



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

**Monday, February 24, 2020
Regular Meeting - 7:00 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

1. Call to Order.

2. Salute to the Flag.

3. Roll Call.

- Motion 4. Approve Minutes of the Union Sanitary District Board Meeting of February 10, 2020.

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

- Information 6. Operations Report:
 - a) January 2020 Monthly Operations Report *(to be reviewed by the Budget & Finance and Legal/Community Affairs Committees).*
 - b) Fiscal Year 2020 2nd Quarter Managed Investment Portfolio Report *(to be reviewed by the Budget & Finance Committee).*

7. Written Communications.

8. Public Comment.

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

- Motion 9. Review and Consider Approval of Publicly Available Pay Schedule Effective March 1, 2020 *(to be reviewed by the Personnel Committee).*

- Motion 10. Consider a Resolution to Adopt an Addendum to the Mitigated Negative Declaration for the Standby Power Generation System Upgrade Project and Approve Modifications to the Standby Power Generation System Upgrade Project as Set Forth in the Addendum to the Mitigated Negative Declaration *(to be reviewed by the Engineering and Information Technology Committee).*

- Motion 11. Consider and Approve Amendment to Contract with Pier 2 Marketing for District Branding Initiative *(to be reviewed by the Budget & Finance Committee).*

- Information 12. Report on the East Bay Dischargers Authority (EBDA) Meeting of January 16, 2020.
-
- Information 13. Check Register.
-
- Information 14. Committee Meeting Reports. *(No Board action is taken at Committee meetings):*
- a. Engineering and Information Technology Committee – Wednesday, February 19, 2020, at 10:00 a.m.
 - Director Toy and Director Fernandez
 - b. Personnel Committee – Wednesday, February 19, 2020, at 10:30 a.m.
 - Director Lathi and Director Toy
 - c. Legal/Community Affairs Committee – Thursday, February 20, 2020, at 12:00 p.m.
 - Director Fernandez and Director Kite
 - d. Budget & Finance Committee – Friday, February 21, 2020, at 11:00 a.m.
 - Director Kite and Director Lathi
 - e. Legislative Committee – will not meet.
 - f. Audit Committee – will not meet.
-
- Information 15. General Manager’s Report. *(Information on recent issues of interest to the Board).*
-
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 the next Regular Board Meeting in the Boardroom on Monday, March 9, 2020, at 7:00 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.



**ENGINEERING AND INFORMATION TECHNOLOGY
COMMITTEE MEETING**

Committee Members: Director Toy and Director Fernandez

AGENDA

Wednesday, February 19, 2020

10:00 A.M.

Alvarado Conference Room

5072 Benson Road

Union City, CA 94587

Directors

Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

Officers

Paul R. Eldredge
*General Manager/
District Engineer*

Karen W. Murphy
Attorney

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 February 24, 2020:

- Consider a Resolution to Adopt an Addendum to the Mitigated Negative Declaration for the Standby Power Generation System Upgrade Project and Approve Modifications to the Standby Power Generation System Upgrade Project as Set Forth in the Addendum to the Mitigated Negative Declaration
-

5. Adjournment

Items reviewed at committee meetings will be included in the agenda packet for the upcoming Board meeting.

No action will be taken at committee meetings.

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



PERSONNEL COMMITTEE MEETING

Committee Members: Director Lathi and Director Toy

Directors

Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

AGENDA

**Wednesday, February 19, 2020
10:30 A.M.**

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

Officers

Paul R. Eldredge
*General Manager/
District Engineer*

Karen W. Murphy
Attorney

THIS MEETING WILL BE TELECONFERENCED WITH DIRECTOR LATHI FROM THE GUES PARKING AREA ON OCASO CAMINO, WEST OF AND CLOSEST TO THE INTERSECTION OF PASEO PADRE PARKWAY IN FREMONT, CALIFORNIA. THE TELECONFERENCE LOCATION SHALL BE ACCESSIBLE TO THE PUBLIC.

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 February 24, 2020:
 - Review and Consider Approval of Publicly Available Pay Schedule Effective March 1, 2020

5. Adjournment

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

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



LEGAL/COMMUNITY AFFAIRS COMMITTEE MEETING

Committee Members: Director Fernandez and Director Kite

Directors

Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

AGENDA

Thursday, February 20, 2020

12:00 P.M.

Alvarado Conference Room

5072 Benson Road

Union City, CA 94587

Officers

Paul R. Eldredge
*General Manager/
District Engineer*

Karen W. Murphy
Attorney

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 February 24, 2020:

- January 2020 Monthly Operations Report – Odor and Work Group Reports
-

5. Adjournment

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

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



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

Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

AGENDA
Friday, February 21, 2020
11:00 A.M.

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

Alvarado Conference Room
5072 Benson Road
Union City, CA 94587

Karen W. Murphy
Attorney

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 February 24, 2020:

- January 2020 Monthly Operations Report – Financial Reports
 - Fiscal Year 2020 2nd Quarter Managed Investment Portfolio
 - Consider and Approve Amendment to Contract with Pier 2 Marketing for District Branding Initiative
-

5. Adjournment

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

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

**MINUTES OF THE MEETING OF THE
BOARD OF DIRECTORS OF
UNION SANITARY DISTRICT/UNION SANITARY DISTRICT FINANCING
AUTHORITY
February 10, 2020**

CALL TO ORDER

President Toy called the meeting to order at 7:00 p.m.

SALUTE TO THE FLAG

ROLL CALL

PRESENT: Jennifer Toy, President
Tom Handley, Vice President
Pat Kite, Secretary
Anjali Lathi, Director
Manny Fernandez, 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, Maintenance, and Construction Manager
Laurie Brenner, Business Services Coach
Michelle Powell, Communications and Intergovernmental Relations Coordinator
Regina McEvoy, Executive Assistant to the General Manager/Board Clerk

VISITORS: Roelle Balan, Tri-City Voice Newspaper
Alice Johnson, League of Women Voters
Joan Malloy, City Manager, City of Union City
Mike Marzano

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

It was moved by Secretary Kite, seconded by Vice President Handley, to Approve Minutes of the Union Sanitary District Board Meeting of January 27, 2020. Motion carried unanimously.

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

It was moved by Director Fernandez, seconded by Vice President Handley, to Approve Minutes of the Special Union Sanitary District Board Meeting of January 29, 2020. Motion carried unanimously.

UNION CITY'S RECENTLY ADOPTED FIVE-YEAR STRATEGIC PLAN, TO BE PRESENTED BY CITY MANAGER MALLOY

City Manager Malloy presented Union City's five-year strategic plan and responded to Boardmember questions.

WRITTEN COMMUNICATIONS

There were no written communications.

PUBLIC COMMENT

Alice Johnson invited all to attend the League of Women Voters Centennial Open House will be held February 23, 2020, at the Artist's Walk Community Center in Fremont.

CONSIDER A RESOLUTION TO OPEN LAIF ACCOUNT FOR INVESTMENT BOND PROCEEDS

This item was reviewed by the Budget & Finance Committee. Business Services Coach Brenner stated the District recently formed the Union Sanitary District Financing Authority (USDFA) and approved the issuance of not to exceed \$70,000,000 revenue bonds by the USDFA. The USDFA elected to authorize US Bank to disburse the proceeds from the issuance directly to Union Sanitary District for investment and management. The District utilized LAIF for investment of other monies with historically positive returns. Staff members believe it would be in the best interest of the District to open a separate bonds proceeds investment account per the LAIF guidelines to maximize returns on the proceeds from this revenue bond issuance. Staff recommended the Board consider and adopt a resolution authorizing staff to open a new account for the investment of bond proceeds in the LAIF; identifying and authorizing incumbents holding appropriate job titles within the District for the withdrawal of monies in the LAIF, pursuant to Government Code section 16429.1.

It was moved by Director Lathi, seconded by Secretary Kite, to Adopt Resolution No. 2882, Resolution of the Board of Directors of Union Sanitary District Authorizing Investment of Bond Proceeds in the Local Agency Investment Fund (LAIF). Motion carried unanimously.

UNION SANITARY DISTRICT FINANCING AUTHORITY

CONSIDER A RESOLUTION TO OPEN LAIF ACCOUNT FOR INVESTMENT BOND PROCEEDS

This item was reviewed by the Budget & Finance Committee. Business Services Coach Brenner stated the District recently formed the Union Sanitary District Financing Authority (USDFA) and approved the issuance of not to exceed \$70,000,000 revenue bonds by the USDFA. The USDFA elected to authorize US Bank to disburse the proceeds from the

issuance directly to Union Sanitary District for investment and management. The District utilized LAIF for investment of other monies with historically positive returns. Staff members believe it would be in the best interest of the District to open a separate bonds proceeds investment account per the LAIF guidelines to maximize returns on the proceeds from this revenue bond issuance. Staff recommended the Board consider and adopt a resolution authorizing staff to open a new account for the investment of bond proceeds in the LAIF; identifying and authorizing incumbents holding appropriate job titles within the District for the withdrawal of monies in the LAIF, pursuant to Government Code section 16429.1.

It was moved by Vice President Handley, seconded by Director Fernandez, to Adopt Resolution No. 2883, Resolution of the Board of Directors of Union Sanitary District Financing Authority Authorizing Investment of Bond Proceeds in the Local Agency Investment Fund (LAIF). Motion carried unanimously.

CONSIDER A RESOLUTION TO ACCEPT THE CONSTRUCTION OF THE CALCIUM THIOSUFATE CHEMICAL TANK PROJECT FROM D.W. NICHOLSON CORPORATION

This item was reviewed by the Engineering and Information Technology Committee. Technical Services Manager Ghossain stated the District's primary method of final effluent discharge is through the East Bay Dischargers Authority (EBDA) outfall system. During peak wet weather flow events, the District's ability to send effluent to the EBDA system is dependent on discharge flows from other EBDA member agencies and the District's contracted capacity in the system. The District also has the option to discharge effluent to the Hayward Marsh and Old Alameda Creek under certain conditions. The Hayward Marsh has been unavailable due to East Bay Regional Park District maintenance activities. The National Pollutant Discharge Elimination System permit requires the District to dechlorinate the final effluent prior to discharge to Old Alameda Creek. The purpose of the Project was to construct a dechlorination chemical storage and dosing system that could handle higher and more frequent final effluent discharges to Old Alameda Creek. The Board awarded Phase 1 of the Project's construction contract to D.W. Nicholson Corporation on October 14, 2019, and staff issued the Notice to Proceed on November 4, 2019. D.W. Nicholson Corporation substantially completed all contract work on January 16, 2020. Staff recommended the Board consider a resolution to accept the construction of the Calcium Thiosulfate Chemical Tank Project from D.W. Nicholson Corporation and authorize recordation of a Notice of Completion.

It was moved by Director Fernandez, seconded by Vice President Handley, to Adopt Resolution No. 2884 to Accept Construction of the Calcium Thiosulfate Chemical Tank Project Located in the City of Union City, California From D.W. Nicholson Corporation and Authorize Recordation of a Notice of Completion. Motion carried unanimously.

REVIEW AND CONSIDER APPROVAL OF REVISIONS TO POLICY 3080, BOARD AGENDA SUBJECTS REQUESTED BY BOARDMEMBERS

This item was reviewed by the Legal/Community Affairs Committee. Executive Assistant to the General Manager/Board Clerk McEvoy stated Policy No. 3080 was last reviewed and approved by the Board at the regular meeting held February 22, 2016. The Policy outlines the process for members of the Board to request an item be included on a future Board meeting agenda. Staff reviewed the Policy and proposed minor revisions to further clarify the intent of the Policy. Staff recommended the Board review and consider approval of revisions to Policy No. 3080, Board Agenda Subjects Requested by Boardmembers.

It was moved by Vice President Handley, seconded by Director Fernandez, to Approve Proposed Revisions to Policy No. 3080, Board Agenda Subjects Requested by Boardmembers. Motion carried unanimously.

INCREASE FY20 VEHICLE AND EQUIPMENT REPLACEMENT BUDGET

This item was reviewed by the Budget & Finance Committee. Collection Services Manager Schofield stated the Board approved \$28,050 for the purchase of a 2020 F-150 Crewcab Pickup Truck to replace a vehicle that had come to the end of its useful life. After completing specifications for the Truck the total purchase price came to \$33,021.83, which exceeded the approved amount by \$4,971.83. The District's Purchasing Policy No. 2755 requires Board approval for purchases that exceed 15% of the approved purchase price, the additional cost would be 18% over the originally approved amount. Staff recommended the Board approve the \$4,791.83 increased purchase price.

It was moved by Director Lathi, seconded by Secretary Kite, to Approve a \$4,971.83 Increase to the FY20 Vehicle and Equipment Replacement Budget. Motion carried unanimously.

CONSIDER APPROVAL OF POLICY NO. 2970, SOCIAL MEDIA COMMUNICATIONS POLICY

District Counsel Murphy stated District staff prepared a proposed Social Media Communications Policy to provide general guidelines on establishment, use, and maintenance of Social Media sites by the District. The Policy clarifies that such sites, although maintained by the District as a public agency, create a limited public forum subject to the terms of the Policy. The District's proposed Policy was based upon review of numerous policies from jurisdictions throughout the Bay Area and was tailored to the District. The District's Social Media Ad Hoc Committee met in December 2019, reviewed the proposed Policy, and did not recommend any changes to the Policy. The Ad Hoc did ask if the Policy should address Boardmember communications or social media accounts. Policy 3060, Communications by Members of the Board of Directors, governs Boardmember communications. The District's Social Media Lead will include an informational notice on the District's social media sites to notify the general public of the

District's guidelines. Staff recommended the Board consider approval of Policy No. 2970, Social Media Communications Policy.

It was moved by Director Lathi, seconded by Vice President Handley, to Approve Policy No. 2970, Social Media Communications Policy. Motion carried unanimously.

INFORMATION ITEMS:

Check Register

Staff responded to Boardmember questions regarding the Check Register.

COMMITTEE MEETING REPORTS:

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

GENERAL MANAGER'S REPORT:

General Manager Eldredge reported the following:

- A Board Workshop has been scheduled for February 12, 2020.
- The District will not have a Board representative at the February East Bay Dischargers Authority meeting, General Manager Eldredge will be in attendance.
- District offices will be closed in observance of President's Day, February 17, 2020.

OTHER BUSINESS:

There was no other business.

ADJOURNMENT:

The meeting was adjourned at 7:44 p.m. to a Board Workshop in the Centerville Conference Room on Wednesday, February 12, 2020, at 5:30 p.m.

The Board will then adjourn to the next Regular Meeting in the Boardroom on Monday, March 9, 2020, at 7:00 p.m.

SUBMITTED:

ATTEST:

REGINA McEVOY
BOARD CLERK

PAT KITE
SECRETARY

APPROVED:

JENNIFER TOY
PRESIDENT

Adopted this 9th day of March 2020

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

CALL TO ORDER

President Toy called the special meeting to order at 5:30 p.m.

ROLL CALL

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

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

PUBLIC COMMENT

There was no public comment.

BOARD WORKSHOP

General Manager Eldredge and Communications and Intergovernmental Relations Coordinator Powell presented information related to the District's 218 Notice.

ADJOURNMENT:

The special meeting was adjourned at approximately 6:30 p.m. to the next Regular Meeting in the Boardroom on Monday, February 24, 2020, at 7:00 p.m.

SUBMITTED:

ATTEST:

REGINA McEVOY
BOARD CLERK

PAT KITE
SECRETARY

APPROVED:

JENNIFER TOY
PRESIDENT

Adopted this 24th day of February, 2020



Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

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

Karen W. Murphy
Attorney

**FEBRUARY 24, 2020
BOARD OF DIRECTORS MEETING
AGENDA ITEM # 6a**

TITLE: Monthly Operations Report for January 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 January 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 January 2020, there were no odor complaints received.

SAFETY

- The District's Commercial Driving Policy was updated to reflect new reporting for drug and alcohol violations for the DOT (Department of Transportation).
- Posted OSHA's (Occupational Safety and Health Administration) Form 300A, Summary of Work-Related Injuries and Illnesses, as required by OSHA.

STAFFING & PERSONNEL:**Completed Recruitments:**

- Assistant/Associate Engineer – Limited Duration (replacement for Curtis Bosick – promotion). Blake Ehlers started 1/6/2020.

Recruitments Opened:

- Collection System Worker I – (replacement for Art Diosdado – promotion effective 9/30/19)
- Plant Operator Trainee I – (replacement for Marcus Lee – promotion effective 11/24/19)
- Chief Financial Officer – (replacement for Pamela Arends-King – resignation effective 6/8/17)

Separations:

- Paulette Jacobs-Roberson – Retirement 1/30/2020.

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

- Attended the East Bay Dischargers Authority (EBDA) JPA Commission Meeting
- Attended the EBDA Manager's Advisory Committee Meeting
- Attended two Special Meeting Board Workshops
- Presented to Rating Agencies
- Participated in Campus Architect interviews

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 January 2020

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



Union City

Newark

Fremont

Legend

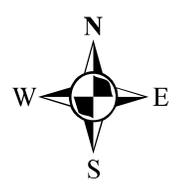
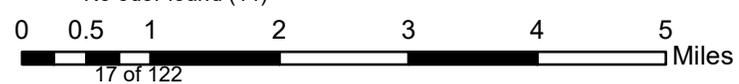
Odor Complaints: January 2020

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

Odor Complaints: Feb. to Dec. 2019

- ★ Odor found, USD resolved (2)
- Odor found, not related to USD (3)
- ▲ No odor found (14)

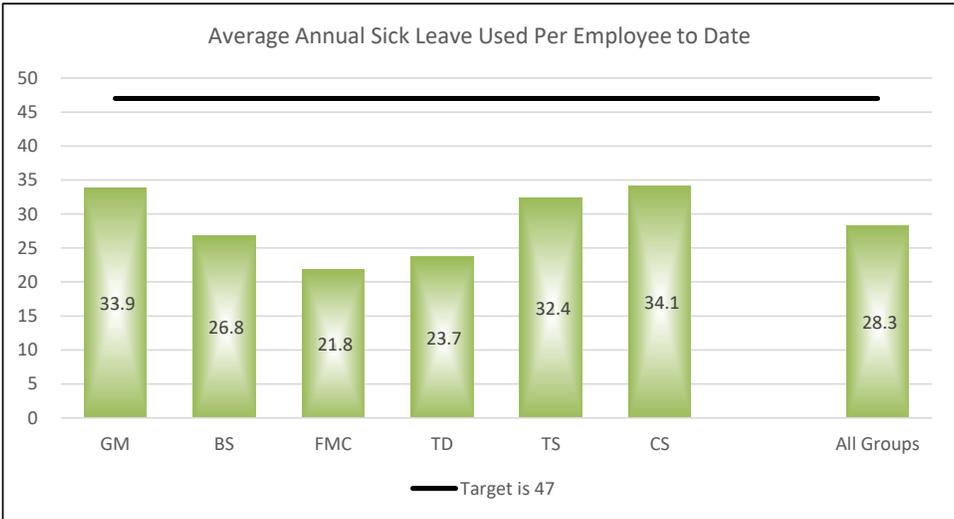
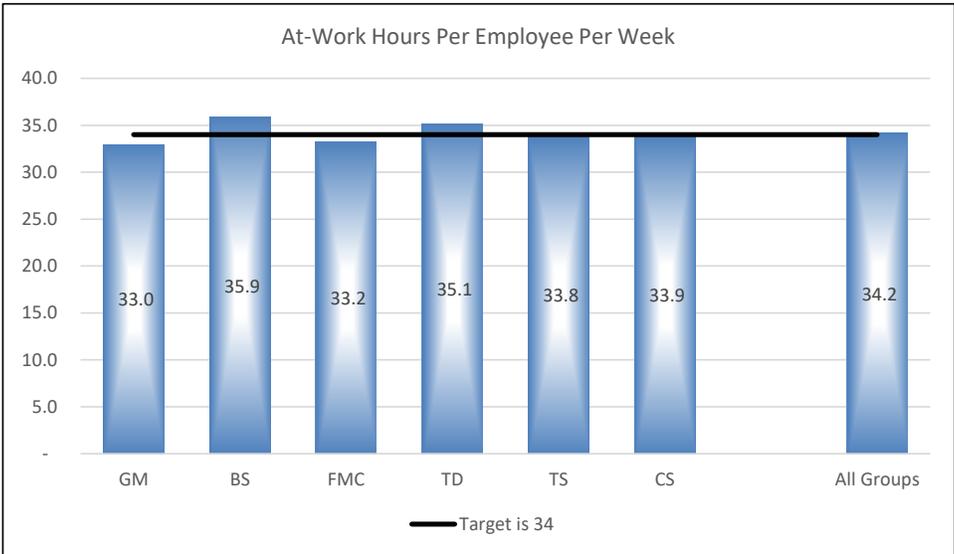
**Location of Odor Reports
February 2019 to January 2020**



HOURS WORKED AND LEAVE TIME BY WORK GROUP

June 27, 2019 through January 22,2020

Weeks to Date: 30 out of 52 (57.69%)



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.

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 January 22,2020

Weeks to Date: 30 out of 52 (57.69%)

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)		Average Number of Employees	At-Work Hours Per Week Per Employee	Annual Sick Leave Used
GM	2	1,965.25	2.75	33.0	342.25	24.80	-	67.70	33.9	2	34.8	38.5
BS	17	17,955.60	271.33	35.9	2,588.04	-	-	456.36	26.8	16	35.5	41.1
FMC	28	27,458.05	286.49	33.2	5,221.97	247.39	-	610.59	21.8	28	34.5	39.3
TD	26	27,043.75	226.08	35.1	4,207.56	49.30	-	615.39	23.7	26	35.4	35.2
TS	33	33,185.37	147.00	33.8	4,713.81	196.26	-	1,070.67	32.4	32	34.6	46.2
CS	31	29,863.10	1,528.73	33.9	4,955.35	225.13	690.00	1,057.42	34.1	30	36.1	59.3
All Groups	137	137,471.12	2,462.38	34.2	22,028.98	742.88	690.00	3,878.13	28.3	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

(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.

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 1/31/2020

58% of year elapsed

Revenues

	Budget	Actual	% of Budget Rec'd	Audited Last Year Actuals 6/30/19
Capacity Fees	\$ 13,567,000	\$ 8,929,828	66%	\$ 16,158,027
Sewer Service Charges	60,099,000	30,811,482	51%	57,330,651
Operating (Work Groups)	1,283,500	702,801	55%	1,321,729
Interest	1,350,000	1,859,394	138%	2,657,357
Misc. (LAVWMA, Forfeited Deposits)	512,000	12,590	2%	866,298
Subtotal Revenues	\$ 76,811,500	42,316,095	55%	\$ 78,334,062
SRF Loan Proceeds	-	-		-
Total Revenues + SRF Proceeds	\$ 76,811,500	\$ 42,316,095	55%	\$ 78,334,062

Expenses

	Budget	Actual	% of Budget Used	Last Year Actuals
Capital Improvement Program:				
Capacity Proj.	\$ 7,600,500	\$ 419,616	6%	\$ 1,973,416
Renewal & Repl. Proj.	12,132,000	708,292	6%	4,620,499
Operating (includes fund 85)	42,205,365	23,272,673	55%	40,313,960
Special Projects	4,354,600	529,271	12%	913,255
Retiree Medical (ADC)	1,375,000	688,484	50%	369,961
Vehicle & Equipment	153,050	6,396	4%	725,877
Information Systems	857,700	358,682	42%	690,885
Plant & Pump Stat. R&R	250,000	59,366	24%	321,343
Emerg. Fund	-	-	0%	-
Cty Fee for SSC Admin.	109,000	54,994	50%	108,344
Debt Servicing:				
SRF Loans	3,902,080	2,842,433	73%	3,862,731
Total Expenses	\$ 72,939,295	\$ 28,940,207	40%	\$ 53,900,272
Total Revenue & Proceeds less Expenses	\$ 3,872,205	\$ 13,375,888		24,433,790

Operating (Work Group) Expenses

	Budget	Actual	% of Budget Used	Audited Last Year Actuals
Board of Directors	\$ 179,176	\$ 76,531	43%	\$ 145,194
General Manager/Admin.	1,066,367	511,724	48%	875,354
Business Services	4,342,141	2,098,255	48%	3,667,607
Collection Services	7,316,485	3,950,401	54%	7,350,328
Technical Services	6,639,720	3,669,785	55%	6,886,241
Treatment & Disposal Services	12,913,507	7,247,420	56%	11,901,128
Fabrication, Maint. & Construction	8,837,463	5,079,838	57%	8,898,853
Non-Departmental	910,506	638,718	70%	589,255
Total	\$ 42,205,365	\$ 23,272,673	55%	\$ 40,313,960

