SHORING EQUIPMENT RENTAL	\$396.21	\$396.21
174739	6/11/2020	120	20200518	CWEA	2 CERT & 1 MEMBERSHIP RENEWALS - CS 3 EMPLOYEES	\$375.00	\$375.00
174694	6/4/2020	170	213389	NAYLOR STEEL INC	ASTD METAL, STEEL, STAINLESS & ALUMINUM	\$332.45	\$332.45
174770	6/11/2020	141	20200430	SPOK INC	MAY 2020 PAGER SERVICE	\$132.62	\$267.23
	6/11/2020	141	20200530		JUNE 2020 PAGER SERVICE	\$134.61	
174679	6/4/2020	173	6038839	INTRADO LIFE & SAFETY INC	E911 CLOUD SERVICE	\$250.00	\$250.00
174699	6/4/2020	170	21781	R & S ERECTION OF S ALAMEDA	SERVICE: GATE NOT CLOSING	\$240.00	\$240.00
174738	6/11/2020	121	1901310932	CINTAS CORPORATION	2 SUMMER JACKETS FOR CHRIS YBARRA	\$232.39	\$232.39
174688	6/4/2020	113	2005128	MCCAMPBELL ANALYTICAL	LAB SAMPLE ANALYSIS	\$202.00	\$202.00
174754	6/11/2020		10439	KRIS CONSTRUCTION	REFUND # 22747	\$200.00	\$200.00
174665	6/4/2020	113	610432	CALTEST ANALYTICAL LABORATORY	2 LAB SAMPLE ANALYSIS	\$172.90	\$172.90
174756	6/11/2020		4850951	MALLORY SAFETY AND SUPPLY LLC	ASTD CAL GAS	\$163.88	\$163.88
174671	6/4/2020	121	25774	DANOC MANUFACTURING	1 WINTER JACKET	\$159.55	\$159.55
174662	6/4/2020	111	568316	BETE FOG NOZZLE INC	12 TF8 NOZZLES	\$159.32	\$159.32
174692	6/4/2020		24084176	MOTION INDUSTRIES INC	4 BELTS	\$149.93	\$149.93
174683	6/4/2020	111	20200528	JUSTIN LAURENCE	EXP REIMB: TPO SAFETY RECOGNITION 2ND QTR	\$115.94	\$115.94

**UNION SANITARY DISTRICT
CHECK REGISTER
05/30/2020-06/12/2020**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
174737	6/11/2020	143	20200604	KEVIN CHUN	EXP REIMB: PE LICENSE RENEWAL FEE	\$115.00	\$115.00
174701	6/4/2020		106603	REMOTE SATELLITE SYSTEMS INT'L	IRIDIUM SVC FEE JUNE 2020	\$112.00	\$112.00
174776	6/11/2020		8801116283	VWR INTERNATIONAL LLC	LAB SUPPLIES	\$96.96	\$96.96
174766	6/11/2020	120	20200608	JOSE RODRIGUES JR	EXP REIMB: CS BREAKFAST FOR FY PLANNING MEETING	\$47.32	\$82.41
	6/11/2020	120	20200603		EXP REIMB: CS LUNCH FOR CHERRY PUMP STATION FLOW STUDY	\$35.09	
174750	6/11/2020	110	1819880	HAYWARD WATER SYSTEM	WATER SERV 03/13/20 - 05/12/20	\$71.57	\$71.57
174653	6/4/2020	170	9101179705	AIRGAS NCN	ASTD PARTS & MATERIALS	\$66.41	\$66.41
174652	6/4/2020	170	276916A	ADVANCED CHEMICAL TRANSPORT	HAZARDOUS MATERIAL MANAGEMENT	\$56.00	\$56.00
174771	6/11/2020	141	422529	ULTRAEX LLC	COURIER SVCS: 1 BOARDMEMBER DELIVERY - 05/06/20	\$47.95	\$47.95
174773	6/11/2020	136	98XW53200	UPS - UNITED PARCEL SERVICE	SHIPPING CHARGES W/E 05/16/20	\$18.30	\$18.30
174712	6/4/2020	122	2522884001	WHCI PLUMBING SUPPLY CO	ASTD PARTS & MATERIALS	\$11.96	\$11.96

Invoices:

Credit Memos :	1	-152.16
\$0 - \$1,000 :	133	43,159.00
\$1,000 - \$10,000 :	53	180,972.44
\$10,000 - \$100,000 :	15	427,018.27
Over \$100,000 :	5	2,285,867.10
Total:	207	2,936,864.65