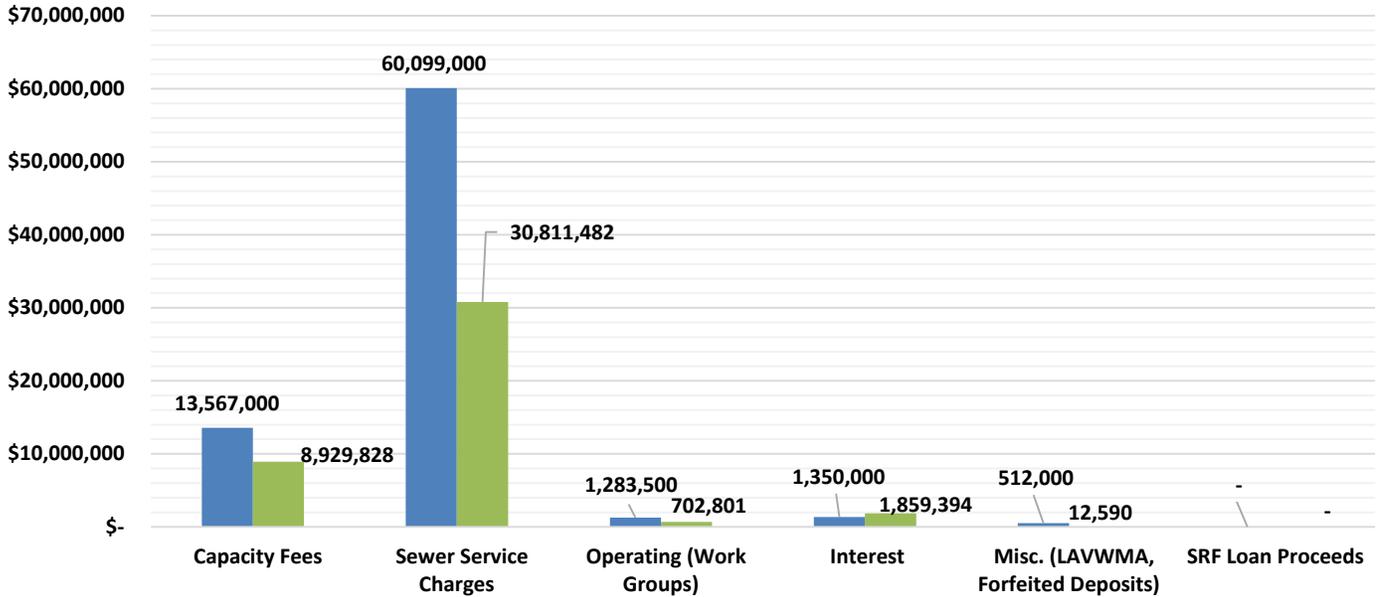
Operating (Work Group) Expenses by Type

	Budget	Actual	% of Budget Used	Last Year Actuals
Personnel (incl D&E)	\$ 28,878,209	\$ 15,803,876	55%	\$ 28,941,712
Repairs & Maintenance	2,256,400	1,402,875	62%	2,331,549
Supplies & Matls (chemicals, small tools)	3,351,150	1,645,463	49%	2,728,181
Outside Services (utilities, biosolids, legal)	7,489,606	4,407,466	59%	6,233,756
Fixed Assets	230,000	12,993	6%	78,762
Total	\$ 42,205,365	\$ 23,272,673	55%	\$ 40,313,960

REVENUES AND EXPENSES REPORT
as of 1/31/20

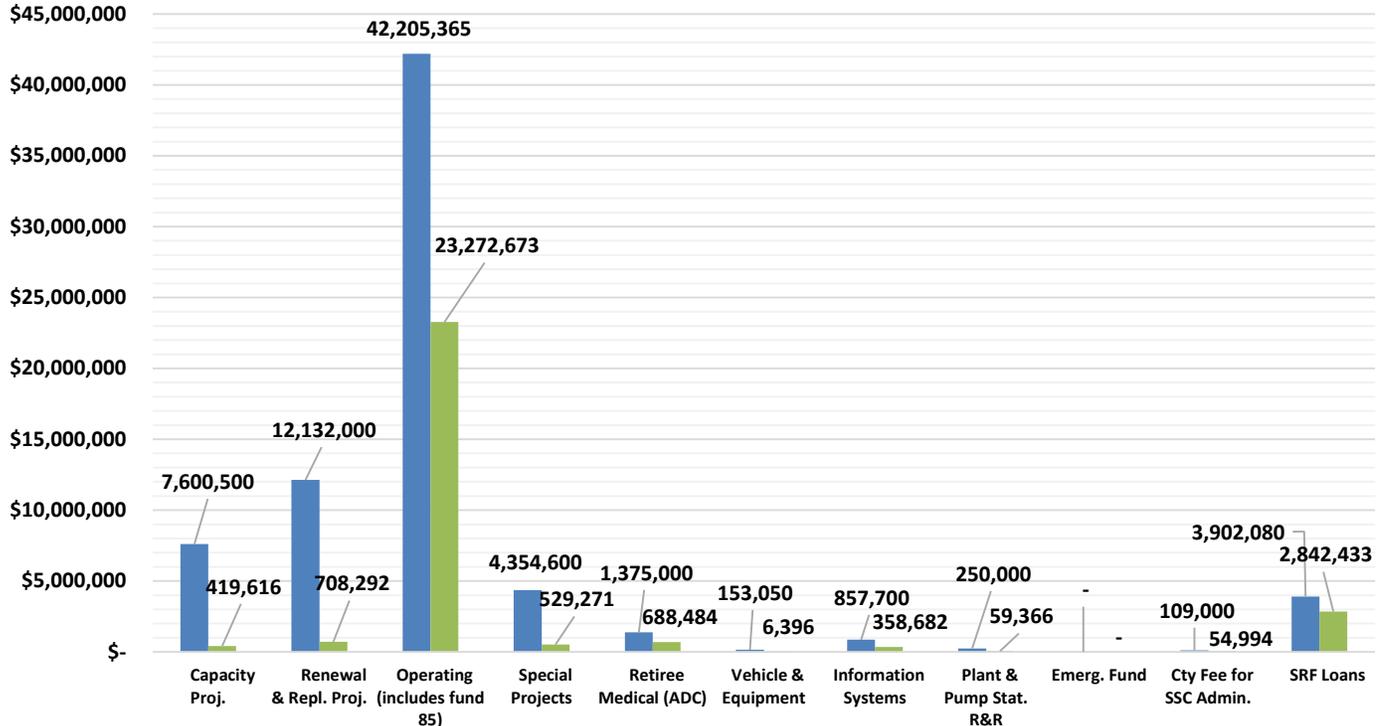
Total Revenues

■ Budget ■ Actual



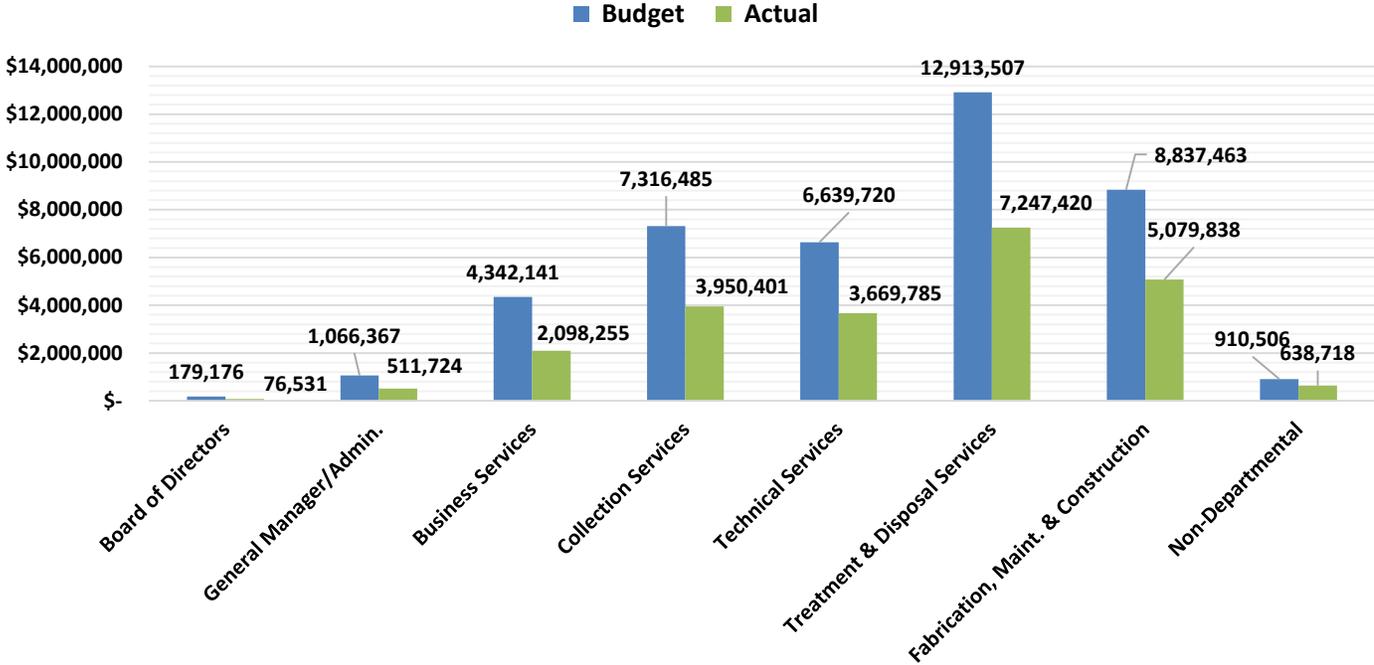
Total Expenses

■ Budget ■ Actual

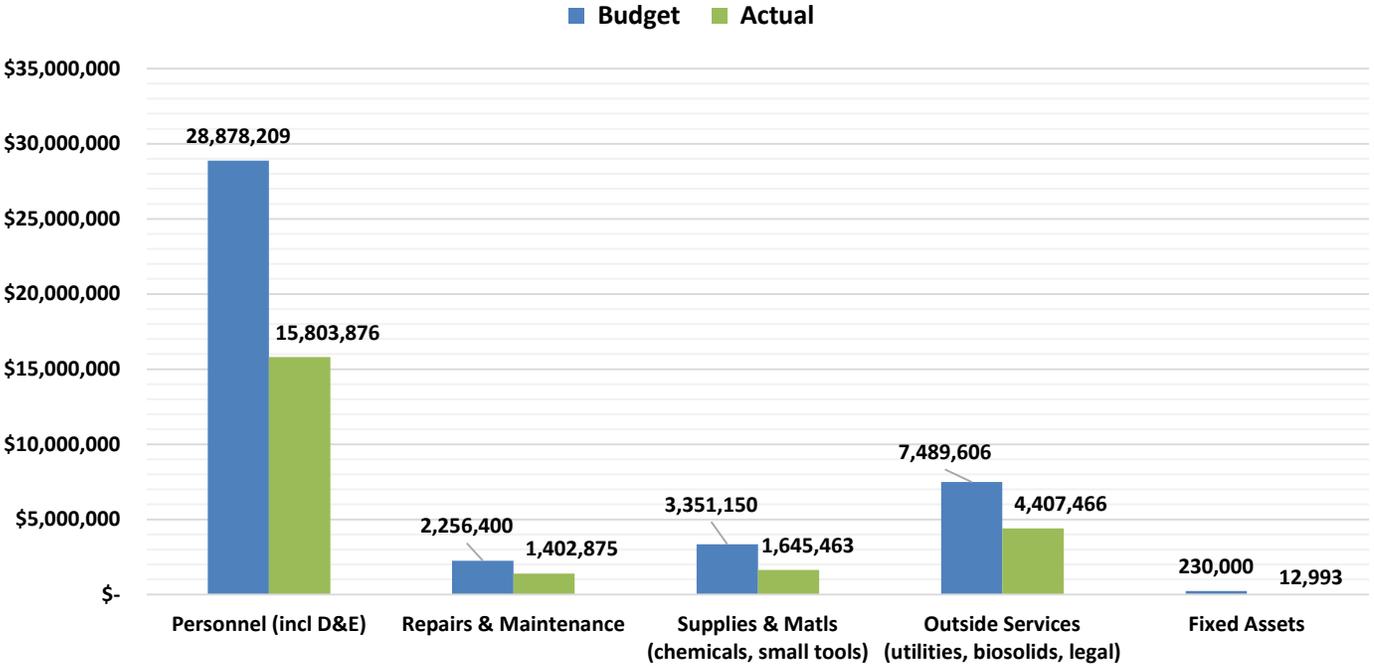


REVENUES AND EXPENSES REPORT
as of 1/31/20

Operating Expenses by Work Group

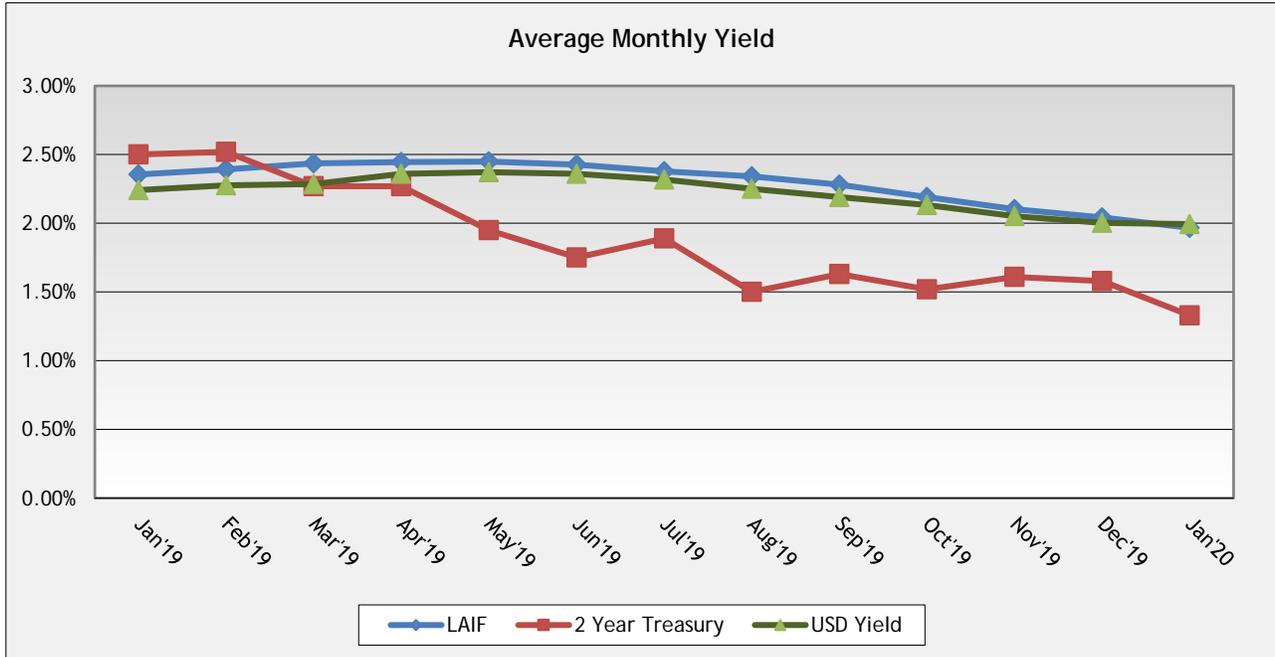


Operating Expenses by Type



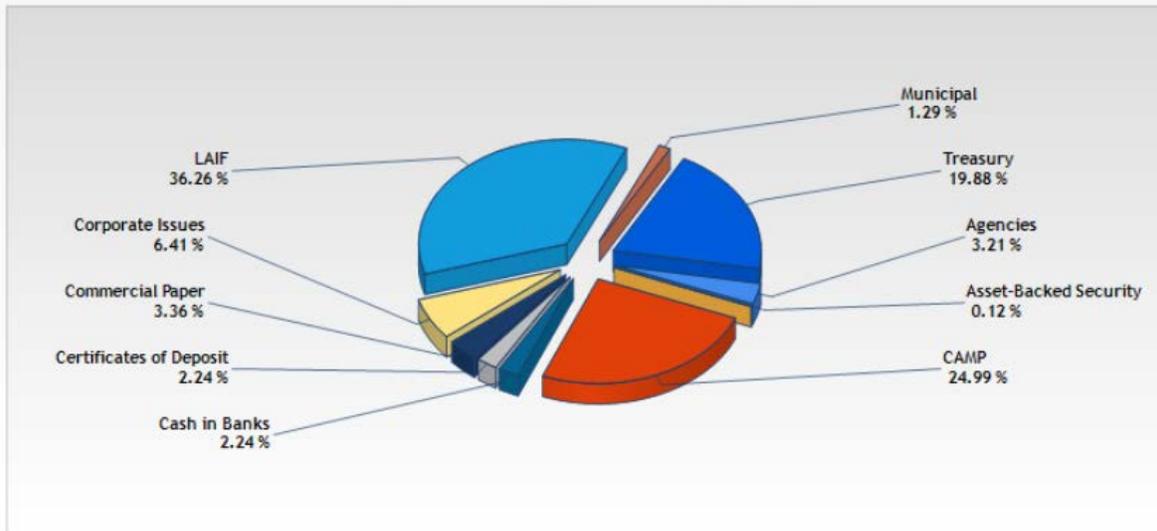
**Business Services Group
January 2020**

Performance Measures for the USD Investment Portfolio

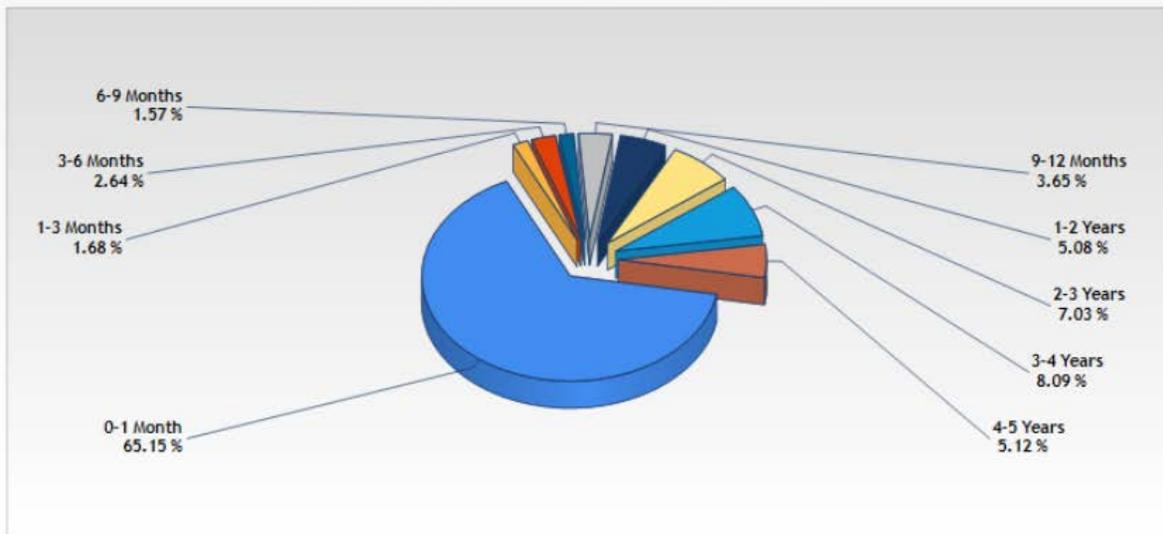


	Sep'19	Oct'19	Nov'19	Dec'19	Jan'20
LAIF	2.28%	2.19%	2.10%	2.04%	1.97%
2 Year Treasury	1.63%	1.52%	1.61%	1.58%	1.33%
USD Yield	2.19%	2.13%	2.05%	2.00%	1.99%

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	101,264,120.17	1.864	101,258,168.44	1	65.15	101,264,507.77	101,264,276.31	0.00
1-3 Months	2,625,000.00	2.810	2,617,688.40	66	1.68	2,619,469.56	2,619,054.30	0.18
3-6 Months	4,133,000.00	2.788	4,095,782.94	136	2.64	4,116,300.00	4,107,185.03	0.37
6-9 Months	2,248,000.00	2.398	2,439,145.28	212	1.57	2,281,463.46	2,273,240.98	0.57
9-12 Months	5,625,000.00	1.683	5,670,970.02	325	3.65	5,662,450.30	5,663,999.18	0.88
1-2 Years	7,893,000.00	2.066	7,887,973.03	524	5.08	7,950,301.62	7,899,478.82	1.42
2-3 Years	10,979,000.00	2.319	10,922,028.53	879	7.03	11,165,966.51	10,929,070.07	2.47
3-4 Years	12,890,000.00	2.450	12,572,177.96	1,260	8.09	13,081,763.25	12,635,972.97	3.35
4-5 Years	7,890,000.00	1.834	7,953,407.09	1,631	5.12	8,114,462.86	7,952,485.41	4.28
TOTAL / AVERAGE	155,547,120.17	1.994	155,417,341.69	295	100	156,256,685.33	155,344,763.07	0.79

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 1/31/2020

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 1.59 3/23/2020-17	3133EFR25	Moodys-Aaa	3/23/2016	1,000,000.00	1,000,000.00	1.590	1,000,010.00	1.590		3/23/2020	0.64
FFCB 1.7 5/3/2021-17	3133EF5T0	Moodys-Aaa	5/3/2016	1,000,000.00	1,000,000.00	1.700	1,000,010.00	1.700		5/3/2021	0.64
FHLB 2 10/26/2021-19	3130AB3D6	None	4/26/2017	1,000,000.00	1,000,000.00	2.000	1,009,460.00	2.000		10/26/2021	0.64
FNMA 1.5 6/16/2021-16	3136G3QX6	Moodys-Aaa	6/16/2016	1,000,000.00	995,000.00	1.500	996,640.00	1.604		6/16/2021	0.64
FNMA 1.625 10/15/2024	3135G0W66	Fitch-AAA	11/25/2019	1,000,000.00	997,860.00	1.625	1,009,930.00	1.671		10/15/2024	0.64
Sub Total / Average Agencies				5,000,000.00	4,992,860.00	1.683	5,016,050.00	1.713			3.21
Asset-Backed Security											
Carmax Auto Owner Trust 1.89 12/16/2024	14315XAC2	S&P-AAA	1/22/2020	185,000.00	184,963.70	1.890	186,550.26	1.895		12/16/2024	0.12
Sub Total / Average Asset-Backed Security				185,000.00	184,963.70	1.890	186,550.26	1.895			0.12
CAMP											
CAMP LGIP	LGIP4000	None	5/31/2011	38,841,199.87	38,841,199.87	1.780	38,841,199.87	1.780	N/A	N/A	24.99
Sub Total / Average CAMP				38,841,199.87	38,841,199.87	1.780	38,841,199.87	1.780			24.99
Cash in Banks											
Union Bank Cash	LGIPUNIONBANK	None	12/31/2016	3,487,843.26	3,487,843.26	1.220	3,487,843.26	1.220	N/A	N/A	2.24
Sub Total / Average Cash in Banks				3,487,843.26	3,487,843.26	1.220	3,487,843.26	1.220			2.24
Certificates of Deposit											
	02587DN38	None	4/5/2017	247,000.00	247,000.00	2.450	252,686.73	2.450		4/5/2022	0.16

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
American Expr Centurion 2.45 4/5/2022											
Belmont Savings Bank 2.15 3/22/2022	080515BV0	None	3/20/2017	248,000.00	248,000.00	2.150	252,000.51	2.150		3/22/2022	0.16
BMW Bank 2.15 3/10/2022	05580AGR9	None	3/10/2017	247,000.00	247,000.00	2.150	250,929.45	2.150		3/10/2022	0.16
Capital One Bank 1.5 10/26/2020	140420L99	None	10/26/2016	248,000.00	248,000.00	1.500	247,623.46	1.500		10/26/2020	0.16
Credit Agricole CIB NY 2.83 4/2/2021	22535CDU2	None	4/4/2019	575,000.00	575,000.00	2.830	582,274.73	2.830		4/2/2021	0.37
Discover Bank 2.25 12/29/2021	254672Y36	None	12/29/2016	247,000.00	247,000.00	2.250	250,695.17	2.250		12/29/2021	0.16
DNB Nor Bank ASA 2.04 12/2/2022	23341VZT1	NR	12/6/2019	430,000.00	430,000.00	2.040	438,353.70	2.040		12/2/2022	0.28
Lakeside Bank 1.75 5/29/2020	51210SMU8	None	5/30/2017	249,000.00	249,000.00	1.750	249,040.99	1.750		5/29/2020	0.16
Ponce De Leon Federal Bank 1.85 5/28/2021	732333AJ8	None	5/31/2017	249,000.00	249,000.00	1.850	249,481.82	1.850		5/28/2021	0.16
State Bank of India 2.25 1/26/2022	8562846A7	None	1/26/2017	247,000.00	247,000.00	2.250	251,011.45	2.250		1/26/2022	0.16
Summit Community Bank 1.65 5/29/2020	86604XLT1	None	5/31/2017	249,000.00	249,000.00	1.650	248,958.96	1.650		5/29/2020	0.16
Synchrony Bank 2.3 2/24/2022	87165ELT2	None	2/28/2017	247,000.00	247,000.00	2.300	251,597.02	2.300		2/24/2022	0.16
Sub Total / Average Certificates of Deposit				3,483,000.00	3,483,000.00	2.163	3,524,653.99	2.163			2.24
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	0.64
MUFG BANK LTD/NY 1.78 4/14/2020	62479LDE2	S&P-A1+	1/14/2020	1,625,000.00	1,617,688.40	1.780	1,619,459.56	3.565		4/14/2020	1.04
MUFG BANK LTD/NY 1.93 6/24/2020	62479LFQ3	Moody's-P1	10/28/2019	1,000,000.00	987,133.33	1.930	993,233.30	3.943		6/24/2020	0.64
Natixis NY Branch 0 6/9/2020	63873JF96	S&P-A1	1/14/2020	1,635,000.00	1,623,116.28	0.000	1,625,080.95	1.793		6/9/2020	1.04
Sub Total / Average Commercial Paper				5,260,000.00	5,215,471.34	1.271	5,237,759.61	3.133			3.36
Corporate Issues											
Amazon.com Inc. 2.4 2/22/2023	023135AW6	Fitch-A+	4/15/2019	675,000.00	668,499.75	2.400	690,882.75	2.664		2/22/2023	0.43

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
American Express Credit 2.7 3/3/2022	0258M0EG0	Moody's-A2	5/15/2017	1,000,000.00	1,013,279.67	2.700	1,020,340.00	2.406		3/3/2022	0.65
American Honda Finance 1.95 5/10/2023	02665WDH1	None	1/10/2020	415,000.00	414,846.45	1.950	418,253.60	1.962		5/10/2023	0.27
Bank of America Corp 4.1 7/24/2023	06053FAA7	Fitch-A	3/22/2019	500,000.00	520,405.00	4.100	538,135.00	3.087		7/24/2023	0.33
BB&T Corporation 3.05 6/20/2022-22	05531FBG7	Fitch-A+	3/22/2019	525,000.00	525,714.00	3.050	540,387.75	3.006	5/20/2022	6/20/2022	0.34
Chevron Corp 2.1 5/16/2021	166764BG4	Moody's-Aa2	5/10/2017	1,000,000.00	999,500.00	2.100	1,006,850.00	2.113		5/16/2021	0.64
Exxon Mobil Corporation 2.726 3/1/2023	30231GAR3	Moody's-Aaa	6/14/2019	985,000.00	1,001,400.25	2.726	1,015,584.25	2.256		3/1/2023	0.64
GE Capital International 2.04 11/15/2020	36164QMS4	S&P-AA	3/10/2017	1,000,000.00	1,010,642.28	2.040	1,003,380.00	1.738		11/15/2020	0.65
HSBC 4.875 8/24/2020	4042Q1AE7	Moody's-A1	5/17/2016	2,000,000.00	2,191,145.28	4.875	2,033,840.00	2.500		8/24/2020	1.41
JPMorgan Chase & Co 2.7 5/18/2023-23	46625HRL6	Fitch-A+	3/22/2019	525,000.00	517,970.25	2.700	539,621.25	3.045	3/18/2023	5/18/2023	0.33
Paccar Financial Corp 2.65 5/10/2022	69371RP83	None	5/10/2019	580,000.00	579,686.80	2.650	592,771.60	2.669		5/10/2022	0.37
State Street Corp 1.95 5/19/2021	857477AV5	Fitch-AA-	3/22/2019	530,000.00	520,566.00	1.950	532,962.70	2.805		5/19/2021	0.33
Sub Total / Average Corporate Issues				9,735,000.00	9,963,655.73	3.052	9,933,008.90	2.450			6.41
LAIF											
LAIF LGIP	LGIP1002	None	4/30/2011	56,355,077.04	56,355,077.04	1.967	56,355,077.04	1.967	N/A	N/A	36.26
Sub Total / Average LAIF				56,355,077.04	56,355,077.04	1.967	56,355,077.04	1.967			36.26
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	502,150.00	2.125		6/1/2021	0.32
State of California 2.152 4/1/2022	13063DAD0	Moody's-Aa3	4/27/2017	1,000,000.00	1,010,000.00	2.152	1,015,180.00	1.938		4/1/2022	0.65
Victor Valley College General Obligation Bond 2.35	92603PER9	Moody's-Aa2	12/28/2016	500,000.00	490,150.00	2.350	502,500.00	2.811		8/1/2021	0.32
Sub Total / Average Municipal				2,000,000.00	2,000,150.00	2.194	2,019,830.00	2.199			1.29
Treasury											
T-Bill 0 2/6/2020	912796TE9	None	9/27/2019	335,000.00	332,795.14	0.000	334,959.80	1.832		2/6/2020	0.21

Description	CUSIP/Ticker	Credit Rating 1	Settlement Date	Face Amount/Shares	Cost Value	Coupon Rate	Market Value	YTM @ Cost	Next Call Date	Maturity Date	% of Portfolio
T-Bill 0 2/6/2020	912796TE9	None	10/3/2019	1,000,000.00	993,918.75	0.000	999,880.00	1.772		2/6/2020	0.64
T-Note 1.25 7/31/2023	912828S92	Fitch-AAA	4/2/2019	1,790,000.00	1,712,806.25	1.250	1,786,706.40	2.302		7/31/2023	1.10
T-Note 1.375 6/30/2023	912828S35	Fitch-AAA	3/20/2019	2,000,000.00	1,914,609.38	1.375	2,004,220.00	2.431		6/30/2023	1.23
T-Note 1.375 9/30/2023	912828T26	Fitch-AAA	3/20/2019	2,000,000.00	1,909,531.25	1.375	2,004,920.00	2.436		9/30/2023	1.23
T-Note 1.5 3/31/2023	912828Q29	Fitch-AAA	3/20/2019	2,000,000.00	1,929,140.63	1.500	2,012,340.00	2.428		3/31/2023	1.24
T-Note 1.75 7/15/2022	9128287C8	Fitch-AAA	7/31/2019	1,000,000.00	998,789.06	1.750	1,010,270.00	1.792		7/15/2022	0.64
T-Note 1.75 9/30/2022	912828L57	Fitch-AAA	3/20/2019	1,815,000.00	1,773,737.11	1.750	1,835,709.15	2.426		9/30/2022	1.14
T-Note 1.875 2/28/2022	912828W55	Fitch-AAA	4/2/2019	1,050,000.00	1,037,572.27	1.875	1,061,361.00	2.298		2/28/2022	0.67
T-Note 1.875 8/31/2024	912828U3	Fitch-AAA	9/3/2019	780,000.00	797,732.81	1.875	798,829.20	1.402		8/31/2024	0.51
T-Note 2 4/30/2024	912828X70	Fitch-AAA	6/7/2019	960,000.00	964,875.00	2.000	986,812.80	1.891		4/30/2024	0.62
T-Note 2 6/30/2024	912828XX3	Fitch-AAA	7/3/2019	500,000.00	505,156.25	2.000	514,415.00	1.783		6/30/2024	0.33
T-Note 2.125 1/31/2021	912828B58	Fitch-AAA	10/28/2019	2,475,000.00	2,488,535.16	2.125	2,489,800.50	1.683		1/31/2021	1.60
T-Note 2.125 11/30/2024	9128283J7	S&P-AA+	1/2/2020	1,500,000.00	1,533,457.03	2.125	1,555,545.00	1.650		11/30/2024	0.99
T-Note 2.125 12/31/2022	912828N30	Fitch-AAA	3/20/2019	1,170,000.00	1,157,340.24	2.125	1,197,144.00	2.426		12/31/2022	0.74
T-Note 2.125 2/29/2024	912828W48	Fitch-AAA	3/20/2019	2,000,000.00	1,970,625.00	2.125	2,063,760.00	2.442		2/29/2024	1.27
T-Note 2.125 6/30/2022	912828XG0	Fitch-AAA	3/20/2019	1,420,000.00	1,406,909.38	2.125	1,447,235.60	2.418		6/30/2022	0.91
T-Note 2.125 7/31/2024	9128282N9	Fitch-AAA	8/29/2019	965,000.00	998,737.30	2.125	998,620.60	1.388		7/31/2024	0.64
T-Note 2.25 12/31/2023	912828V23	Fitch-AAA	3/20/2019	2,000,000.00	1,982,968.75	2.250	2,071,100.00	2.439		12/31/2023	1.28
T-Note 2.25 2/29/2020	9128283Y4	Fitch-AAA	10/28/2019	1,245,000.00	1,247,334.38	2.250	1,245,547.80	1.690		2/29/2020	0.80
T-Note 2.625 11/15/2020	912828PC8	Fitch-AAA	11/15/2019	1,170,000.00	1,181,380.08	2.625	1,179,734.40	1.640		11/15/2020	0.76
T-Note 2.75 11/30/2020	9128285Q9	Fitch-AAA	11/29/2019	980,000.00	990,412.50	2.750	989,535.40	1.677		11/30/2020	0.64
T-Note 2.75 8/15/2021	9128284W7	Fitch-AAA	10/28/2019	1,045,000.00	1,064,757.03	2.750	1,066,265.75	1.678		8/15/2021	0.69
Sub Total / Average Treasury				31,200,000.00	30,893,120.75	1.873	31,654,712.40	2.074			19.88
Total / Average				155,547,120.17	155,417,341.69	1.929	156,256,685.33	1.994			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: 12/31/2019, End Date: 01/31/2020

Description	CUSIP/Ticker	Face Amount/Shares	Principal	Interest/Dividends	Coupon Rate	YTM @ Cost	Settlement Date	Total
Buy								
American Honda Finance 1.95 5/10/2023	02665WDH1	415,000.00	414,846.45	0.00	1.950	1.962	1/10/2020	414,846.45
Carmax Auto Owner Trust 1.89 12/16/2024	14315XAC2	185,000.00	184,963.70	0.00	1.890	1.895	1/22/2020	184,963.70
FHLB 0 1/22/2020	313384SC4	185,000.00	184,946.40	0.00	0.000	1.490	1/15/2020	184,946.40
MUFG BANK LTD/NY 1.78 4/14/2020	62479LDE2	1,625,000.00	1,617,688.40	0.00	1.780	3.565	1/14/2020	1,617,688.40
Natixis NY Branch 0 6/9/2020	63873JF96	1,635,000.00	1,623,116.28	0.00	0.000	1.793	1/14/2020	1,623,116.28
T-Bill 0 1/14/2020	912796WN5	3,243,000.00	3,242,341.27	0.00	0.000	1.483	1/9/2020	3,242,341.27
T-Note 2.125 11/30/2024	9128283J7	1,500,000.00	1,533,457.03	2,873.98	2.125	1.650	1/2/2020	1,536,331.01
Sub Total / Average Buy		8,788,000.00	8,801,359.53	2,873.98				8,804,233.51
Deposit								
CAMP LGIP	LGIP4000	58,555.45	58,555.45	0.00	N/A	0.000	1/31/2020	58,555.45
LAIF LGIP	LGIP1002	254,466.91	254,466.91	0.00	N/A	0.000	1/15/2020	254,466.91
Union Bank Cash	LGIPUNIONBANK	3,487,843.26	3,487,843.26	0.00	N/A	0.000	1/31/2020	3,487,843.26
Sub Total / Average Deposit		3,800,865.62	3,800,865.62	0.00				3,800,865.62
Interest								
Bank of America Corp 4.1 7/24/2023	06053FAA7	0.00	0.00	10,250.00	4.100	0.000	1/24/2020	10,250.00
CAMP LGIP	LGIP4000	0.00	0.00	58,555.45	N/A	0.000	1/31/2020	58,555.45
LAIF LGIP	LGIP1002	0.00	0.00	254,466.91	N/A	0.000	1/15/2020	254,466.91
Lakeside Bank 1.75 5/29/2020	51210SMU8	0.00	0.00	370.09	1.750	0.000	1/30/2020	370.09
Ponce De Leon Federal Bank 1.85 5/28/2021	732333AJ8	0.00	0.00	391.24	1.850	0.000	1/31/2020	391.24
State Bank of India 2.25 1/26/2022	8562846A7	0.00	0.00	2,801.59	2.250	0.000	1/27/2020	2,801.59
Summit Community Bank 1.65 5/29/2020	86604XLT1	0.00	0.00	348.94	1.650	0.000	1/31/2020	348.94
T-Note 1.25 7/31/2023	912828S92	0.00	0.00	11,187.50	1.250	0.000	1/31/2020	11,187.50
T-Note 1.75 7/15/2022	9128287C8	0.00	0.00	8,750.00	1.750	0.000	1/15/2020	8,750.00
T-Note 2.125 1/31/2021	912828B58	0.00	0.00	26,296.88	2.125	0.000	1/31/2020	26,296.88

Description	CUSIP/Ticker	Face Amount/Shares	Principal	Interest/Dividends	Coupon Rate	YTM @ Cost	Settlement Date	Total
T-Note 2.125 7/31/2024	9128282N9	0.00	0.00	10,253.13	2.125	0.000	1/31/2020	10,253.13
Sub Total / Average Interest		0.00	0.00	383,671.73				383,671.73
Matured								
FHLB 0 1/22/2020	313384SC4	185,000.00	185,000.00	0.00	0.000	0.000	1/22/2020	185,000.00
T-Bill 0 1/14/2020	912796WN5	3,243,000.00	3,243,000.00	0.00	0.000	0.000	1/14/2020	3,243,000.00
T-Bill 0 1/2/2020	912796RT8	1,500,000.00	1,500,000.00	417.23	0.000	0.000	1/2/2020	1,500,417.23
T-Bill 0 1/7/2020	912796WM7	3,243,000.00	3,243,000.00	1,036.58	0.000	0.000	1/7/2020	3,244,036.58
Sub Total / Average Matured		8,171,000.00	8,171,000.00	1,453.81				8,172,453.81
Sell								
T-Bill 0 1/7/2020	912796WM7	37,000.00	36,992.81	0.00	0.000	0.000	1/2/2020	36,992.81
T-Note 1.75 9/30/2022	912828L57	185,000.00	185,845.51	946.48	1.750	0.000	1/15/2020	186,791.99
T-Note 2.125 12/31/2022	912828N30	410,000.00	416,646.48	239.35	2.125	0.000	1/10/2020	416,885.83
Sub Total / Average Sell		632,000.00	639,484.80	1,185.83				640,670.63
Withdraw								
LAIF LGIP	LGIP1002	3,000,000.00	3,000,000.00	0.00	N/A	0.000	1/23/2020	3,000,000.00
LAIF LGIP	LGIP1002	2,000,000.00	2,000,000.00	0.00	N/A	0.000	1/13/2020	2,000,000.00
Union Bank Cash	LGIPUNIONBANK	3,274,649.50	3,274,649.50	0.00	N/A	0.000	1/30/2020	3,274,649.50
Sub Total / Average Withdraw		8,274,649.50	8,274,649.50	0.00				8,274,649.50

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

Capital Improvement Program

Alvarado Influent Pump Station Improvements Project – Submittals review in progress.

Headworks Screens Replacement Project - Submittals review in progress.

Primary Digester No. 2 Rehabilitation Project – Notice to Proceed was issued to the contractor on January 6th.

Primary Digester No. 3 Rehabilitation Project – Project was accepted by the Board on January 27th.

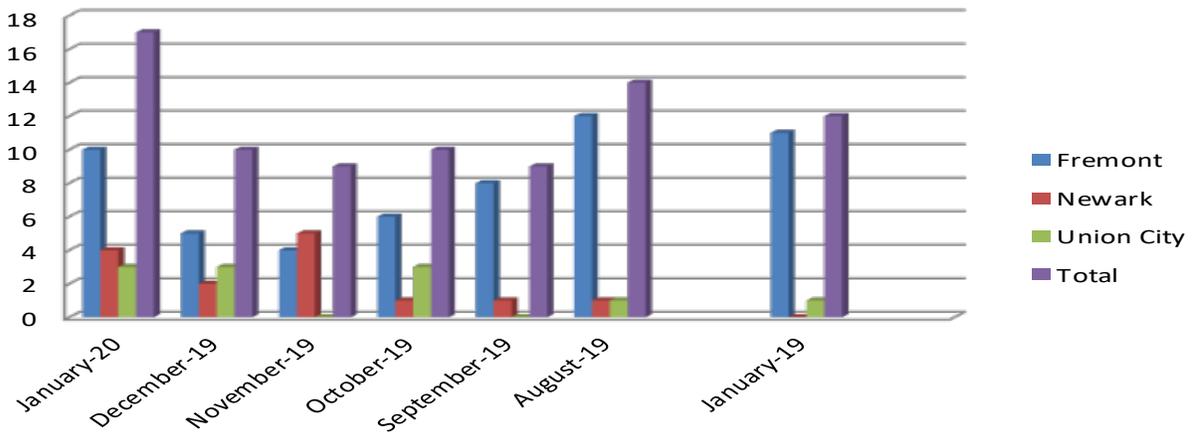
Sludge Degritter System Project – Evaluation of new Degritter performance in progress.

Wet Weather Flow Management - Calcium Thiosulfate Chemical Tank Project – Project is substantially complete and project close out is in progress.

Customer Service

Trouble Calls dispatched from the Front Desk during business hours:

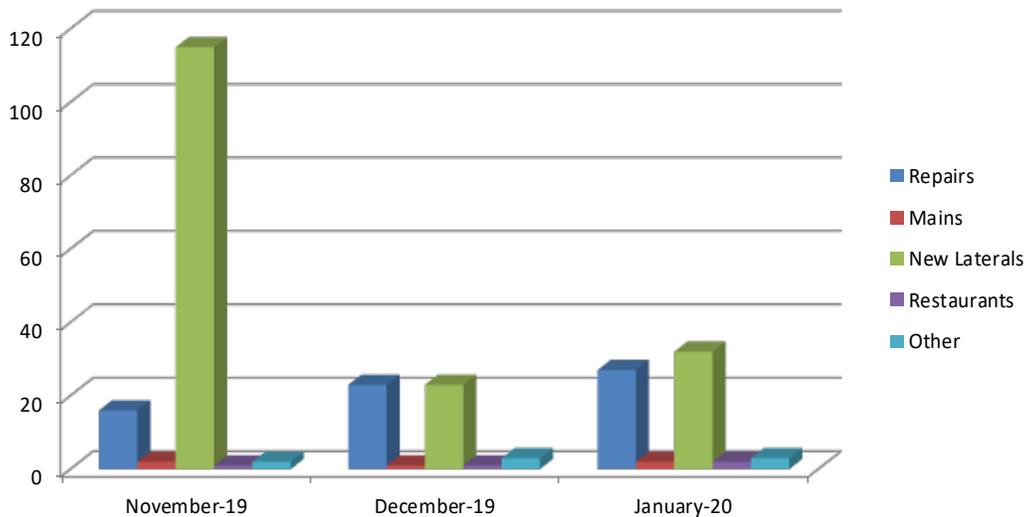
Month	Fremont	Newark	Union City	Total
January-20	10	4	3	17
December-19	5	2	3	10
November-19	4	5	0	9
October-19	6	1	3	10
September-19	8	1	0	9
August-19	12	1	1	14
January-19	11	0	1	12
6-Month Total				69



Sewer Permits Issued

Month	Repairs	Mains	New Laterals	Restaurants	Other
January-20	27	2	32	2	3
December-19	23	1	23	1	3
November-19	16	2	115	1	2

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



Communication

- Social Media posts:
 - Never Flush Wipes
 - Plant Operator III Trainee recruitment
 - CFO recruitment
 - CS I recruitment
 - Only rain down the storm drain
 - Martin Luther King holiday office closure notice
 - Nutrients in the SF Bay
 - Plant Tour announcement
 - Nutrients in the SF Bay (part 2)
- Website: Updated 2019 Spill record on Mission, Facts, and History page
- Continued activities regarding District Branding initiative
- Developed content for future outreach materials
- Attended Ohlone College President’s Advisory Committee meeting
- Attended Newark Optimist Club meeting
- Participated in Chamber of Commerce Board activities as Director and Past-President
 - January evening meeting

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 89 Stormwater (Urban Runoff), and 79 FOG (restaurant) inspections. During this reporting period, Inspectors identified 11 Stormwater and 29 FOG enforcement actions. Four (4) of the Stormwater enforcements resulted in administrative fines ranging from \$100 to \$200. None of the administrative fines were for illicit discharges or for repeated violations.

Urban Runoff Inspections and Enforcements

January 2020	No. of UR Inspections	VW	WL	NOV	AF	LA	NOD	Total Enforcements	No. of Illicit Discharge/s	0
	89	4	0	3	4	0	0	11	% Enforcement	12%

FOG Inspections and Enforcements

January 2020	No. of FOG Inspections	VW	WL	NOV	AF	LA	NOD	Total Enforcements	% Enforcement	37%
	79	3	21	0	0	0	5	29		

Enforcements:

VW – Verbal Warning

AF – Administrative Fine

AO – Administrative Order

WL – Warning Letter

LA – Legal Action

C&D – Cease & Desist Order

NOV – Notices of Violation

NOD – Notice of Deficiency

SNC – Significant Non-Compliance

Dental Inspections, School Outreach, and Plant Tours

# of Dental Inspections	# of School Outreach Events	# of Plant Tours
8	17	None

Industrial Pretreatment

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

Pending Permits

New Industrial/Groundwater Permits	Groundwater/Temporary
N7K (Neuralink)	Preston Pipelines @ Kaiser Dr. (Facebook)
Silicon Valley RO DI	
Rigetti Computing	
Facebook Commissary	

Permits Issued

Company Name	Date Permit Issued
Union Pacific Railroad (c/o Jacobs) @Shinn St.	1/28/2020 (GW PERMIT)

Industrial Permit Closures

Company Name	Date of Closure
None	

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

Report Name	Date Report Completed and Submitted
None	

Enforcement Action

IU Name & Nature of Business	Comments	City	Parameter Violated	Discharge concentration (mg/L)	USD/Fed Limit Violated(mg/L)	Enforcement
Raxium, Inc. R&D and Manufacturing of LED's	NOV N19-012	F	Cyanide	6.9	0.65 Local Limit	NOV
Confluent Medical Technologies: Manufacturing of medical devices	NOV N19-013	F	Nickel	7.7 Federal Daily Max, 3.21 Federal Monthly Average	3.98 Federal Daily Max, 2.38 Federal Monthly Average	NOV
Kimco Realty @ Fremont Hub (Not a Permitted Industry): Property Management Company	NOV N20-001: Violation issued because a Sanitary Sewer Overflow (SSO) occurred more than once at the same location (1/11/19 and 11/2/19). Kimco required to video the private lateral to determine if further repair or replacement of the sewer line is required	F	Prohibited discharge of mud and debris into USD sewer line on Argonaut as a result of clearing the collapsed private lateral	NA	Sewer Use Ordinance 36.04, Section 2.01.1 (b)(2) and (16)	NOV

(1) *WL – Warning Letter*

C&D – Cease and Desist Order

NOV – Notices of Violation

SNC – Significant Non-Compliance

AO – Administrative Order

EM – Enforcement Meeting

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

Activity	Date of Event	Attendees
None		

Engineering/Construction

No. of projects under construction: 6

	Construction Projects	Capital (\$1000)	Scheduled Completion	Completed Scope	Completed Time	Comments for January 2020 Activities
1.	Alvarado Influent Pump Station Improvements Project – Thomas	\$8,890	10/21	0%	13%	Submittals review in progress.
2.	Headworks Screens Replacement Project – Thomas	\$1,822	11/20	0%	29%	Submittals review in progress.
3.	Primary Digester No. 2 Rehabilitation Project – Derek	\$3,058	10/20	0%	10%	Notice to Proceed was issued on January 6 th .
4.	Primary Digester No. 3 Rehabilitation – Derek	\$2,410	03/19	100%	100%	Project accepted by the Board on January 27 th .
5.	Sludge Degritter System Project – Kevin	\$1,436	10/19	95%	100%	Evaluation of Degritter performance in progress.
6.	Wet Weather Flow Management - Calcium Thiosulfate Chemical Tank Project - Kevin	\$257	01/20	100%	100%	Project is substantially complete, and project close out is in progress.

Design/Study

No. of projects in design/study phase: 18

	Design/Study Projects	Capital (\$1000)	Scheduled Completion	Completed Scope	Completed Time	Comments for January 2020 Activities
1.	Aeration Blower No. 11 Project - Derek	\$123	06/20	30%	39%	Basis of design technical memo review workshop held on January 6 th . 50% design submittal is in progress.
2.	Alvarado Influent Valve Box Rehabilitation Project – Kevin	\$89	01/20	100%	100%	Bids were opened on January 14 th and Notice of Award issued January 31 st . Fabrication of pre-purchased valves in progress.
3.	Cathodic Protection System Improvements Project - Thomas	\$87	07/20	0%	8%	Project kickoff meeting held on January 30 th .
4.	Centrifuge Building Improvements Project – Somporn	\$574	08/20	50%	55%	50% design documents submitted to District for review.
5.	Cogeneration Feasibility Study – Somporn	\$92	02/20	80%	90%	Alternative technologies evaluation in progress.
6.	Emergency Outfall Improvements Project – Andrew	\$365	04/19	97%	100%	Permitting and easement acquisition in progress. Ridgway's Rail survey on January 22 nd detected presence.
7.	Force Main Condition Assessment – Andrew	\$121	10/20	60%	80%	Next round of inspection will be scheduled with the next phase of Force Main Corrosion Repairs project.
8.	Force Main Corrosion Repairs Project Phase 3 – Andrew	\$60	02/19	75%	85%	Project construction is pending the completion of Force Main relocation project.
9.	Gravity Sewer Rehabilitation / Replacement Project – Phase VII – Andrew	\$176	03/20	50%	65%	Geotechnical borings were completed. 50% design documents submitted to District for review.
10.	Irvington and Newark Odor Control Study - Kevin	\$99	12/19	85%	85%	Initial findings and recommendations completed. Draft odor study report in progress.
11.	Newark Basin Masterplan – Andrew	\$318	08/19	100%	100%	Final report completed and finalized.

	Design/Study Projects	Capital (\$1000)	Scheduled Completion	Completed Scope	Completed Time	Comments for January 2020 Activities
12.	Odor Control Alternatives Study – Kevin	\$465	07/19	99%	100%	Report will be finalized after the pilot testing project is completed.
13.	Odor Control Pilot Study - Somporn	\$99	12/20	30%	30%	RFP for odor control pilot unit scheduled for advertisement in February.
14.	Plant Network Architecture Study – Somporn	\$100	12/19	95%	100%	Follow-up workshop held on January 29 th . Final Report due late February.
15.	Plant Paving Project – Somporn	In-house	01/20	100%	100%	Project construction advertised on January 14 th . Pre-bid conference held on January 28 th .
16.	Primary Digester No. 7 Project – Curtis	\$1,904	06/19	100%	100%	Construction contract was awarded January 13 th .
17.	Standby Power Generation System Upgrade Project – Kevin	\$2,019	11/20	63%	63%	Review of CWSRF design submittal and preparation of pre-selection bid documents in progress.
18.	WAS Thickener Replacement Project – Derek	\$284	05/19	40%	100%	Thickening technology evaluation in progress.