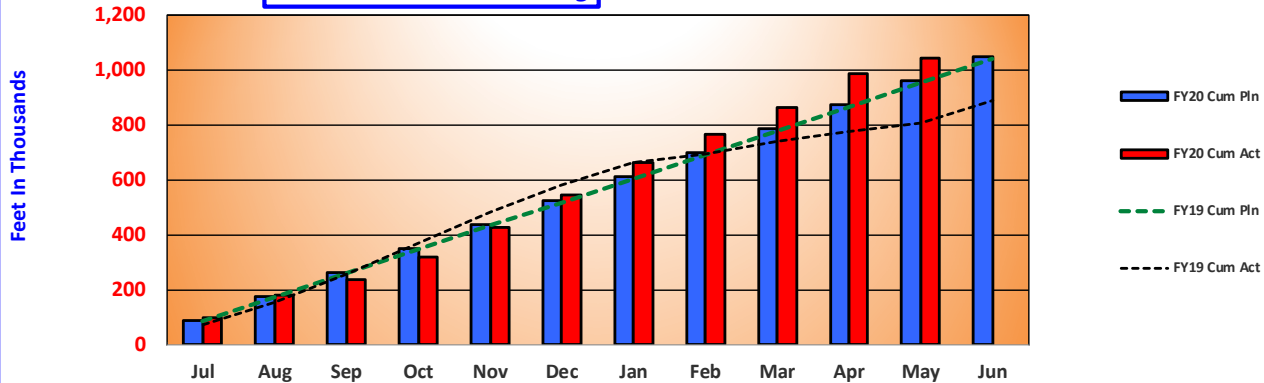
Checks:

\$0 - \$1,000 :	65	30,055.26
\$1,000 - \$10,000 :	45	146,589.71
\$10,000 - \$100,000 :	13	373,496.19
Over \$100,000 :	5	2,386,723.49
Total:	128	2,936,864.65

Performance Measures

FY20 PLAN

FY20 Cumulative Cleaning

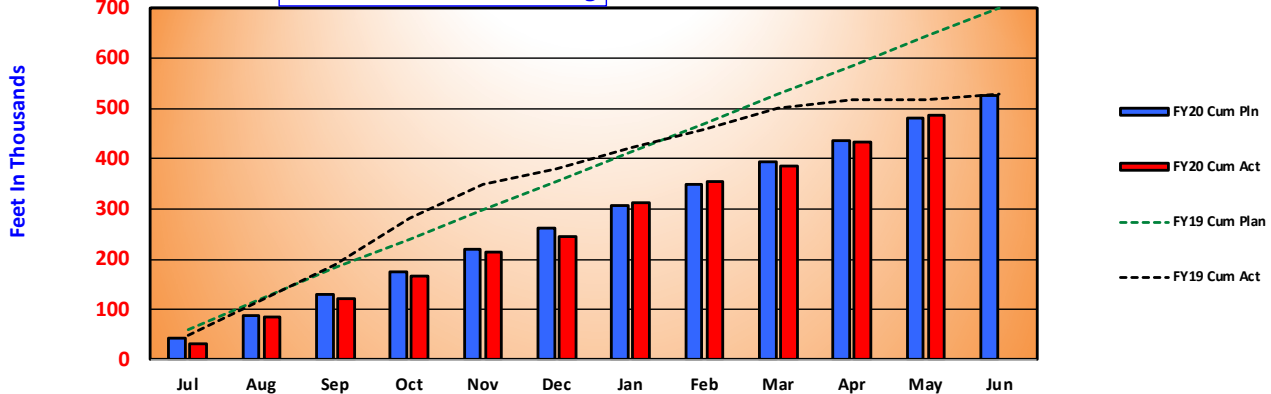


Cleaning Actual Footages/Costs May-20 Clean Cost/Ft = \$1.02

Description	FY20 Q1 Footage	FY20 Q2 Footage	FY20 Q3 Footage	Apr-20 Footages	May-20 Footages	FY20 Q4 Footage	FY20 YTD Footage	FY20 YE Goal	FY19 YTD Footage	% Cmpl to Plan
84 Month Hydro-jet Clean	168,654	123,334	191,217	80,707	38,080	118,787	601,992	605,190	388,628	99.5%
Selective Line Cleaning	34,570	45,494	76,867	886	3,440	4,326	161,257	114,574	177,381	140.7%
Special Condition Clean	4,456	1,194	3,046	192	0	192	8,888	31,599	31,514	28.1%
Root Control/Chemical Cln	30,594	136,144	49,225	39,900	13,965	53,865	269,828	298,028	294,349	90.5%
Cast Iron Proj/Other (not included in Cost Per Foot)	0	0	0	0	0	0	0	0	0	
Totals	238,274	306,166	320,355	121,685	55,485	177,170	1,041,965	1,049,391	891,872	99.3%

FY20 PLAN

FY20 Cumulative Televising



Televising Actual Footages/Costs May-20 TV Cost/Ft = \$1.74

Description	FY20 Q1 Footage	FY20 Q2 Footage	FY20 Q3 Footage	Apr-20 Footages	May-20 Footages	FY20 Q4 Footage	FY20 YTD Footage	FY20 YE Goal	FY19 YTD Footage	% Cmpl to Plan
84 Month TV Inspection	107,959	80,840	133,515	47,726	37,970	85,696	408,010	416,533	432,269	98.0%
Visual/Condition,Pre/Post Cnst TV	1,644	9,682	0	0	300	300	11,626	23,481	28,651	49.5%
New Development, CIP, Misc.	7,845	12,444	5,110	105	0	105	25,504	44,852	46,736	56.9%
QA/QC Line Condition	0	10,048	2,504	0	15,277	15,277	27,829	17,186	7,044	161.9%
QA/QC Root Control	5,198	8,632	0	0	0	0	13,830	22,352	14,260	61.9%
Totals	122,646	121,646	141,129	47,831	53,547	101,378	486,799	524,404	528,960	92.8%