COLLECTION SERVICES ACTIVITIES REPORT JANUARY 2020

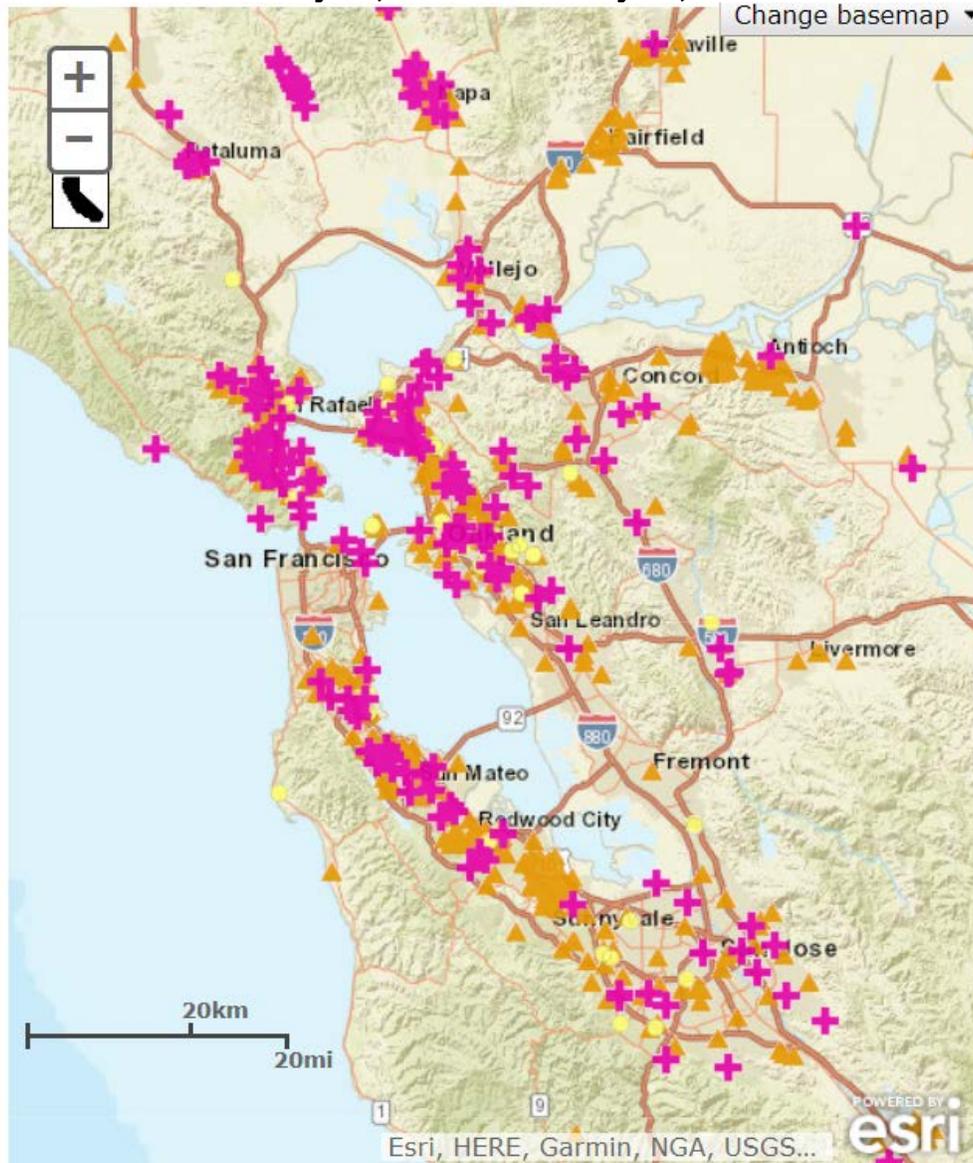
Progress/Accomplishments

- No Spills in January.
- Completed 22.3 miles of sewer main cleaning in January.
- Completed 13.0 miles of sewer main inspection in January.
- Responded to 20 service request calls in January.
- Completed a total of 14 sewer main repairs in January.

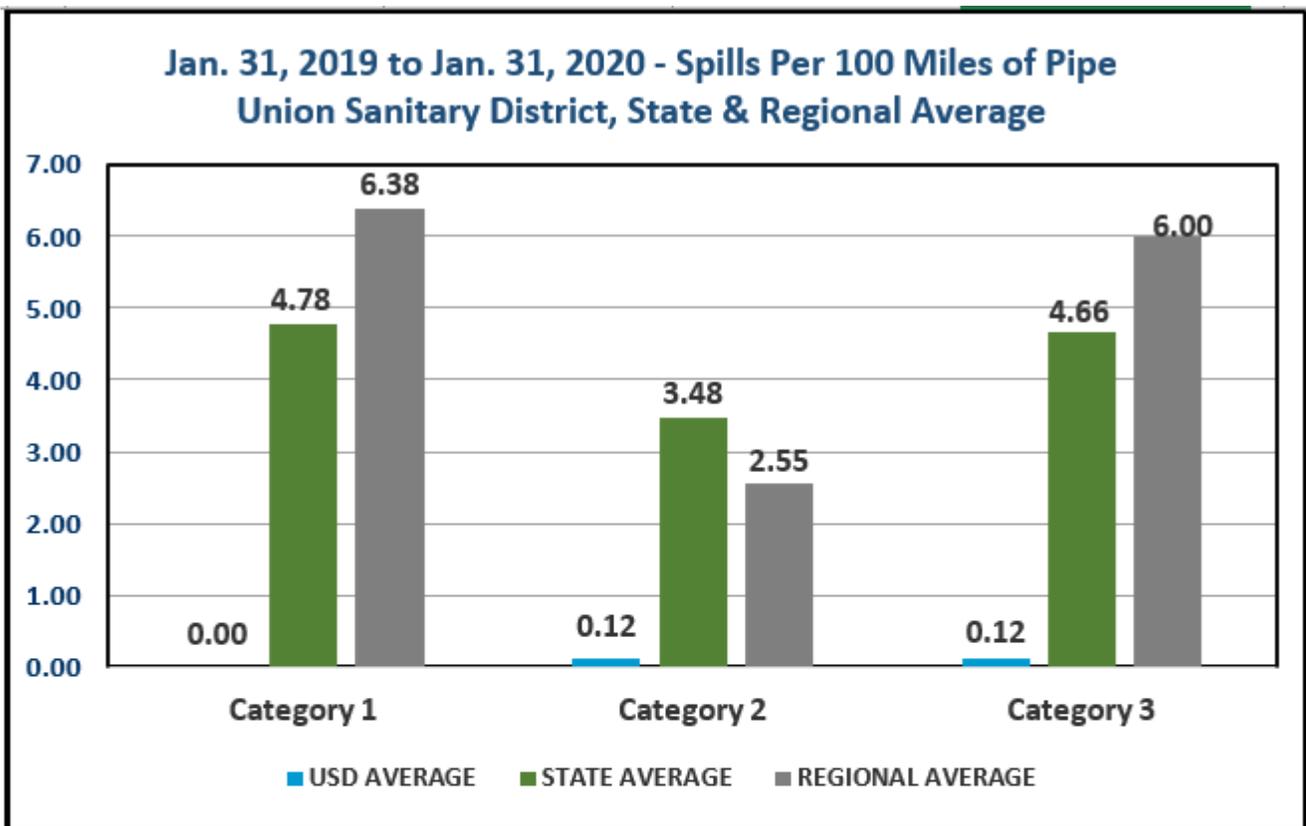
Trainings

- ARC GIS Training

**Reported Bay Area Spills
January 31, 2019 to January 31, 2020**



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



Spill Rate Statistics - January 31, 201 to January 31, 2020

Spills per 100 Miles of Pipe

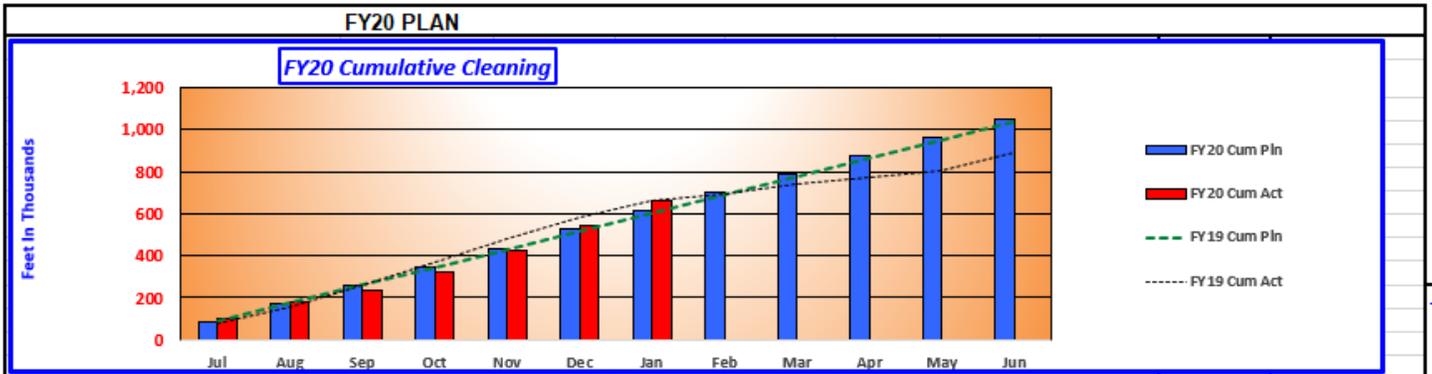
	Category 1	Category 2	Category 3
USD AVERAGE	0.00	0.12	0.12
STATE AVERAGE	4.78	3.48	4.66
REGIONAL AVERAGE	6.38	2.55	6.00

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

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

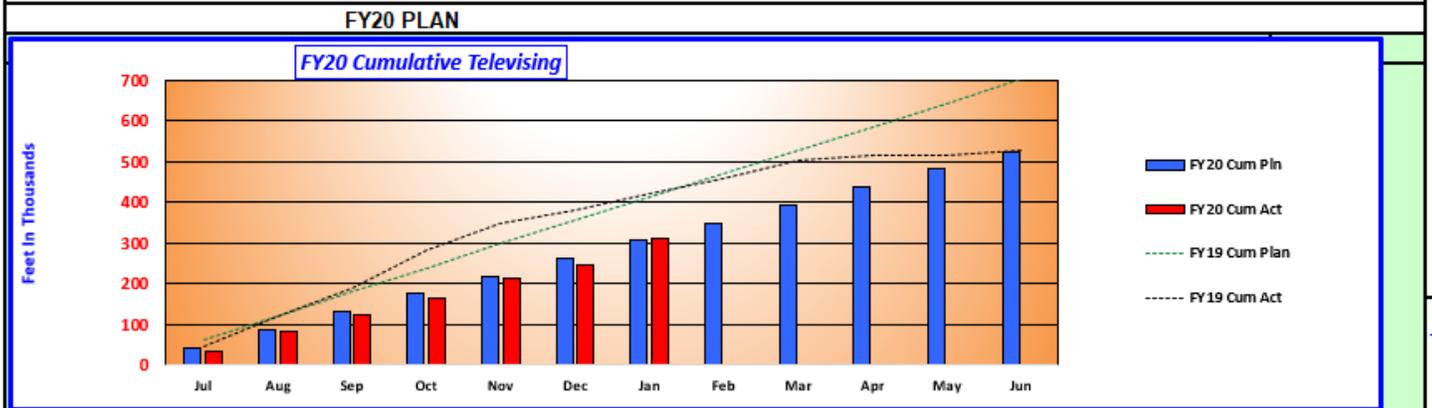
Category 3 - 1,000 gallons or less, does not reach surface waters, full captured

Performance Measures



Cleaning Actual Footages/Costs **Jan-20 Clean Cost/Ft = \$0.91**

Description	FY20 Q1 Footage	Oct-19 Footages	Nov-19 Footages	Dec-19 Footages	FY20 Q2 Footage	Jan-19 Footage	FY20 YTD Footage	FY20 YE Goal	% Cmpl to Plan
84 Month Hydro-jet Clean	168,654	27,760	54,092	41,482	123,334	55,441	347,429	605,190	57.4%
Selective Line Cleaning	34,570	16,275	2,572	26,647	45,494	39,530	119,594	114,574	104.4%
Special Condition Clean	4,456	270	0	924	1,194	238	5,888	31,599	18.6%
Root Control/Chemical Cln	30,594	39,215	47,927	49,002	136,144	22,348	189,086	298,028	63.4%
Cast Iron Proj/Other (not included in Cost Per Foot)	0	0	0	0	0	0	0	0	
Totals	238,274	83,520	104,591	118,055	306,166	117,557	661,997	1,049,391	63.1%

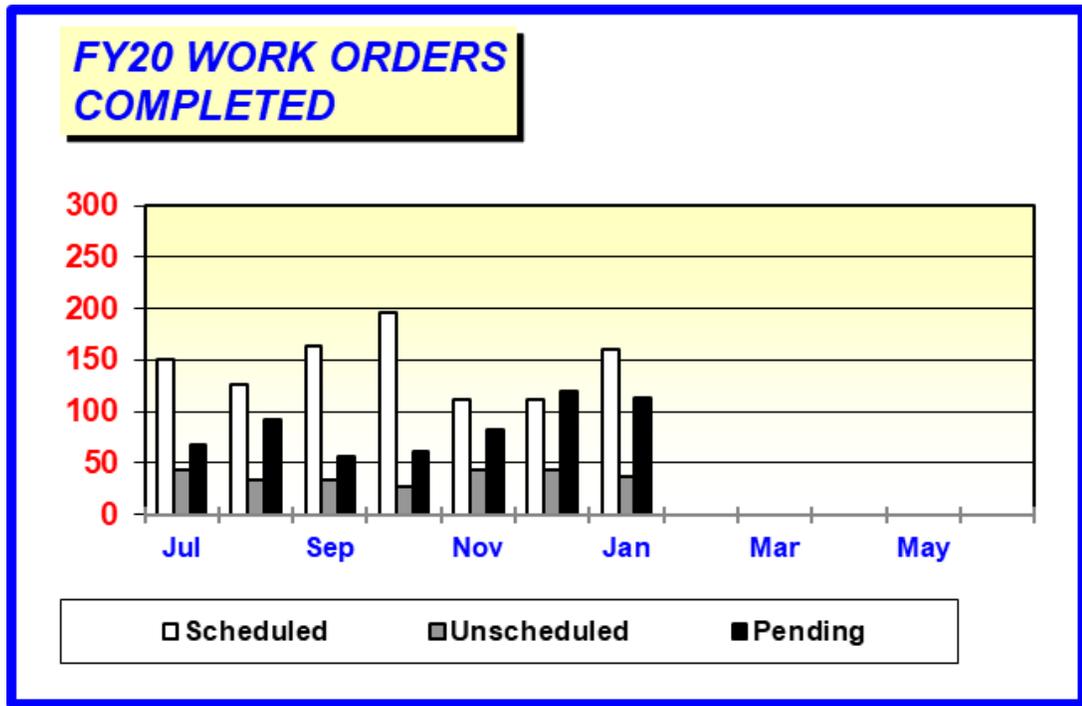


Televising Actual Footages/Costs **Jan-20 TV Cost/Ft = \$1.12**

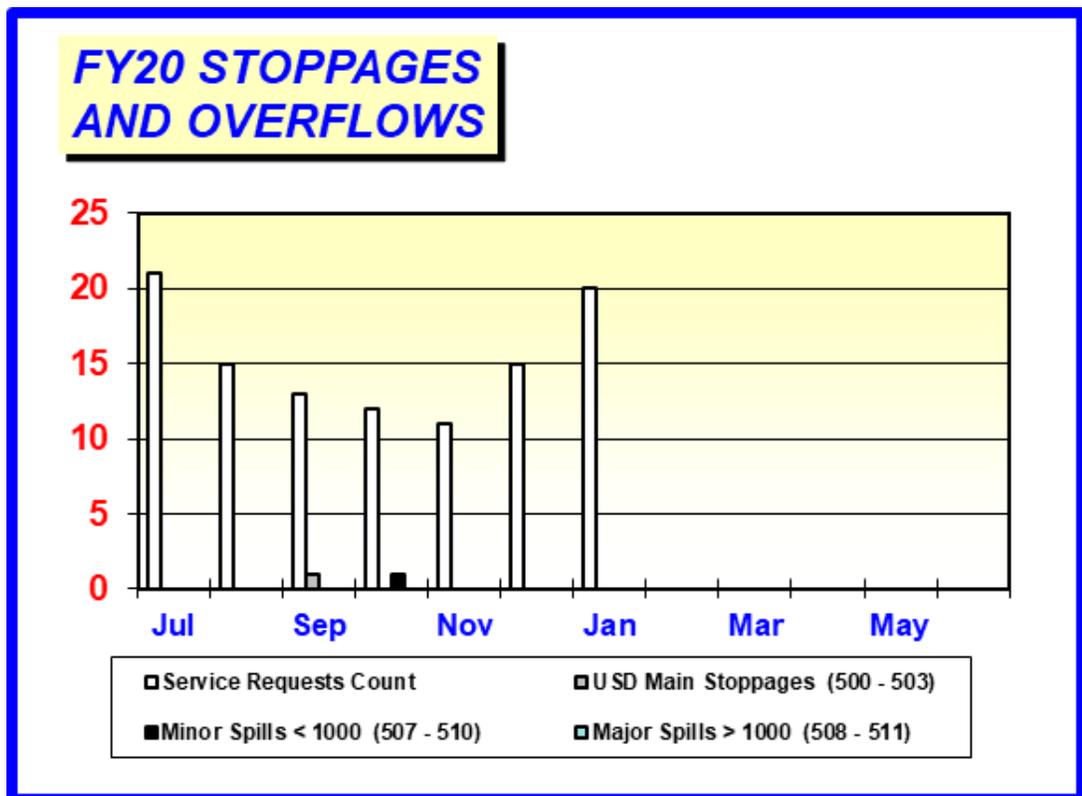
Description	FY20 Q1 Footage	Oct-19 Footages	Nov-19 Footages	Dec-19 Footages	FY20 Q2 Footage	Jan-19 Footage	FY20 YTD Footage	FY20 YE Goal	% Cmpl to Plan
84 Month TV Inspection	107,959	28,126	37,670	15,044	80,840	64,497	253,296	416,533	60.8%
Visual/Condition, Pre/Post Cnst TV	1,644	1,315	3,807	4,560	9,682	0	11,326	23,481	48.2%
New Development, CIP, Misc.	7,845	5,410	6,132	902	12,444	1,543	21,832	44,852	48.7%
QA/QC Line Condition	0	0	0	10,048	10,048	2,504	12,552	17,186	73.0%
QA/QC Root Control	5,198	8,632	0	0	8,632	0	13,830	22,352	61.9%
Totals	122,646	43,483	47,609	30,554	121,646	68,544	312,836	524,404	59.7%

Other Collection Services Status Data:

Support Team Work Order Status:



C/S Maintenance Status:



Fabrication, Maintenance and Construction Activities Report January 2020

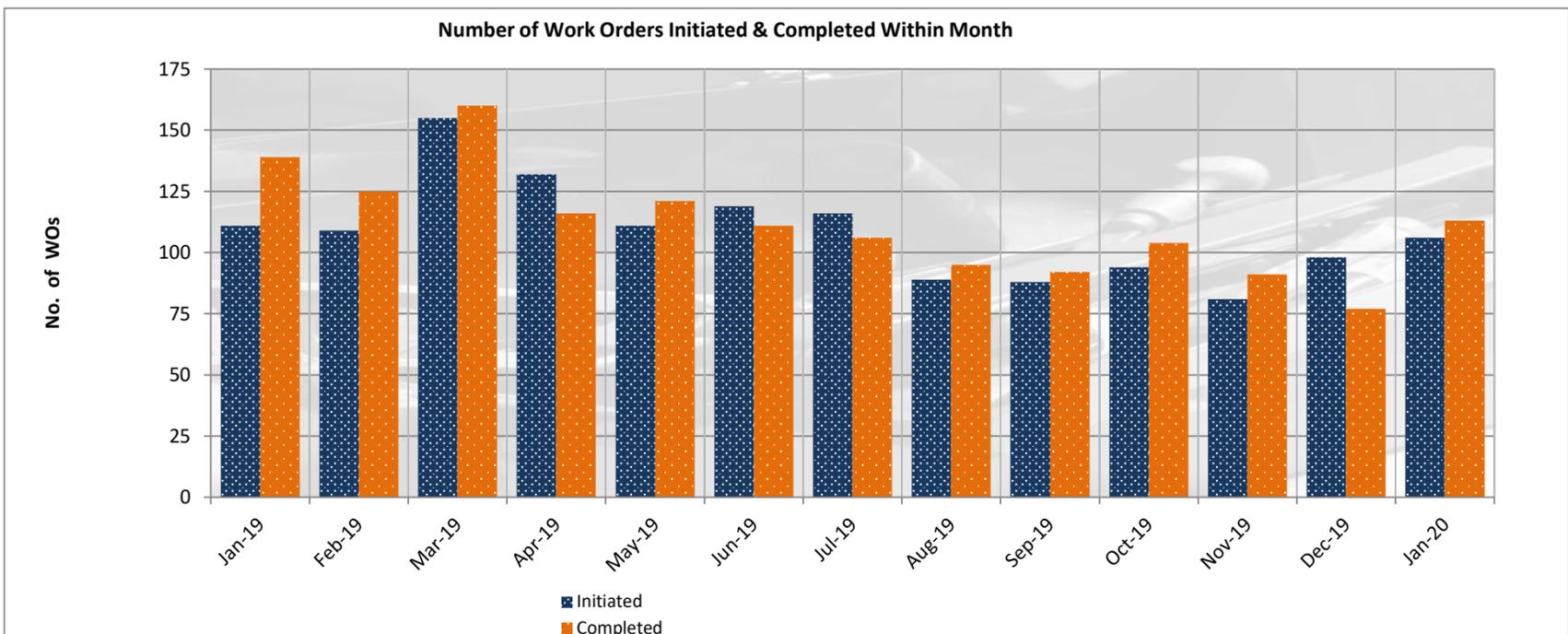
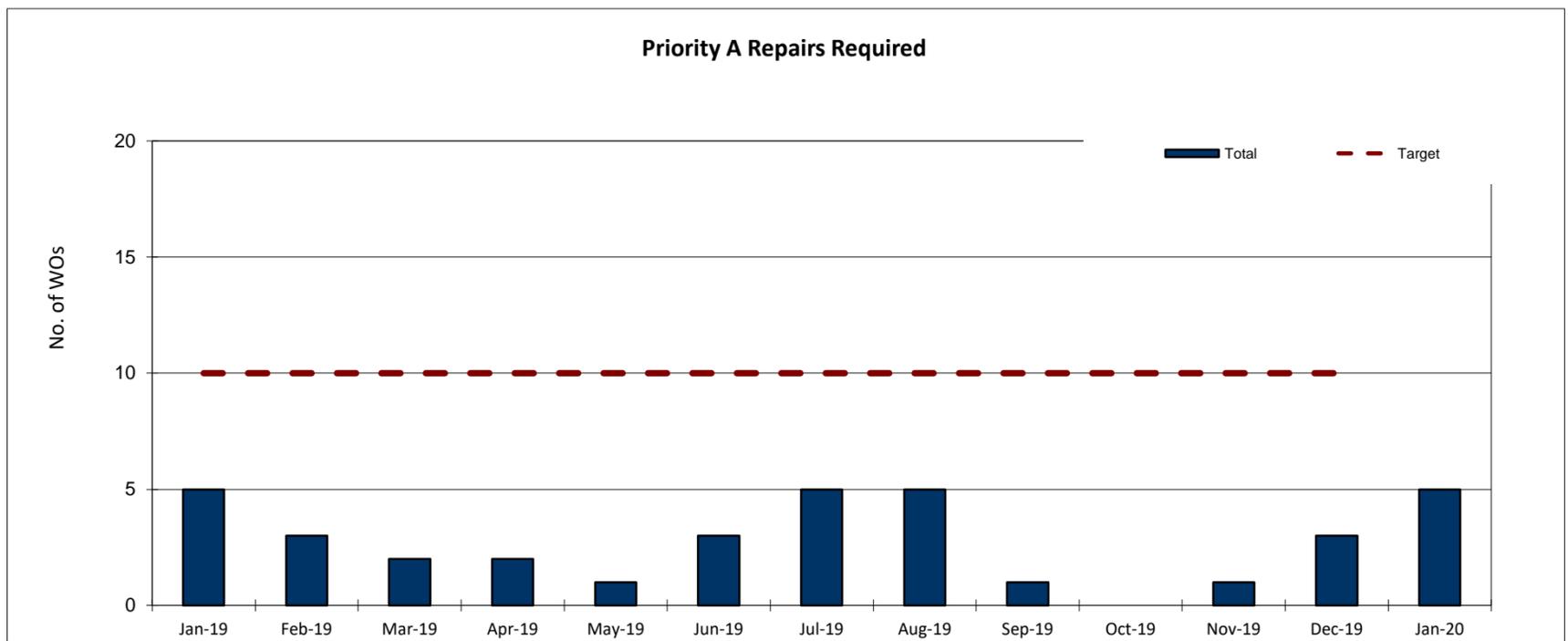
Progress/Accomplishments

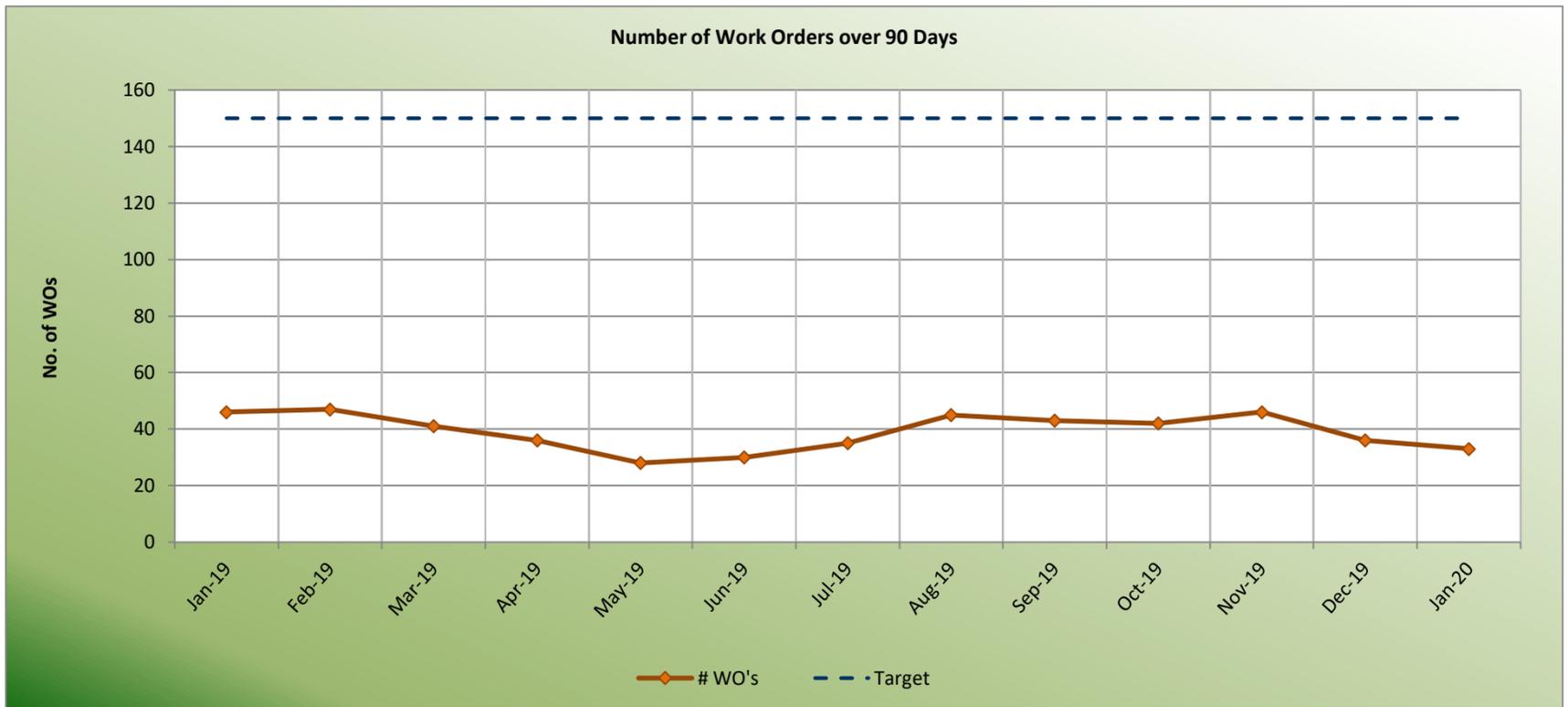
- Completed 95.94% of preventive maintenance activities for the month of January
- Completed 113 corrective maintenance work orders for the month of January
- Incline Conveyor 1 hangar bearing replacement
- Odor Scrubber 17 overhaul
- Centrifuge 2 2k service
- Centrifuge 4 16k service

Future Planning

- Installation of new Ferrous pumps at IPS
- Overhaul of NPS Sewage Pump
- Install exhaust heat recovery boiler on Co-gen 1 and bring back online
- Replace generator coupler on Co-gen 1
- Replace Thickener 1 12" overflow valve

Performance Measurements





**Treatment & Disposal
Activities Report
January 2020**

Progress/Accomplishments

- Maintained 100% compliance with NPDES permits
- USD was audited for annual permit compliance by the Regional Boards Staff on 1/13/20. No deficiencies were identified
- Completed 100% preventive maintenance activities for the month of January
- Began recruitment for a new POIII Trainee
- Conducted Electrical Awareness Training
- Conducted a site visit at Fairfield Suisun Wastewater Treatment Plant for the Blower 11 Project
- Began piloting a new Total Solids Meter for the WAS Thickener Thickening Project
- Attended a webinar on Annual Biosolids Reporting
- Attended the ETSU Phase 1A Design Kickoff Meeting
- Attended the Alvarado Valve Box Rehabilitation Project Coordination Meeting
- Several staff members attended the BACWA Annual Meeting
- Submitted mercury loading to EBDA for discharge to the Hayward Marsh as required by the Mercury and PCB Watershed Permit
- Participated in the selection of the Campus Architect for ETSU Project Phase 1A
- Attended the Standby Power Project Pre-selection/SRF Submittal Workshop
- Led a guided tour of our dewatering facilities for the City of San Jose
- Attended the Centrifuge Building Improvements Project 50% Design Workshop

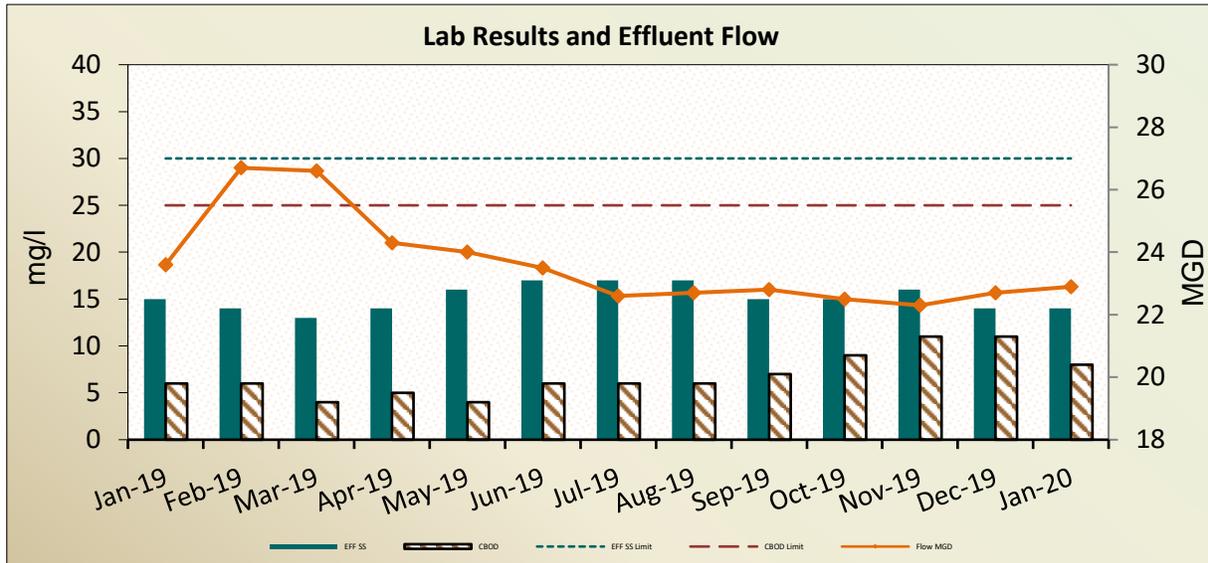
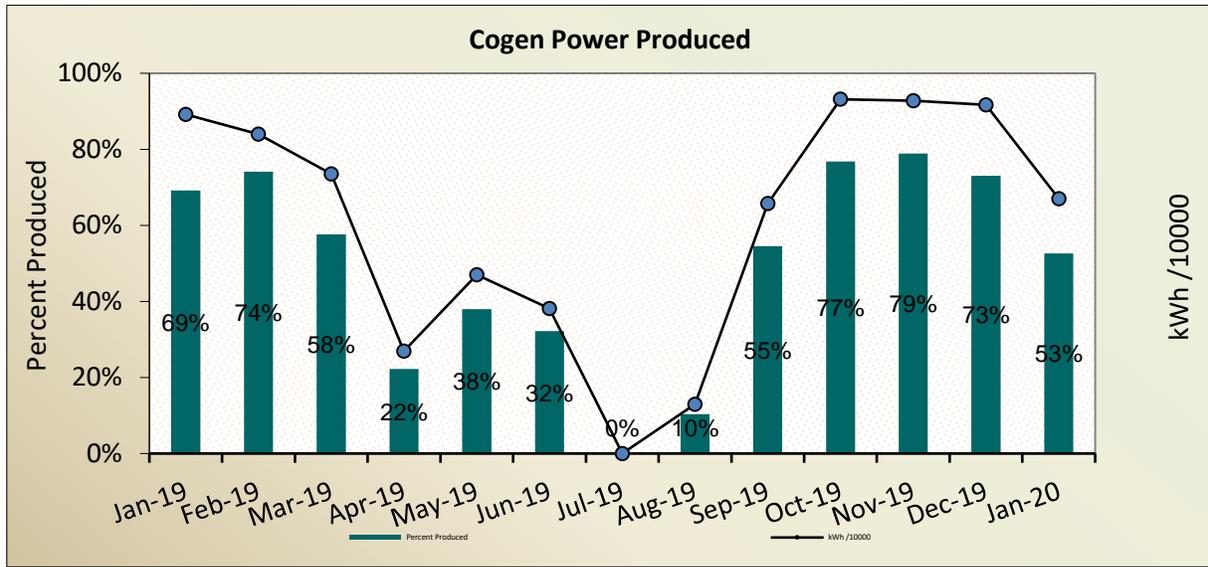
Future Planning

- Create the Annual Biosolids Report for 2019 as required by 40CFR Part 503
- Create the 4th Quarter Recycling & Disposal Reporting System Report for CalRecycle
- Continue recruitment for a POIII Trainee
- Complete implementation of LIMS communication of laboratory results to the EC IPACS and WIMS systems; begin exception reporting
- Finalize membrane acid cleaning economic evaluation

Other

- Cogen system produced 53% of power consumed for the month of January

Performance Measurements



USD's Final Effluent Monthly Monitoring Results				
Parameter	EBDA Limit	Nov-19	Dec-19	Jan-20
Copper, µg/l	78	4.6	3.7	0.004
Mercury, µg/l	0.066	0.0022	0.0026	0.0021
Cyanide, µg/l	42	< 0.9	< 0.9	< 0.9
Ammonia- N, mg/L (Range)	130	42 - 47.5	43 - 46.2	43.5 - 47.6
Fecal Coliform, MPN/100ml (Range)				
• 5-Day Geometric Mean	500	25 - 38	34 - 72	28 - 64
• 11-Sample 90th Percentile	1100	39	58 - 77	61 - 77
Enterococci				
• Monthly Geometric Mean	240	14.1	10.0	11.5

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

**2/24/2020
BOARD OF DIRECTORS MEETING
AGENDA ITEM # 6B**

TITLE: Fiscal Year 2020 2nd Quarter Managed Investment Portfolio Report ***(This is an Information Item)***

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

Recommendation

Information only.

Previous Board Action

10/28/2019 Board Meeting – Fiscal Year 2020 1st Quarter Managed Investment Portfolio Report

Background

In October of 2018, the Board authorized the General Manager to sign the Portfolio Management Services Contract with PFM Asset Management LLC (PFM) for investment management services. The strategy behind this decision was to maximize investment returns to the extent practicable, while maintaining compliance with all policy, legal and regulatory requirements for government agency investments. The provision of comprehensive portfolio reporting and current economic analyses were both deliverables in the contract negotiated with PFM.

The attached report from PFM shows the District's positions for Q2 of Fiscal Year 2020.

This reporting format is intended to supplement the existing Monthly Operations Report provided by Staff and includes the following sections, which will be presented in detail:

- Market Update
- Investment Performance Review
- Portfolio Transactions and Holdings
- Disclosures
- Glossary
-

Representatives from PFM and Staff will be available to answer questions.

Attachment:

Investment Performance Review for the Quarter Ended December 31, 2019



UNION SANITARY DISTRICT

Investment Performance Review For the Quarter Ended December 31, 2019

Client Management Team

Monique Spyke, Managing Director

PFM Asset Management LLC

50 California Street, Suite 2300
San Francisco, CA 94111
415-982-5544

213 Market Street
Harrisburg, PA 17101-2141
717-232-2723

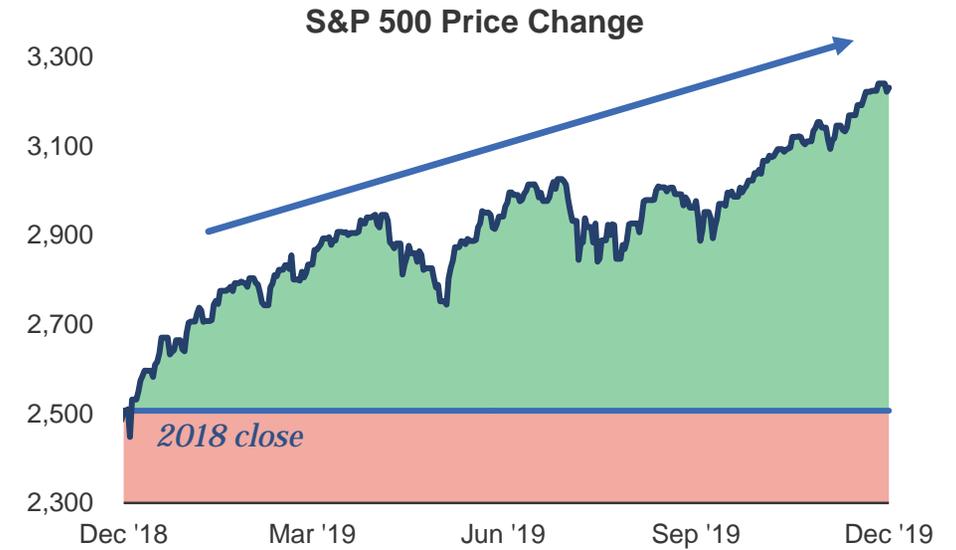
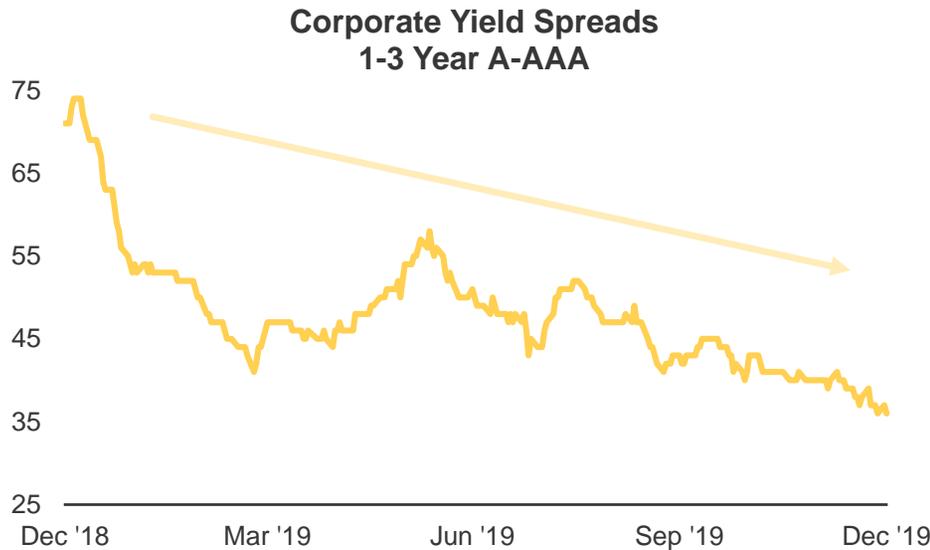
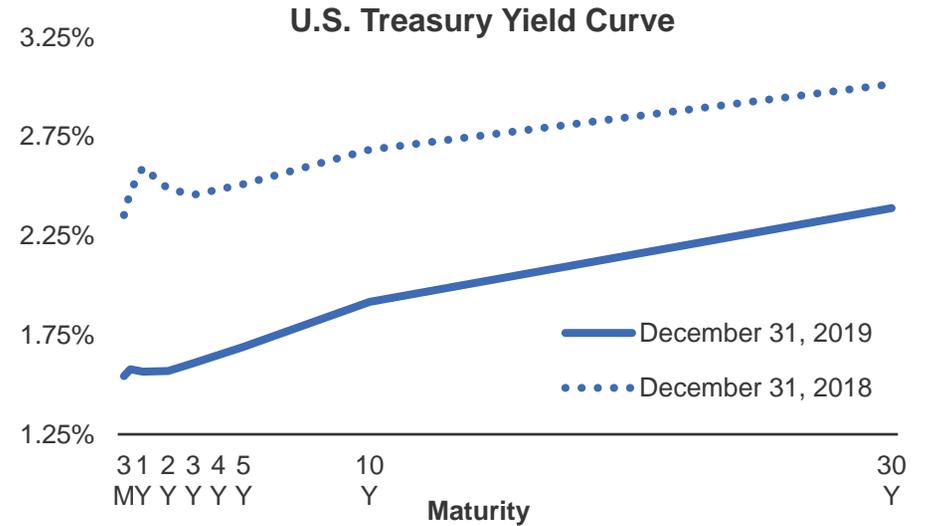
Market Update

Current Market Themes

- ◆ U.S. economic conditions are characterized by:
 - Above-trend U.S. GDP growth
 - Robust job growth and elevated consumer confidence
 - Headline policy uncertainties returning to the fore with rising U.S.-Iran tensions
- ◆ The U.S. Treasury yield curve steepened over the month. Short-term yields fell 2-4 bps, while longer term yields (on maturities greater than 2 years) rose 7-18 bps. Treasury yields have settled into a new lower range.
- ◆ After three consecutive rate cuts this year, the Fed kept rates steady at its December meeting, maintaining the target range at 1.5 to 1.75 percent. In its calculus, the economy is solid, and the current policy stance will remain appropriate as long as “incoming data remains broadly consistent with the outlook.”
- ◆ December inflation pressures were muted. While price pressures on services were stable, price pressures on goods drifted lower amid a gradual de-escalation in tariff measures. Core PCE remains anchored below the Fed’s 2% target, and markets have responded positively to an expected phase one trade deal.
- ◆ Manufacturing activity grew at a modest pace, recovering from deterioration seen in the summer. For December, Markit PMI manufacturing edged slightly lower to 52.4, still above the 50-line demarcation that signals expansion. However, Markit has not been trending with ISM which has yet to emerge from contraction and is actually moving lower.
- ◆ Housing fundamentals were steady, with the market outlook poised for growth. Though existing home sales fell to a five-month low in November, new home sales increased, marking the best three months since 2007 and reflecting sustained momentum supported by low mortgage rates and job growth.
- ◆ U.S equities finished the year with a strong December, marking the best year since 2013. Over the month, the S&P 500 advanced 3.0%, pushing 2019’s annual return to 32.5%; the NASDAQ added 3.6% for the month, posting an impressive 36.7% annual gain, its best year since 2009; meanwhile, the Dow, at 1.9%, returned 25.3% for the year.

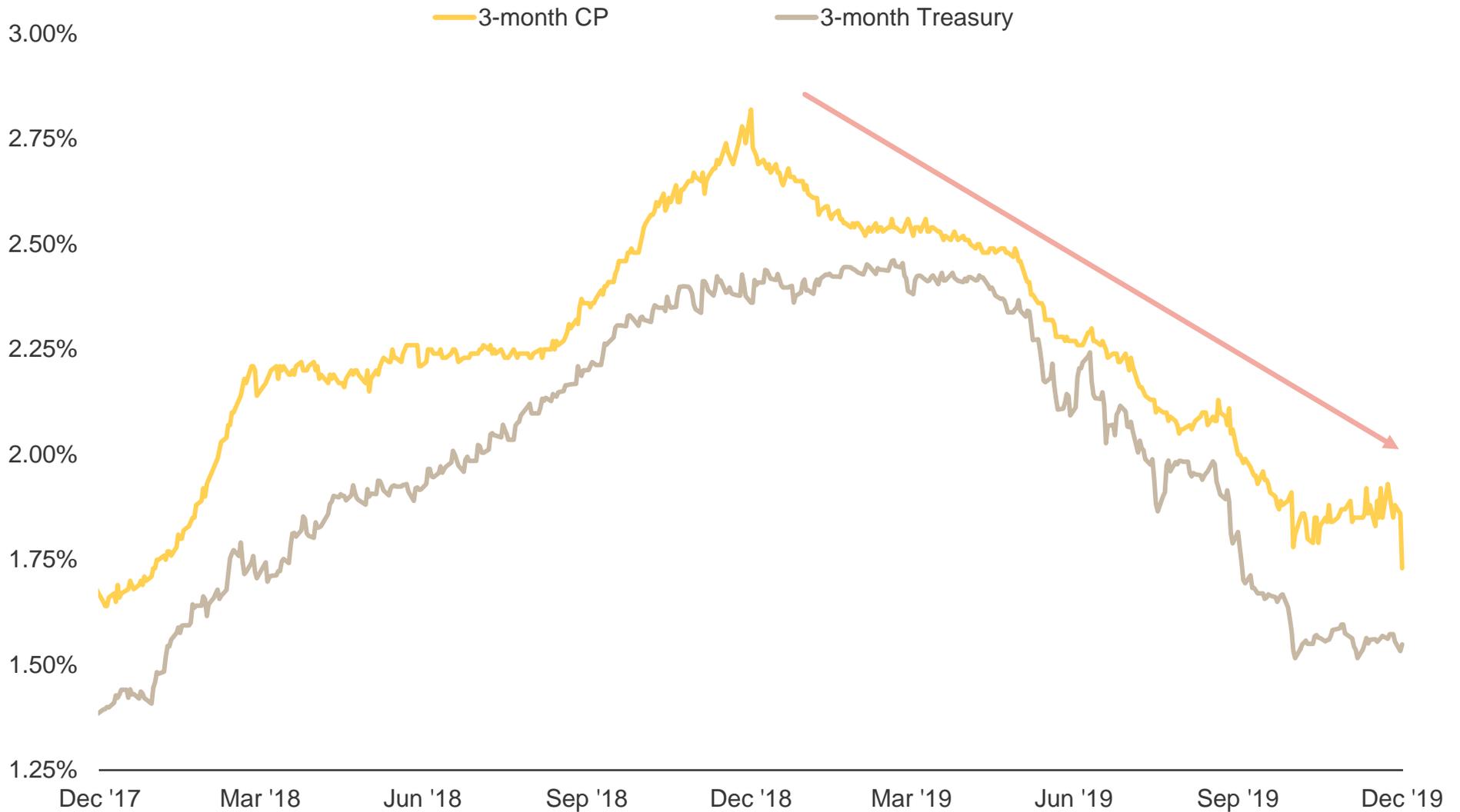
Major Moves in 2019

Federal Funds Target Range			
Year	Starting Range	Ending Range	# of Hikes/Cuts
2015	0.00%-0.25%	0.25%-0.50%	1 hike
2016	0.25%-0.50%	0.50%-0.75%	1 hike
2017	0.50%-0.75%	1.25%-1.50%	3 hikes
2018	1.25%-1.50%	2.25%-2.50%	4 hikes
2019	2.25%-2.50%	1.50%-1.75%	3 cuts



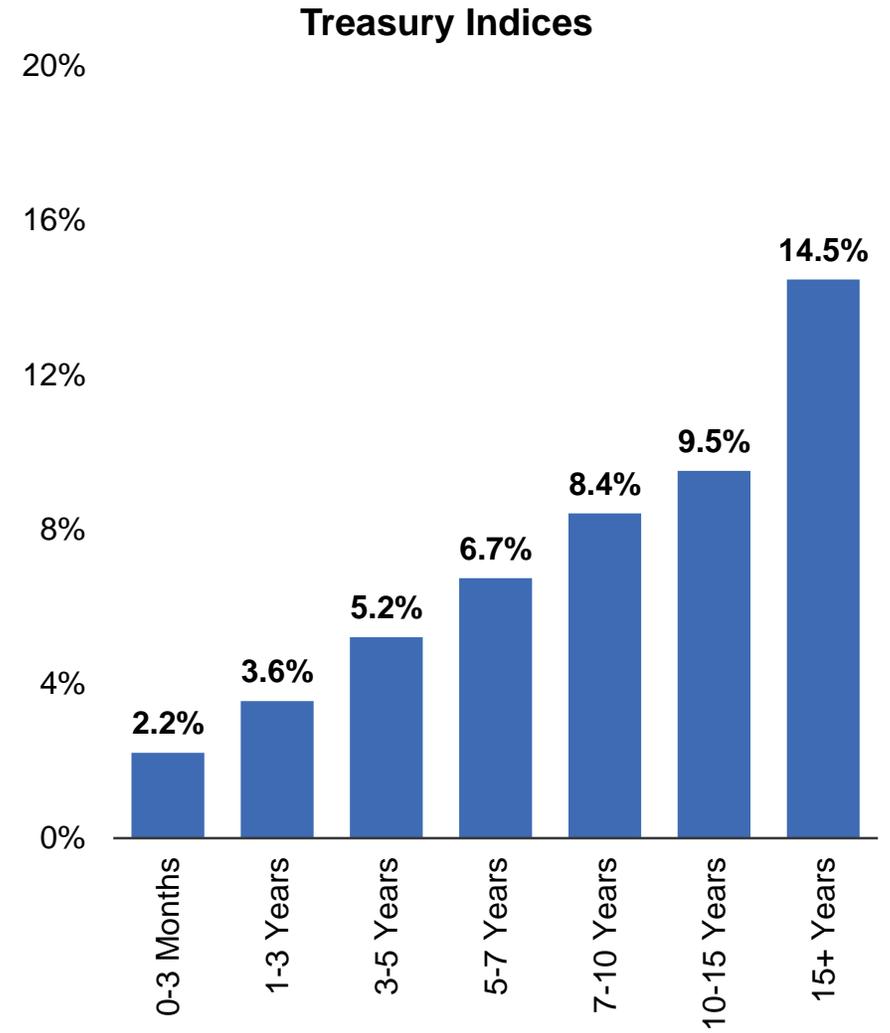
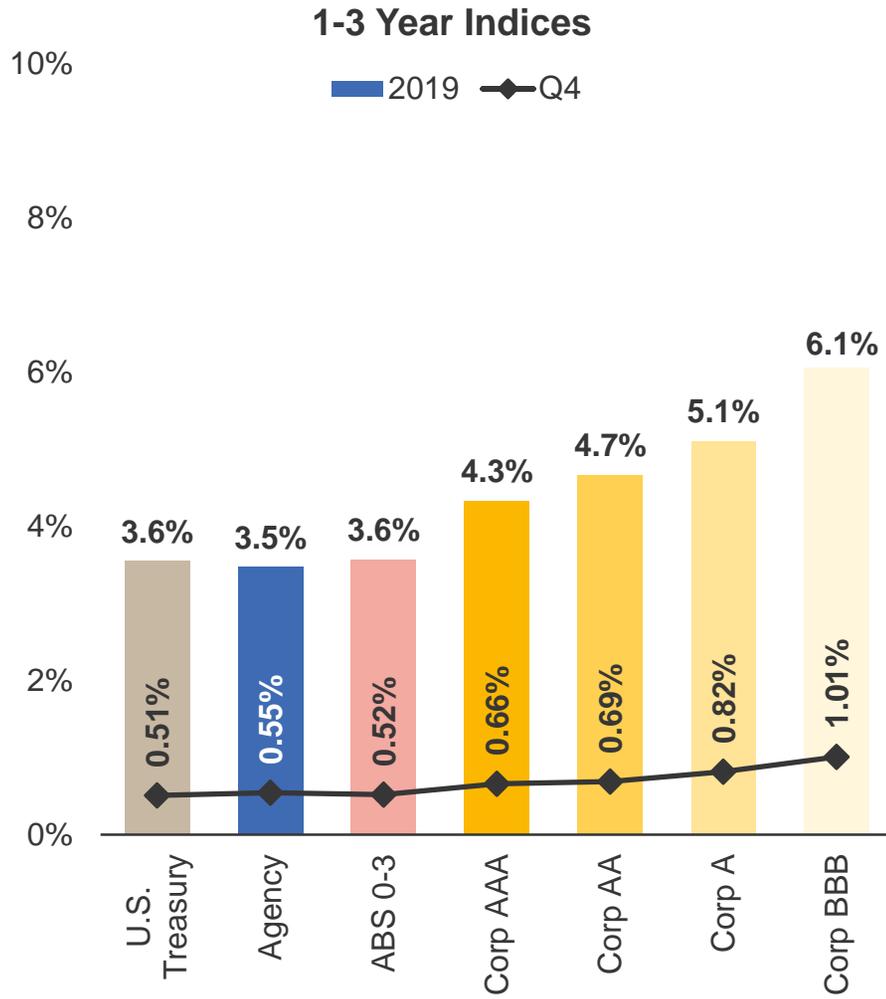
Source: Bloomberg, as of December 31, 2019.

Short-Term Yields Dropped Significantly in 2019



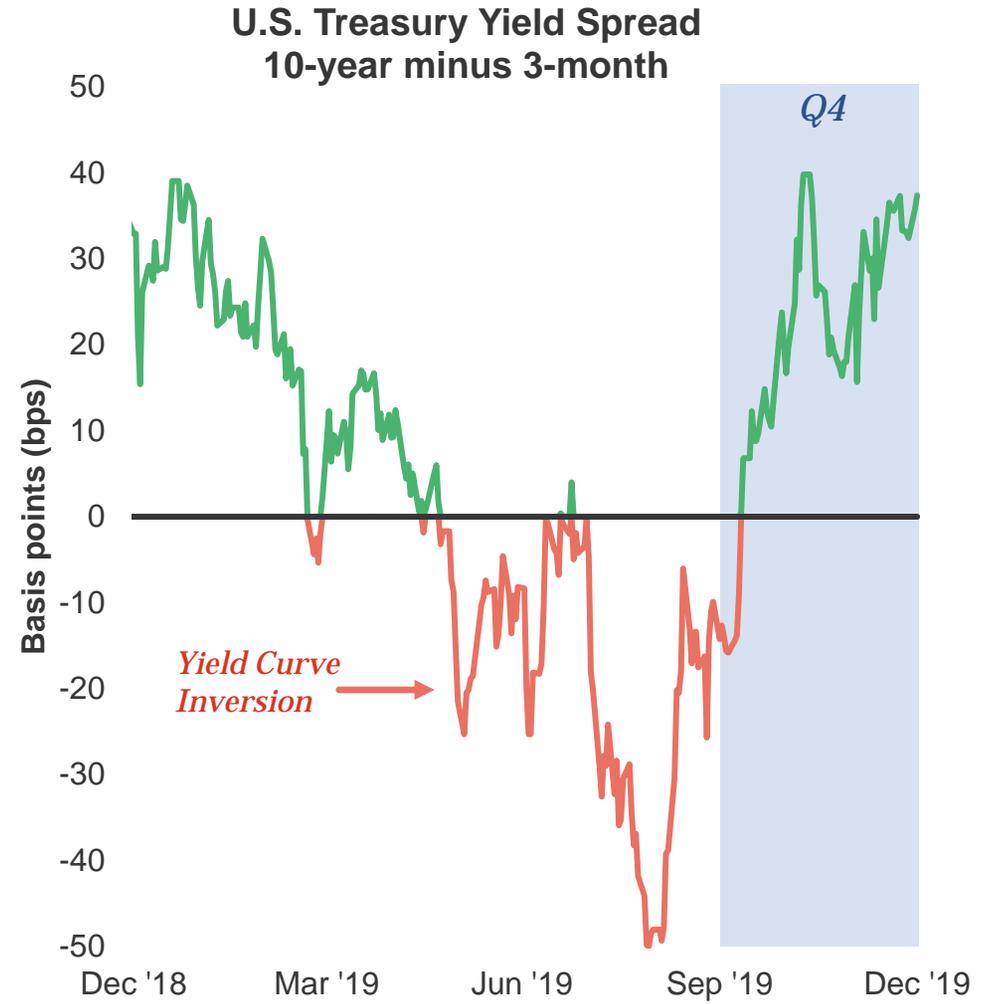
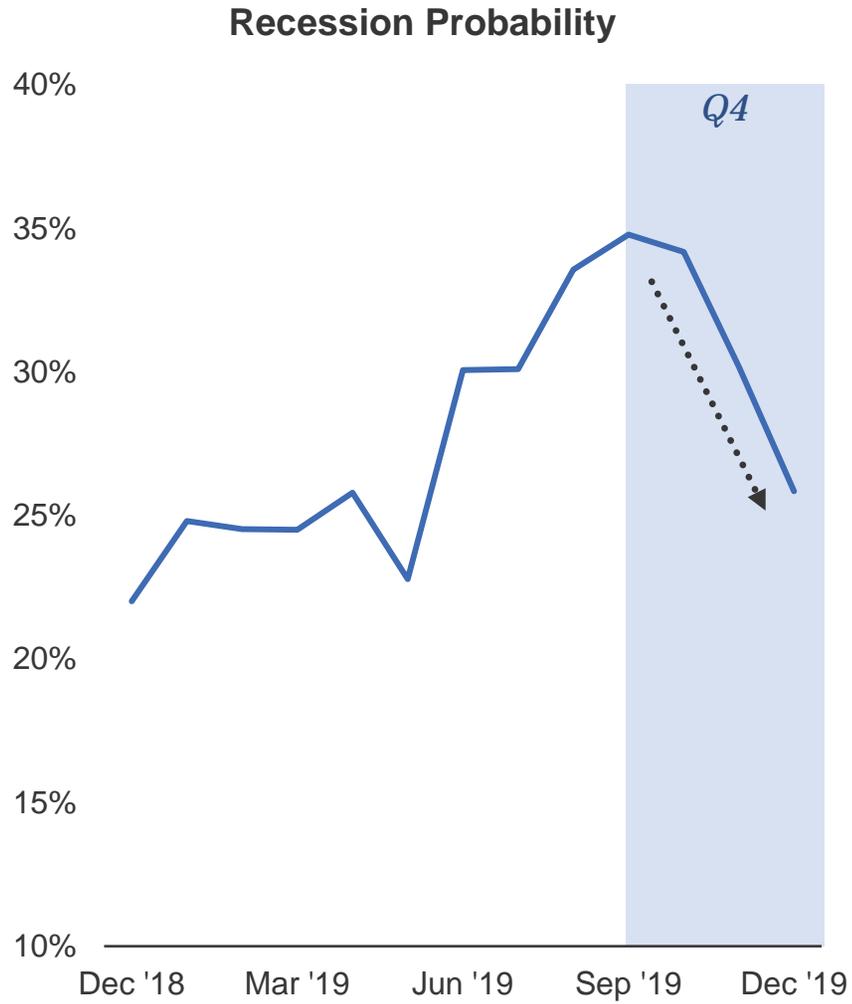
Source: Bloomberg, PFM Trading Desk, as of December 31, 2019. Not a specific recommendation. 3-mo CP yield spread based on A1/P1 rated CP index.

Fixed Income Performance Strong for the Year



Source: Bloomberg, as of December 31, 2019.

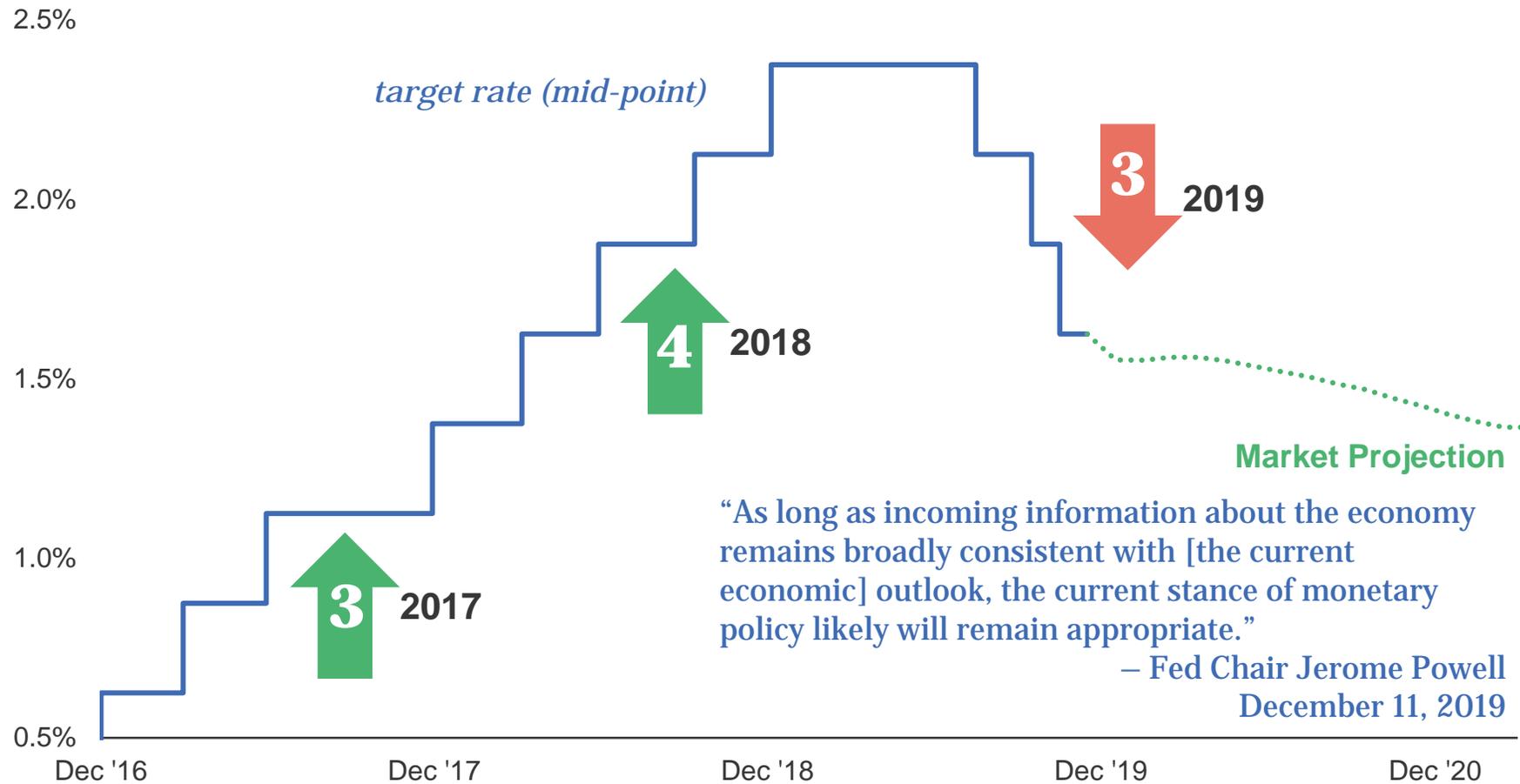
Recession Fears Subsided and Yield Curve Un-Inverted in Fourth Quarter



Source: Data as of December 31, 2019. Wall Street Journal Economic Forecasting Survey (left); Bloomberg (right).

The Fed Signals It Is Likely on Hold for an Extended Period of Time

Federal Reserve Target Overnight Rate



Source: Bloomberg. Market Projection as of December 31, 2019.

Treasury Yields Have Settled into a New, Lower Range

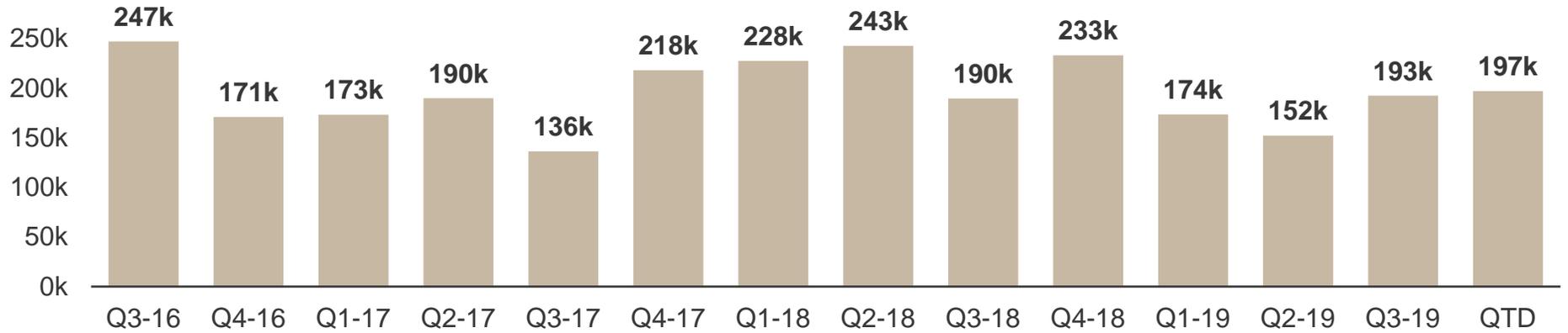
3-Year Treasury



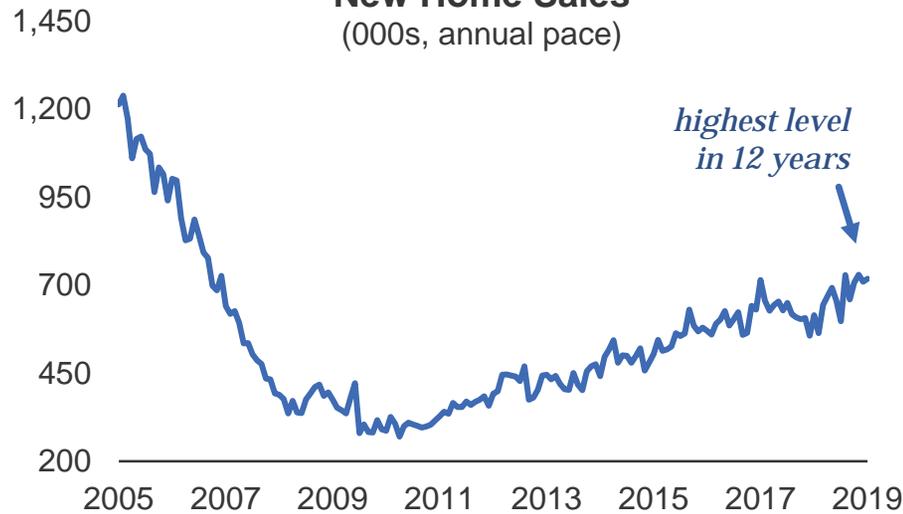
Source: Bloomberg, as of December 31, 2019.

Improving Economic Data Supports the Fed's Hold

Average Monthly Job Growth



New Home Sales (000s, annual pace)

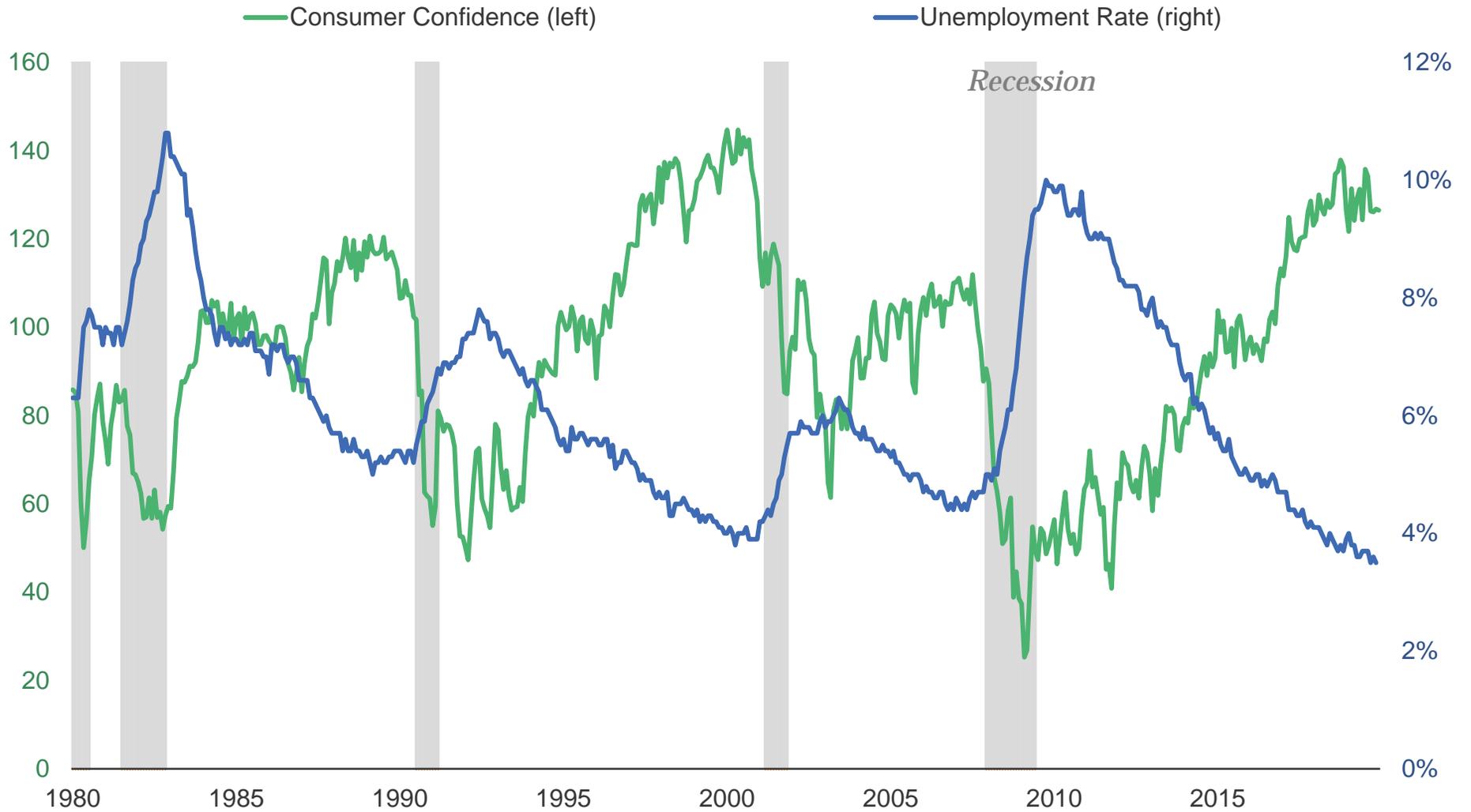


Markit Manufacturing Activity Index



Source: Bloomberg, as of December 31, 2019. QTD includes data for October and November.

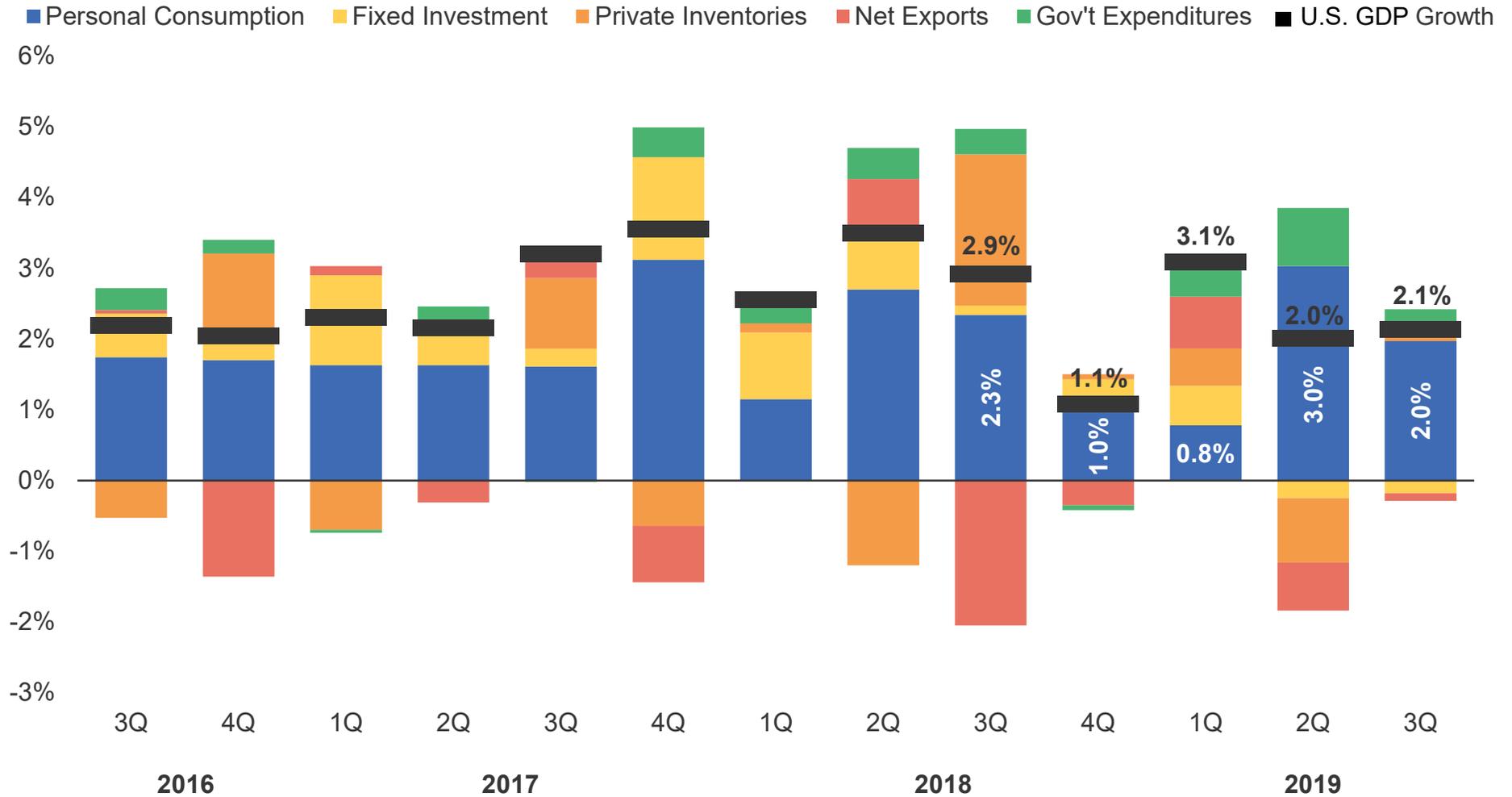
Falling Unemployment Supports Improved Consumer Confidence



Source: Bloomberg, as of December 31, 2019.

The Consumer Remains the Main Driver of Economic Growth

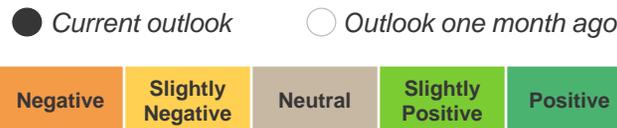
Components of U.S. GDP



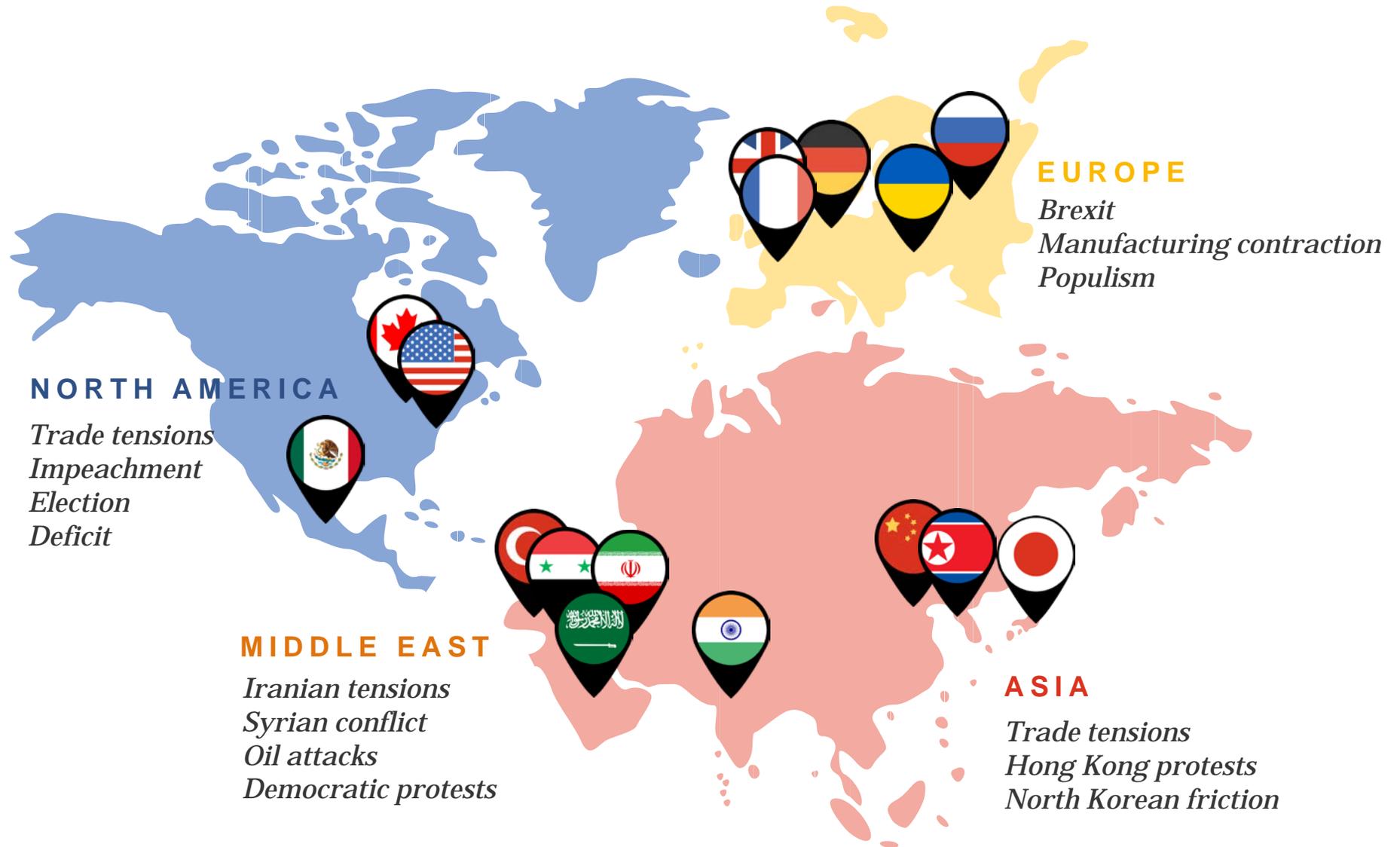
Source: Bureau of Economic Analysis.

Fixed Income Sector Outlook – January 2020

Sector	Our Investment Preferences	Comments
COMMERCIAL PAPER / CD		<ul style="list-style-type: none"> Money market credit spreads remain attractive. New issue supply may increase in the new year.
TREASURIES		
T-Bill		<ul style="list-style-type: none"> T-Bills have rallied further on Fed purchases and low repo rates. Other short-term instruments remain relatively more attractive.
T-Note		<ul style="list-style-type: none"> T-Notes offer attractive yield pickup vs. T-Bills in certain maturities.
FEDERAL AGENCIES		
Bullets		<ul style="list-style-type: none"> Bullet valuations remain near historical tightness across the curve and continue to trade in a relatively narrow range. New issues should be evaluated for opportunities to add relative value; otherwise, Treasuries should be preferred. Redemptions remained elevated during Q4 but have started to slow as rates have begun to stabilize. As a result, new issue supply has slowed as well. Spread pickup vs. bullets remains well below YTD averages, with little chance for outperformance. Accounts should favor bulleted structures vs. callable.
Callables		
SUPRANATIONALS		<ul style="list-style-type: none"> Spreads remain anchored across the curve. Expect modestly wider spreads in Q1 on account of higher issuer funding targets and favorable USD basis. New issues should be evaluated for opportunities to add relative value.
CORPORATES		
Financials		<ul style="list-style-type: none"> Solid economic data, an accommodative Fed, and positive technicals continue to support the corporate sector. Tight valuations limit the potential for outperformance in 2020. A growing list of uncertainties and pending supply could result in wider spreads and better buying opportunities.
Industrials		
SECURITIZED		
Asset-Backed		<ul style="list-style-type: none"> AAA-rated ABS yield spreads widened during December and are currently near their 3-year historic average. Broad measures of auto ABS spreads are comparable to spreads on high-quality corporate securities. Q4 saw strong excess returns from MBS as spreads narrowed significantly. Buyers were enticed by higher spreads, lower volatility, and the expectation that the Fed is on hold. Agency CMBS spreads widened in December. The sector has good relative value compared to less structured MBS and other government sectors.
Agency Mortgage-Backed		
Agency CMBS		
MUNICIPALS		<ul style="list-style-type: none"> Value remains in new issue taxable deals which continue to be driven by the surge in taxable issuance, an alternative to tax-exempt advance refundings.



Trade Is Foremost among Many Global Concerns



Investment Performance Review

Portfolio Recap

- ◆ Our strategy throughout the fourth quarter included the following elements:
 - Following three consecutive Fed rate cuts, we continued to maintain portfolio durations in line with benchmarks for the quarter as market expectations called for stable rates well into 2020.
 - We maintained broad diversification across all permitted fixed income sectors. Although most sector spread levels were on the tighter end of their recent trading history, the incremental income was generally additive to performance in a range-bound interest rate environment in the fourth quarter.
 - We continued to de-emphasize agencies, generally reducing allocations in favor of other sectors. Value in federal agency and supranational issuers remained extremely limited, largely on scarce supply. Spreads remained near historically tight levels, capping both sectors' excess returns in the fourth quarter. In some instances, agencies were trading at yields less than similar maturity Treasuries. We also largely avoided callable agencies during the quarter as early redemption risk remained elevated.
 - Corporate bonds performed top-of-class once again, as yield spreads tightened to their lowest in 2019 and approached post-recession lows. As a result, investment-grade (IG) corporates generated attractive excess returns for the fourth quarter, with lower-quality issuers once again outperforming those of higher quality. Year-to-date excess returns from IG corporates were fantastic, generating 100 to 200 basis points (1% to 2%) of incremental return relative to similar duration Treasuries. Our corporate sector strategy during the fourth quarter included opportunistic selling, booking profits on the most expensive issues, and modestly de-risking portfolios as spreads moved to very narrow levels.
 - In the municipal sector, taxable issuance volume remained elevated. New issue yield concessions provided good value for portfolios compared to other government alternatives and even some high-grade corporates. Excess returns from the sector helped buoy portfolio performance, especially for government-focused strategies.
 - Short-term investors found opportunities from wider spreads on money market credit investments (negotiable bank CDs).

Sector Allocation & Compliance

- The portfolio is in compliance with the District's Investment Policy and California Government Code.

Security Type	Market Value	% of Portfolio	Permitted by Policy	In Compliance
U.S. Treasury	\$35,245,948	36.7%	100%	✓
Federal Agency	\$4,994,743	5.2%	100%	✓
Municipal Obligations	\$2,016,400	2.1%	100%	✓
Negotiable CDs	\$3,504,006	3.6%	30%	✓
Corporate Notes	\$9,482,241	9.9%	30%	✓
Commercial Paper	\$1,981,495	2.1%	25%	✓
Securities Sub-Total	\$57,224,833	59.6%		
Accrued Interest	\$254,056			
Securities Total	\$57,478,889			
Cash	\$0	-	20%	✓
Total Investments	\$57,478,889	100.0%		

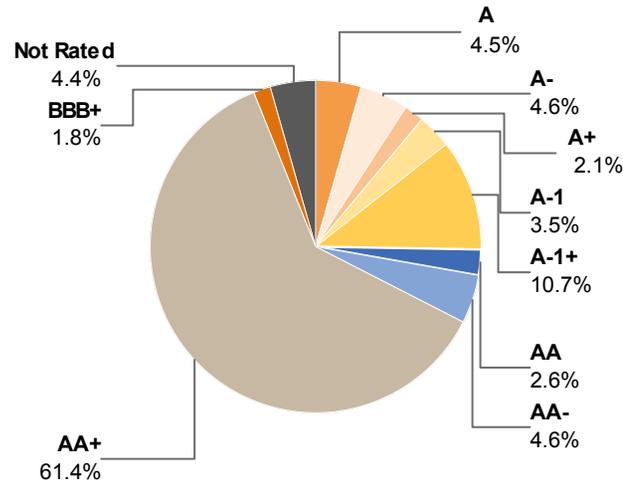
Market values, excluding accrued interest. Detail may not add to total due to rounding. Current investment policy as of January 2019.

Portfolio Statistics

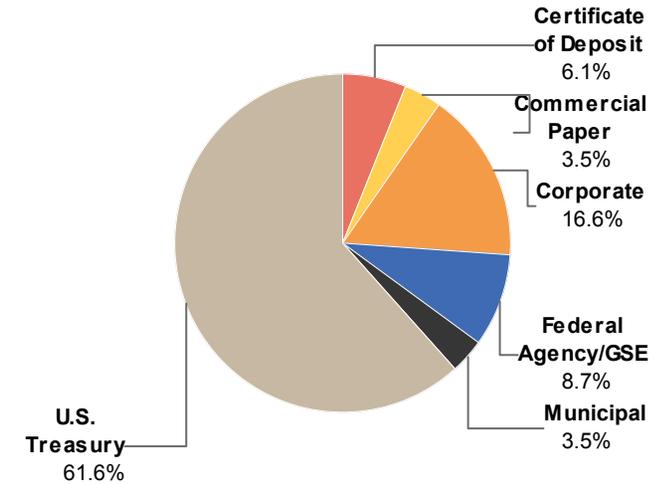
As of December 31, 2019

Par Value:	\$56,878,000
Total Market Value:	\$57,478,889
Security Market Value:	\$57,224,833
Accrued Interest:	\$254,056
Cash:	-
Amortized Cost:	\$56,637,120
Yield at Market:	1.64%
Yield at Cost:	2.08%
Effective Duration:	2.04 Years
Duration to Worst:	2.06 Years
Average Maturity:	2.14 Years
Average Credit: *	AA

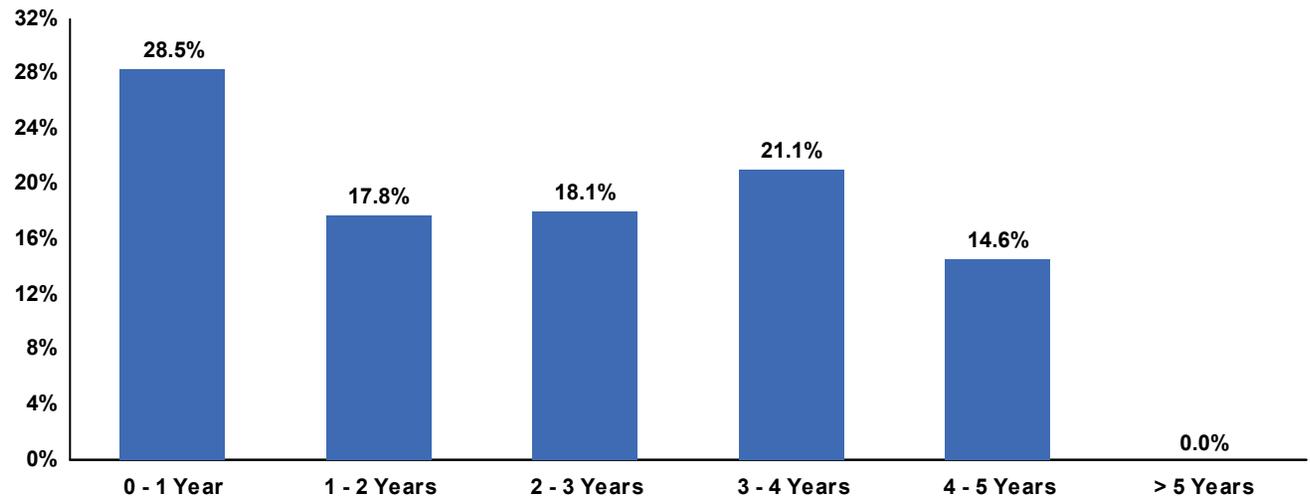
Credit Quality (S&P Ratings)**



Sector Allocation



Maturity Distribution

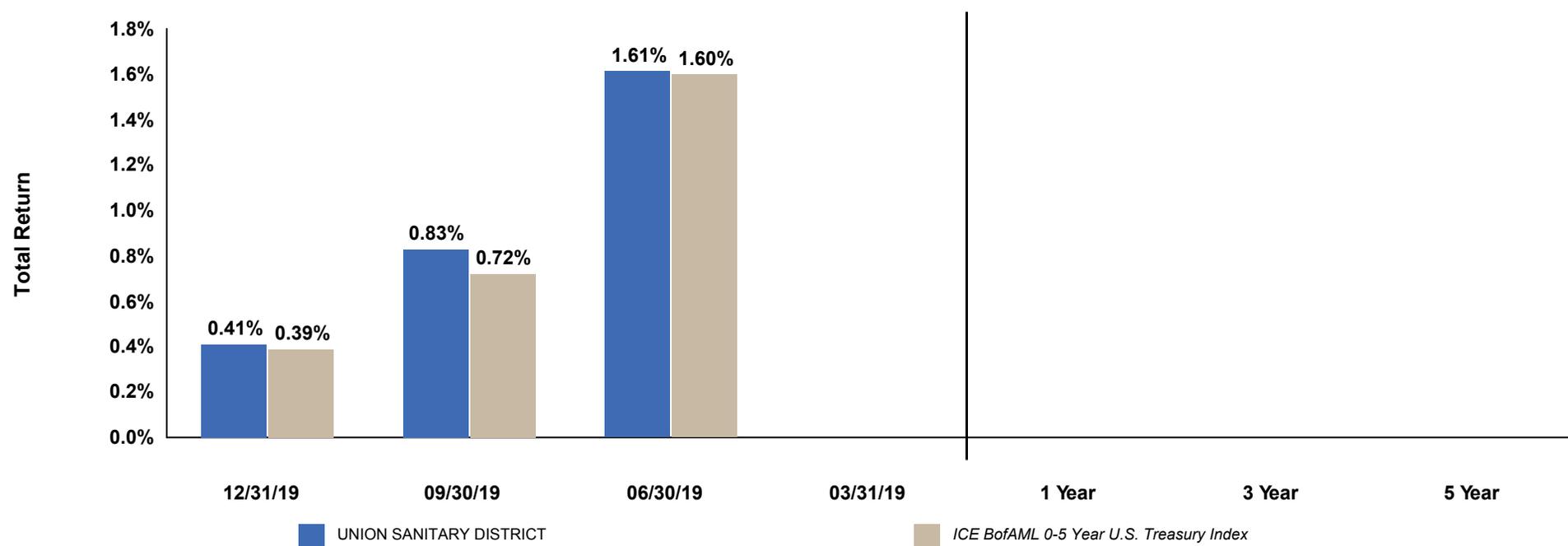


*An average of each security's credit rating assigned a numeric value and adjusted for its relative weighting in the portfolio.

**Securities held in the District's portfolio are in compliance with CA Government Code and the District's Investment Policy dated January 2019.

Portfolio Performance (Total Return)

Portfolio/Benchmark	Effective Duration	Quarter Ended				Annualized Return		
		12/31/19	09/30/19	06/30/19	03/31/19	1 Year	3 Year	5 Year
UNION SANITARY DISTRICT	2.04	0.41%	0.83%	1.61%	-	-	-	-
Net of Fees*	-	0.39%	0.81%	1.59%	-	-	-	-
ICE BofAML 0-5 Year U.S. Treasury Index**	2.09	0.39%	0.72%	1.60%	-	-	-	-
Difference (Gross)		0.02%	0.11%	0.01%	-	-	-	-
Difference (Net)		0.00%	0.09%	-0.01%	-	-	-	-



Portfolio performance is gross of fees unless otherwise indicated. *Fees were calculated based on average assets during the period at the contractual rate. **Intercontinental Exchange Bank of America Merrill Lynch 0-5 Year U.S. Treasury Index.

Periodic Performance

	Current Quarter	Q3 2019	Q2 2019	Since Inception (3/31/2019)
Net Accrual Earnings	\$276,687	\$286,433	\$276,876	\$839,995
Change in Market Value	-\$41,423	\$199,238	\$646,242	\$804,057
Total Dollar Return	\$235,264	\$485,670	\$923,118	\$1,644,052
Fees	\$12,555	\$12,680	\$12,578	\$40,266
Fees in Basis Points*	0.02%	0.02%	0.02%	0.06%
Net Dollar Return	\$222,709	\$472,991	\$910,540	\$1,603,786
Net of Fees Return	0.39%	0.81%	1.59%	2.81%

Fees were calculated based on average assets during the period at the contractual rate. *Fees are calculated based on basis points.

Portfolio Earnings*Quarter-Ended December 31, 2019*

	Market Value Basis	Accrual (Amortized Cost) Basis
Beginning Value (09/30/2019)	\$57,201,366.60	\$56,537,985.17
Net Purchases/Sales	\$64,890.28	\$64,890.28
Change in Value	(\$41,423.45)	\$34,244.26
Ending Value (12/31/2019)	\$57,224,833.43	\$56,637,119.71
Interest Earned	\$276,687.06	\$276,687.06
Portfolio Earnings	\$235,263.61	\$310,931.32

Sector/Issuer Distribution

As of December 31, 2019

Sector / Issuer	Market Value (\$)	% of Sector	% of Total Portfolio
Certificate of Deposit			
AMERICAN EXPRESS CO	250,045	7.1%	0.4%
BELMONT SAVINGS BANK	250,226	7.1%	0.4%
BMW FINANCIAL SERVICES NA LLC	249,206	7.1%	0.4%
CAPITAL ONE FINANCIAL CORP	247,207	7.1%	0.4%
CREDIT AGRICOLE SA	580,877	16.6%	1.0%
DISCOVER FINANCIAL SERVICES	249,611	7.1%	0.4%
DNB ASA	429,538	12.3%	0.8%
LAKESIDE BANK	249,095	7.1%	0.4%
PONCE DE LEON FEDERAL BK	249,587	7.1%	0.4%
STATE BANK OF INDIA	249,656	7.1%	0.4%
SUMMIT COMMUNITY BANK	248,991	7.1%	0.4%
SYNCHRONY BANK	249,968	7.1%	0.4%
Sector Total	3,504,006	100.0%	6.1%
Commercial Paper			
BNP PARIBAS	990,833	50.0%	1.7%
MITSUBISHI UFJ FINANCIAL GROUP INC	990,662	50.0%	1.7%
Sector Total	1,981,495	100.0%	3.5%
Corporate			

UNION SANITARY DISTRICT

Portfolio Composition

Sector / Issuer	Market Value (\$)	% of Sector	% of Total Portfolio
AMAZON.COM INC	687,004	7.2%	1.2%
AMERICAN EXPRESS CO	1,016,787	10.7%	1.8%
BANK OF AMERICA CO	533,347	5.6%	0.9%
BB&T CORPORATION	538,120	5.7%	0.9%
CHEVRON CORPORATION	1,006,315	10.6%	1.8%
EXXON MOBIL CORP	1,008,914	10.6%	1.8%
GENERAL ELECTRIC CO	1,000,807	10.6%	1.7%
HSBC HOLDINGS PLC	2,034,478	21.5%	3.6%
JP MORGAN CHASE & CO	534,552	5.6%	0.9%
PACCAR FINANCIAL CORP	590,818	6.2%	1.0%
STATE STREET CORPORATION	531,099	5.6%	0.9%
Sector Total	9,482,241	100.0%	16.6%
Federal Agency/GSE			
FANNIE MAE	1,988,812	39.8%	3.5%
FEDERAL FARM CREDIT BANKS	1,999,675	40.0%	3.5%
FEDERAL HOME LOAN BANKS	1,006,256	20.1%	1.8%
Sector Total	4,994,743	100.0%	8.7%
Municipal			
CALIFORNIA ST	1,014,010	50.3%	1.8%
RIVERSIDE CA PENSN OBLG	501,155	24.9%	0.9%
VICTOR VLY CA CMNTY CLG DIST	501,235	24.9%	0.9%

UNION SANITARY DISTRICT

Portfolio Composition

Sector / Issuer	Market Value (\$)	% of Sector	% of Total Portfolio
Sector Total	2,016,400	100.0%	3.5%
U.S. Treasury			
UNITED STATES TREASURY	35,245,948	100.0%	61.6%
Sector Total	35,245,948	100.0%	61.6%
Portfolio Total	57,224,833	100.0%	100.0%

Investment Strategy Outlook

- ◆ We expect the Fed to remain on hold for an extended period and rates to remain mostly range-bound in the near-term. As a result, we plan to continue a duration-neutral strategy relative to benchmarks.
- ◆ Our outlook for the major investment-grade fixed income sectors is as follows:
 - Federal agency yield spreads remain very tight after trading in a close range for most of 2019. We do not expect this to change. We continue to favor further reductions in agency holdings as their benefit and upside is limited.
 - In the IG corporate sector, we plan to continue to modestly reduce allocations and target a modestly higher average credit quality. Although the credit markets are benefiting from stable fundamentals, positive earnings growth, and strong demand, yield spreads have recently approached post-recession lows, making them less attractive.
 - We expect the recent surge of municipal issuance to continue in the near-term, albeit at more moderate levels assuming the Fed maintains their patient stance and the interest rate environment remains steady. We will look to monitor the sector for instances where yield concessions offer attractive value relative to other government securities.
 - In the money market space, a positively-sloped yield curve and wide spreads have created opportunities for incremental earnings potential.

Portfolio Transactions and Holdings

Quarterly Portfolio Transactions

Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amt (\$)	Yield at Market	Realized G/L (BV)
BUY									
10/1/19	10/3/19	1,000,000	912796TE9	UNITED STATES TREASURY BILL	0.00%	2/6/20	993,918.75	1.75%	
10/25/19	10/28/19	1,000,000	62479LFQ3	MUFG BANK LTD/NY COMM PAPER	0.00%	6/24/20	987,133.33	1.96%	
10/25/19	10/28/19	1,000,000	09659BFQ8	BNP PARIBAS NY BRANCH COMM PAPER	0.00%	6/24/20	987,533.33	1.89%	
10/25/19	10/28/19	2,475,000	912828B58	US TREASURY NOTES	2.12%	1/31/21	2,501,254.84	1.68%	
10/25/19	10/28/19	1,045,000	9128284W7	US TREASURY NOTES	2.75%	8/15/21	1,070,535.77	1.68%	
10/25/19	10/28/19	1,245,000	9128283Y4	US TREASURY N/B NOTES	2.25%	2/29/20	1,251,797.91	1.69%	
11/15/19	11/15/19	1,170,000	912828PC8	US TREASURY NOTES	2.62%	11/15/20	1,181,380.08	1.64%	
11/25/19	11/25/19	1,000,000	3135G0W66	FANNIE MAE NOTES	1.62%	10/15/24	999,530.14	1.67%	
11/29/19	11/29/19	980,000	9128285Q9	UNITED STATES TREASURY NOTES	2.75%	11/30/20	1,003,813.87	1.68%	
12/5/19	12/6/19	430,000	23341VZT1	DNB BANK ASA/NY LT CD	2.04%	12/2/22	430,000.00	2.04%	
12/26/19	12/26/19	1,500,000	912796RT8	UNITED STATES TREASURY BILL	0.00%	1/2/20	1,499,582.77	1.43%	
12/30/19	12/30/19	3,280,000	912796WM7	UNITED STATES TREASURY BILL	0.00%	1/7/20	3,278,956.23	1.43%	
Total BUY		16,125,000					16,185,437.02		
INTEREST									
10/1/19	10/1/19	1,000,000	13063DAD0	CA ST TXBL GO BONDS	2.36%	4/1/22	11,835.00		
10/5/19	10/5/19	247,000	02587DN38	AMERICAN EXPRESS CREDIT CD	2.45%	4/5/22	3,034.04		
10/26/19	10/26/19	248,000	140420L99	CAPITAL ONE BANK USA NA CD	1.50%	10/26/20	1,865.10		
10/26/19	10/26/19	1,000,000	3130AB3D6	FEDERAL HOME LOAN BANKS NOTES	2.00%	10/26/21	10,000.00		
10/28/19	10/28/19	1,000,000	3134G8XQ7	FREDDIE MAC NOTES	1.25%	10/28/19	6,250.00		
10/28/19	10/28/19	1,000,000	3130A7PRO	FHLB NOTES (CALLED OMD 04/28/2021)	2.00%	10/28/19	10,000.00		
10/28/19	10/28/19	248,000	02006LQ48	ALLY BANK CD	1.35%	10/28/19	1,687.76		
10/28/19	10/28/19	2,500,000	3134G8VZ9	FREDDIE MAC NOTES (CALLED OMD 04/28/2021)	1.50%	10/28/19	18,750.00		
10/28/19	10/28/19	1,000,000	3130A7QX6	FHLB NOTES (CALLED OMD 04/28/2021)	1.75%	10/28/19	8,750.00		

UNION SANITARY DISTRICT

Portfolio Activity

Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amt (\$)	Yield at Market	Realized G/L (BV)
10/28/19	10/28/19	1,000,000	3134G8Z28	FREDDIE MAC NOTES(CALLED OMD 04/28/2021)	1.50%	10/28/19	7,500.00		
10/30/19	10/30/19	249,000	732333AJ8	PONCE DE LEON FEDERAL BK CD	1.85%	5/28/21	391.24		
10/31/19	10/31/19	249,000	51210SMU8	LAKESIDE BANK CD	1.75%	5/29/20	358.15		
10/31/19	10/31/19	960,000	912828X70	US TREASURY N/B NOTES	2.00%	4/30/24	9,600.00		
10/31/19	10/31/19	249,000	86604XLT1	SUMMIT COMMUNITY BANK CD	1.65%	5/29/20	348.94		
11/3/19	11/3/19	1,000,000	3133EF5T0	FFCB NOTES (CALLABLE)	1.70%	5/3/21	8,500.00		
11/10/19	11/10/19	580,000	69371RP83	PACCAR FINANCIAL CORP CORP NOTES	2.65%	5/10/22	7,685.00		
11/15/19	11/15/19	1,160,000	166764AN0	CHEVRON CORP (CALLABLE) NOTE	2.19%	11/15/19	12,719.40		
11/15/19	11/15/19	1,000,000	36164QMS4	GENERAL ELECTRIC CO CORP NOTES	2.34%	11/15/20	11,710.00		
11/16/19	11/16/19	1,000,000	166764BG4	CHEVRON CORP (CALLABLE) NOTES	2.10%	5/16/21	10,500.00		
11/18/19	11/18/19	525,000	46625HRL6	JPMORGAN CHASE & CO CORP NOTES	2.70%	5/18/23	7,087.50		
11/19/19	11/19/19	530,000	857477AV5	STATE STREET CORP NOTES	1.95%	5/19/21	5,167.50		
11/25/19	11/25/19	1,000,000	3133EGBK0	FEDERAL FARM CREDIT BANKS NOTES	1.30%	11/25/19	6,500.00		
11/29/19	11/29/19	1,000,000	3130AADQ8	FHLB NOTES (CALLED OMD 12/21/2020)	1.93%	11/29/19	8,470.56		
11/30/19	11/30/19	249,000	732333AJ8	PONCE DE LEON FEDERAL BK CD	1.85%	5/28/21	378.62		
11/30/19	11/30/19	980,000	9128285Q9	UNITED STATES TREASURY NOTES	2.75%	11/30/20	13,475.00		
11/30/19	11/30/19	249,000	51210SMU8	LAKESIDE BANK CD	1.75%	5/29/20	370.09		
11/30/19	11/30/19	249,000	86604XLT1	SUMMIT COMMUNITY BANK CD	1.65%	5/29/20	337.68		
12/1/19	12/1/19	500,000	769036BA1	RIVERSIDE, CA TXBL PO BONDS	2.12%	6/1/21	5,312.50		
12/16/19	12/16/19	1,000,000	3136G3QX6	FANNIE MAE NOTES	1.50%	6/16/21	7,500.00		
12/20/19	12/20/19	525,000	05531FBG7	BRANCH BANKING & TRUST CORP NOTES	3.05%	6/20/22	8,006.25		
12/29/19	12/29/19	248,000	51506VCA9	LANDMARK BK NA MO CD(CALLED OMD 3/29/21)	2.10%	12/29/19	1,298.43		
12/29/19	12/29/19	247,000	254672Y36	DISCOVER BANK CD	2.25%	12/29/21	2,786.36		
12/29/19	12/29/19	1,000,000	3130AAET1	FHLB NOTES (CALLED OMD 12/29/21)	2.05%	12/29/19	10,250.00		
12/30/19	12/30/19	1,000,000	3134GAYY4	FREDDIE MAC AGENCY	1.50%	12/30/19	7,500.00		
12/30/19	12/30/19	1,000,000	3134GAYV0	FHLMC NOTES (CALLED OMD 12/30/21)	2.00%	12/30/19	10,000.00		
12/30/19	12/30/19	249,000	732333AJ8	PONCE DE LEON FEDERAL BK CD	1.85%	5/28/21	391.24		
12/31/19	12/31/19	1,580,000	912828N30	US TREASURY NOTES	2.12%	12/31/22	16,787.50		
12/31/19	12/31/19	1,420,000	912828XG0	US TREASURY N/B NOTES	2.12%	6/30/22	15,087.50		
12/31/19	12/31/19	249,000	51210SMU8	LAKESIDE BANK CD	1.75%	5/29/20	358.15		

UNION SANITARY DISTRICT

Portfolio Activity

Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amt (\$)	Yield at Market	Realized G/L (BV)
12/31/19	12/31/19	249,000	86604XLT1	SUMMIT COMMUNITY BANK CD	1.65%	5/29/20	348.94		
12/31/19	12/31/19	2,000,000	912828S35	US TREASURY NOTES	1.37%	6/30/23	13,750.00		
12/31/19	12/31/19	500,000	912828XX3	US TREASURY N/B NOTES	2.00%	6/30/24	5,000.00		
12/31/19	12/31/19	2,000,000	912828V23	US TREASURY NOTES	2.25%	12/31/23	22,500.00		
Total INTEREST		34,239,000					310,148.45		
MATURITY									
10/3/19	10/3/19	1,000,000	912796SL4	UNITED STATES TREASURY BILL	0.00%	10/3/19	1,000,000.00		0.00
10/28/19	10/28/19	1,000,000	3130A7PR0	FHLB NOTES (CALLED OMD 04/28/2021)	2.00%	10/28/19	1,000,000.00		0.00
10/28/19	10/28/19	1,000,000	3134G8XQ7	FREDDIE MAC NOTES	1.25%	10/28/19	1,000,000.00		0.00
10/28/19	10/28/19	1,000,000	3130A7QX6	FHLB NOTES (CALLED OMD 04/28/2021)	1.75%	10/28/19	1,000,000.00		0.00
10/28/19	10/28/19	248,000	02006LQ48	ALLY BANK CD	1.35%	10/28/19	248,000.00		0.00
10/28/19	10/28/19	2,500,000	3134G8VZ9	FREDDIE MAC NOTES (CALLED OMD 04/28/2021)	1.50%	10/28/19	2,500,000.00		0.00
10/28/19	10/28/19	1,000,000	3134G8Z28	FREDDIE MAC NOTES(CALLED OMD 04/28/2021)	1.50%	10/28/19	1,000,000.00		0.00
11/15/19	11/15/19	1,160,000	166764AN0	CHEVRON CORP (CALLABLE) NOTE	2.19%	11/15/19	1,160,000.00		0.00
11/25/19	11/25/19	1,000,000	3133EGBK0	FEDERAL FARM CREDIT BANKS NOTES	1.30%	11/25/19	1,000,000.00		0.00
11/29/19	11/29/19	1,000,000	3130AADQ8	FHLB NOTES (CALLED OMD 12/21/2020)	1.93%	11/29/19	1,000,000.00		0.00
12/26/19	12/26/19	1,500,000	912796SY6	US TREASURY BILL	0.00%	12/26/19	1,500,000.00		0.00
12/29/19	12/29/19	1,000,000	3130AAET1	FHLB NOTES (CALLED OMD 12/29/21)	2.05%	12/29/19	1,000,000.00		0.00
12/29/19	12/29/19	248,000	51506VCA9	LANDMARK BK NA MO CD(CALLED OMD 3/29/21)	2.10%	12/29/19	248,000.00		0.00
12/30/19	12/30/19	1,000,000	3134GAYV0	FHLMC NOTES (CALLED OMD 12/30/21)	2.00%	12/30/19	1,000,000.00		0.00
12/30/19	12/30/19	1,000,000	3134GAYY4	FREDDIE MAC AGENCY	1.50%	12/30/19	1,000,000.00		0.00
Total MATURITY		15,656,000					15,656,000.00		0.00
SELL									
12/5/19	12/6/19	420,000	912828N30	US TREASURY NOTES	2.12%	12/31/22	430,369.46	1.60%	10,225.60

UNION SANITARY DISTRICT

Portfolio Activity

Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amt (\$)	Yield at Market	Realized G/L (BV)
Total SELL		420,000					430,369.46		10,225.60

Managed Account Detail of Securities Held

Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
U.S. Treasury Bond / Note											
US TREASURY N/B NOTES DTD 02/28/2018 2.250% 02/29/2020	9128283Y4	1,245,000.00	AA+	Aaa	10/25/2019	10/28/2019	1,247,334.38	1.69	9,465.76	1,246,110.71	1,246,141.67
US TREASURY NOTES DTD 11/15/2010 2.625% 11/15/2020	912828PC8	1,170,000.00	AA+	Aaa	11/15/2019	11/15/2019	1,181,380.08	1.64	3,965.63	1,179,916.67	1,179,825.66
UNITED STATES TREASURY NOTES DTD 11/30/2018 2.750% 11/30/2020	9128285Q9	980,000.00	AA+	Aaa	11/29/2019	11/29/2019	990,412.50	1.68	2,356.28	989,480.52	989,685.34
US TREASURY NOTES DTD 01/31/2014 2.125% 01/31/2021	912828B58	2,475,000.00	AA+	Aaa	10/25/2019	10/28/2019	2,488,535.16	1.68	22,009.34	2,486,665.86	2,487,954.15
US TREASURY NOTES DTD 08/15/2018 2.750% 08/15/2021	9128284W7	1,045,000.00	AA+	Aaa	10/25/2019	10/28/2019	1,064,757.03	1.68	10,854.65	1,062,848.50	1,064,062.89
US TREASURY N/B NOTES DTD 02/28/2017 1.875% 02/28/2022	912828W55	1,050,000.00	AA+	Aaa	4/1/2019	4/2/2019	1,037,572.27	2.30	6,652.64	1,040,697.75	1,056,439.65
US TREASURY N/B NOTES DTD 06/30/2015 2.125% 06/30/2022	912828XG0	1,420,000.00	AA+	Aaa	3/19/2019	3/20/2019	1,406,909.37	2.42	82.90	1,409,962.63	1,438,748.26
UNITED STATES TREASURY NOTES DTD 07/15/2019 1.750% 07/15/2022	9128287C8	1,000,000.00	AA+	Aaa	7/31/2019	7/31/2019	998,789.06	1.79	8,084.24	998,959.07	1,003,867.00
US TREASURY NOTES DTD 09/30/2015 1.750% 09/30/2022	912828L57	2,000,000.00	AA+	Aaa	3/19/2019	3/20/2019	1,954,531.25	2.43	8,893.44	1,964,315.60	2,008,046.00
US TREASURY NOTES DTD 12/31/2015 2.125% 12/31/2022	912828N30	1,580,000.00	AA+	Aaa	3/19/2019	3/20/2019	1,562,903.91	2.43	92.24	1,566,343.41	1,604,069.72
US TREASURY NOTES DTD 03/31/2016 1.500% 03/31/2023	912828Q29	2,000,000.00	AA+	Aaa	3/19/2019	3/20/2019	1,929,140.63	2.43	7,622.95	1,942,412.84	1,992,734.00
US TREASURY NOTES DTD 06/30/2016 1.375% 06/30/2023	912828S35	2,000,000.00	AA+	Aaa	3/19/2019	3/20/2019	1,914,609.38	2.43	75.55	1,929,618.32	1,982,578.00
US TREASURY NOTES DTD 08/01/2016 1.250% 07/31/2023	912828S92	1,790,000.00	AA+	Aaa	4/1/2019	4/2/2019	1,712,806.25	2.30	9,363.45	1,725,648.73	1,766,017.58
US TREASURY N/B DTD 09/30/2016 1.375% 09/30/2023	912828T26	2,000,000.00	AA+	Aaa	3/19/2019	3/20/2019	1,909,531.25	2.44	6,987.70	1,924,511.04	1,980,078.00
US TREASURY NOTES DTD 01/03/2017 2.250% 12/31/2023	912828V23	2,000,000.00	AA+	Aaa	3/19/2019	3/20/2019	1,982,968.75	2.44	123.63	1,985,657.70	2,045,546.00

Managed Account Detail of Securities Held

Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
U.S. Treasury Bond / Note											
US TREASURY N/B NOTES DTD 02/28/2017 2.125% 02/29/2024	912828W48	2,000,000.00	AA+	Aaa	3/19/2019	3/20/2019	1,970,625.00	2.44	14,361.26	1,975,061.58	2,037,110.00
US TREASURY N/B NOTES DTD 05/01/2017 2.000% 04/30/2024	912828X70	960,000.00	AA+	Aaa	6/3/2019	6/7/2019	964,875.00	1.89	3,270.33	964,339.24	973,162.56
US TREASURY N/B NOTES DTD 06/30/2017 2.000% 06/30/2024	912828XX3	500,000.00	AA+	Aaa	7/1/2019	7/3/2019	505,156.25	1.78	27.47	504,665.83	506,933.50
US TREASURY N/B DTD 07/31/2017 2.125% 07/31/2024	9128282N9	965,000.00	AA+	Aaa	8/28/2019	8/29/2019	998,737.30	1.39	8,581.42	996,483.91	983,772.15
US TREASURY N/B NOTES DTD 08/31/2017 1.875% 08/31/2024	9128282U3	780,000.00	AA+	Aaa	9/3/2019	9/3/2019	797,732.81	1.40	4,941.96	796,598.40	786,733.74
Security Type Sub-Total		28,960,000.00					28,619,307.63	2.12	127,812.84	28,690,298.31	29,133,505.87
U.S. Treasury Bill											
UNITED STATES TREASURY BILL DTD 07/05/2019 0.000% 01/02/2020	912796RT8	1,500,000.00	A-1+	P-1	12/26/2019	12/26/2019	1,499,582.77	1.43	0.00	1,499,940.39	1,500,000.00
UNITED STATES TREASURY BILL DTD 11/12/2019 0.000% 01/07/2020	912796WM7	3,280,000.00	A-1+	P-1	12/30/2019	12/30/2019	3,278,956.23	1.43	0.00	3,279,217.16	3,279,376.80
UNITED STATES TREASURY BILL DTD 08/08/2019 0.000% 02/06/2020	912796TE9	1,000,000.00	A-1+	P-1	10/1/2019	10/3/2019	993,918.75	1.75	0.00	998,262.50	998,551.00
UNITED STATES TREASURY BILL DTD 08/08/2019 0.000% 02/06/2020	912796TE9	335,000.00	A-1+	P-1	9/27/2019	9/27/2019	332,795.14	1.81	0.00	334,398.68	334,514.59
Security Type Sub-Total		6,115,000.00					6,105,252.89	1.50	0.00	6,111,818.73	6,112,442.39
Municipal Bond / Note											
RIVERSIDE, CA TXBL PO BONDS DTD 05/31/2017 2.125% 06/01/2021	769036BA1	500,000.00	AA	NR	6/1/2017	6/1/2017	500,000.00	2.13	885.42	500,000.00	501,155.00
VICTOR VALLEY CCD, CA TXBL GO BONDS DTD 05/05/2016 1.896% 08/01/2021	92603PER9	500,000.00	AA-	Aa2	12/28/2016	12/28/2016	490,150.00	2.35	3,950.00	496,485.77	501,235.00

Managed Account Detail of Securities Held

Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
Municipal Bond / Note											
CA ST TXBL GO BONDS DTD 04/27/2017 2.367% 04/01/2022	13063DAD0	1,000,000.00	AA-	Aa2	4/27/2017	4/27/2017	1,010,000.00	2.15	5,917.50	1,004,691.98	1,014,010.00
Security Type Sub-Total		2,000,000.00					2,000,150.00	2.19	10,752.92	2,001,177.75	2,016,400.00
Federal Agency Bond / Note											
FFCB (CALLABLE) AGENCY NOTES DTD 03/23/2016 1.590% 03/23/2020	3133EFR25	1,000,000.00	AA+	Aaa	3/23/2016	3/23/2016	1,000,000.00	1.59	4,328.33	1,000,000.00	1,000,013.00
FFCB NOTES (CALLABLE) DTD 05/03/2016 1.700% 05/03/2021	3133EF5T0	1,000,000.00	AA+	Aaa	5/3/2016	5/3/2016	1,000,000.00	1.70	2,738.89	1,000,000.00	999,662.00
FANNIE MAE NOTES DTD 06/16/2016 1.500% 06/16/2021	3136G3QX6	1,000,000.00	AA+	Aaa	6/16/2016	6/16/2016	995,000.00	1.60	625.00	998,500.33	993,371.00
FEDERAL HOME LOAN BANKS NOTES DTD 04/26/2017 2.000% 10/26/2021	3130AB3D6	1,000,000.00	AA+	Aaa	4/26/2017	4/26/2017	1,000,000.00	2.00	3,611.11	1,000,000.00	1,006,256.00
FANNIE MAE NOTES DTD 10/18/2019 1.625% 10/15/2024	3135G0W66	1,000,000.00	AA+	Aaa	11/25/2019	11/25/2019	997,860.00	1.67	3,295.14	997,903.33	995,441.00
Security Type Sub-Total		5,000,000.00					4,992,860.00	1.71	14,598.47	4,996,403.66	4,994,743.00
Corporate Note											
HSBC BANK USA NA CORP NOTES DTD 08/24/2010 4.875% 08/24/2020	4042Q1AE7	2,000,000.00	A	A1	5/17/2016	5/17/2016	2,191,145.28	2.50	34,395.83	2,030,278.24	2,034,478.00
GENERAL ELECTRIC CO CORP NOTES DTD 07/02/2016 2.342% 11/15/2020	36164QMS4	1,000,000.00	BBB+	Baa1	3/10/2017	3/10/2017	1,010,642.28	2.04	2,992.56	1,002,596.28	1,000,807.00
CHEVRON CORP (CALLABLE) NOTES DTD 05/16/2016 2.100% 05/16/2021	166764BG4	1,000,000.00	AA	Aa2	5/10/2017	5/10/2017	999,500.00	2.11	2,625.00	999,824.75	1,006,315.00
STATE STREET CORP NOTES DTD 05/19/2016 1.950% 05/19/2021	857477AV5	530,000.00	A	A1	3/20/2019	3/22/2019	520,566.00	2.81	1,205.75	523,896.18	531,098.69

Managed Account Detail of Securities Held

Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
Corporate Note											
AMERICAN EXPRESS CREDIT (CALLABLE) NOTES DTD 03/03/2017 2.700% 03/03/2022	0258M0EG0	1,000,000.00	A-	A2	5/15/2017	5/15/2017	1,013,279.67	2.41	8,850.00	1,006,070.24	1,016,787.00
PACCAR FINANCIAL CORP CORP NOTES DTD 05/10/2019 2.650% 05/10/2022	69371RP83	580,000.00	A+	A1	5/3/2019	5/10/2019	579,686.80	2.67	2,177.42	579,751.78	590,818.16
BRANCH BANKING & TRUST CORP NOTES DTD 03/18/2019 3.050% 06/20/2022	05531FBG7	525,000.00	A-	A3	3/20/2019	3/22/2019	525,714.00	3.01	489.27	525,539.22	538,120.28
AMAZON.COM INC BONDS DTD 06/06/2018 2.400% 02/22/2023	023135AW6	675,000.00	AA-	A3	4/11/2019	4/15/2019	668,499.75	2.66	5,805.00	669,660.42	687,004.20
EXXON MOBIL CORPORATION CORP NOTES DTD 03/03/2016 2.726% 03/01/2023	30231GAR3	985,000.00	AA+	Aaa	6/13/2019	6/14/2019	1,001,400.25	2.26	8,950.37	999,081.88	1,008,913.83
JPMORGAN CHASE & CO CORP NOTES DTD 05/18/2016 2.700% 05/18/2023	46625HRL6	525,000.00	A-	A2	3/20/2019	3/22/2019	517,970.25	3.04	1,693.13	519,225.78	534,552.38
BANK OF AMERICA CORP NOTES DTD 07/23/2013 4.100% 07/24/2023	06053FAA7	500,000.00	A-	A2	3/20/2019	3/22/2019	520,405.00	3.09	8,940.28	516,968.72	533,346.50
Security Type Sub-Total		9,320,000.00					9,548,809.28	2.51	78,124.61	9,372,893.49	9,482,241.04
Commercial Paper											
MUFG BANK LTD/NY COMM PAPER DTD 10/25/2019 0.000% 06/24/2020	62479LFQ3	1,000,000.00	A-1	P-1	10/25/2019	10/28/2019	987,133.33	1.96	0.00	990,618.05	990,662.00
BNP PARIBAS NY BRANCH COMM PAPER DTD 10/25/2019 0.000% 06/24/2020	09659BFQ8	1,000,000.00	A-1	P-1	10/25/2019	10/28/2019	987,533.33	1.89	0.00	990,909.72	990,833.00
Security Type Sub-Total		2,000,000.00					1,974,666.66	1.92	0.00	1,981,527.77	1,981,495.00
Certificate of Deposit - FDIC Insured											

Managed Account Detail of Securities Held

Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
Certificate of Deposit - FDIC Insured											
LAKESIDE BANK CD DTD 05/30/2017 1.750% 05/29/2020	51210SMU8	249,000.00	NR	NR	5/30/2017	5/30/2017	249,000.00	1.75	11.94	249,000.00	249,094.62
CAPITAL ONE BANK USA NA CD DTD 10/26/2016 1.500% 10/26/2020	140420L99	248,000.00	NR	NR	10/26/2016	10/26/2016	248,000.00	1.50	682.85	248,000.00	247,207.14
PONCE DE LEON FEDERAL BK CD DTD 05/31/2017 1.850% 05/28/2021	732333AJ8	249,000.00	NR	NR	5/31/2017	5/31/2017	249,000.00	1.85	25.24	249,000.00	249,586.64
DISCOVER BANK CD DTD 12/29/2016 2.250% 12/29/2021	254672Y36	247,000.00	NR	NR	12/29/2016	12/29/2016	247,000.00	2.25	45.68	247,000.00	249,611.28
STATE BANK OF INDIA CD DTD 01/26/2017 2.250% 01/26/2022	8562846A7	247,000.00	NR	NR	1/26/2017	1/26/2017	247,000.00	2.25	2,420.94	247,000.00	249,655.99
SYNCHRONY BANK CD DTD 02/24/2017 2.300% 02/24/2022	87165ELT2	247,000.00	NR	NR	2/28/2017	2/28/2017	247,000.00	2.30	2,023.37	247,000.00	249,967.71
BMW BANK NORTH AMERICA CD DTD 03/10/2017 2.150% 03/10/2022	05580AGR9	247,000.00	NR	NR	3/10/2017	3/10/2017	247,000.00	2.15	1,644.07	247,000.00	249,205.96
BELMONT SAVINGS BANK CD DTD 03/20/2017 2.150% 03/21/2022	080515BV0	248,000.00	NR	NR	3/20/2017	3/20/2017	248,000.00	2.15	1,490.04	248,000.00	250,226.30
AMERICAN EXPRESS CREDIT CD DTD 04/05/2017 2.450% 04/05/2022	02587DN38	247,000.00	NR	NR	4/5/2017	4/5/2017	247,000.00	2.45	1,458.99	247,000.00	250,044.52
Security Type Sub-Total		2,229,000.00					2,229,000.00	2.07	9,803.12	2,229,000.00	2,244,600.16
Certificate of Deposit											
SUMMIT COMMUNITY BANK CD DTD 05/31/2017 1.650% 05/29/2020	86604XLT1	249,000.00	NR	NR	5/31/2017	5/31/2017	249,000.00	1.65	11.26	249,000.00	248,991.29
CREDIT AGRICOLE CIB NY CERT DEPOS DTD 04/04/2019 2.830% 04/02/2021	22535CDU2	575,000.00	A+	Aa3	4/3/2019	4/4/2019	575,000.00	2.85	12,294.78	575,000.00	580,876.50
DNB BANK ASA/NY LT CD DTD 12/04/2019 2.040% 12/02/2022	23341VZT1	430,000.00	AA-	Aa2	12/5/2019	12/6/2019	430,000.00	2.04	657.90	430,000.00	429,538.18
Security Type Sub-Total		1,254,000.00					1,254,000.00	2.34	12,963.94	1,254,000.00	1,259,405.97

Managed Account Detail of Securities Held

Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
Managed Account Sub Total		56,878,000.00					56,724,046.46	2.08	254,055.90	56,637,119.71	57,224,833.43
Securities Sub-Total		\$56,878,000.00					\$56,724,046.46	2.08%	\$254,055.90	\$56,637,119.71	\$57,224,833.43
Accrued Interest											\$254,055.90
Total Investments											\$57,478,889.33

Bolded items are forward settling trades.

IMPORTANT DISCLOSURES

This material is based on information obtained from sources generally believed to be reliable and available to the public; however, PFM Asset Management LLC cannot guarantee its accuracy, completeness or suitability. This material is for general information purposes only and is not intended to provide specific advice or a specific recommendation. All statements as to what will or may happen under certain circumstances are based on assumptions, some, but not all of which, are noted in the presentation. Assumptions may or may not be proven correct as actual events occur, and results may depend on events outside of your or our control. Changes in assumptions may have a material effect on results. Past performance does not necessarily reflect and is not a guaranty of future results. The information contained in this presentation is not an offer to purchase or sell any securities.

- Market values that include accrued interest are derived from closing bid prices as of the last business day of the month as supplied by Interactive Data, Bloomberg, or Telerate. Where prices are not available from generally recognized sources, the securities are priced using a yield based matrix system to arrive at an estimated market value.
- In accordance with generally accepted accounting principles, information is presented on a trade date basis; forward settling purchases are included in the monthly balances, and forward settling sales are excluded.
- Performance is presented in accordance with the CFA Institute's Global Investment Performance Standards (GIPS). Unless otherwise noted, performance is shown gross of fees. Quarterly returns are presented on an unannualized basis. Returns for periods greater than one year are presented on an annualized basis. Past performance is not indicative of future returns.
- Bank of America/Merrill Lynch Indices provided by Bloomberg Financial Markets.
- Money market fund/cash balances are included in performance and duration computations.
- Standard & Poor's is the source of the credit ratings. Distribution of credit rating is exclusive of money market fund/LGIP holdings.
- Callable securities in the portfolio are included in the maturity distribution analysis to their stated maturity date, although, they may be called prior to maturity.
- MBS maturities are represented by expected average life.

GLOSSARY

- **ACCRUED INTEREST:** Interest that is due on a bond or other fixed income security since the last interest payment was made.
- **AGENCIES:** Federal agency securities and/or Government-sponsored enterprises.
- **AMORTIZED COST:** The original cost of the principal of the security is adjusted for the amount of the periodic reduction of any discount or premium from the purchase date until the date of the report. Discount or premium with respect to short-term securities (those with less than one year to maturity at time of issuance) is amortized on a straight line basis. Such discount or premium with respect to longer-term securities is amortized using the constant yield basis.
- **BANKERS' ACCEPTANCE:** A draft or bill of exchange accepted by a bank or trust company. The accepting institution guarantees payment of the bill as well as the insurer.
- **COMMERCIAL PAPER:** An unsecured obligation issued by a corporation or bank to finance its short-term credit needs, such as accounts receivable and inventory.
- **CONTRIBUTION TO DURATION:** Represents each sector or maturity range's relative contribution to the overall duration of the portfolio measured as a percentage weighting. Since duration is a key measure of interest rate sensitivity, the contribution to duration measures the relative amount or contribution of that sector or maturity range to the total rate sensitivity of the portfolio.
- **DURATION TO WORST:** A measure of the sensitivity of a security's price to a change in interest rates, stated in years, computed from cash flows to the maturity date or to the put date, whichever results in the highest yield to the investor.
- **EFFECTIVE DURATION:** A measure of the sensitivity of a security's price to a change in interest rates, stated in years.
- **EFFECTIVE YIELD:** The total yield an investor receives in relation to the nominal yield or coupon of a bond. Effective yield takes into account the power of compounding on investment returns, while nominal yield does not.
- **FDIC:** Federal Deposit Insurance Corporation. A federal agency that insures bank deposits to a specified amount.
- **INTEREST RATE:** Interest per year divided by principal amount and expressed as a percentage.
- **MARKET VALUE:** The value that would be received or paid for an investment in an orderly transaction between market participants at the measurement date.
- **MATURITY:** The date upon which the principal or stated value of an investment becomes due and payable.
- **NEGOTIABLE CERTIFICATES OF DEPOSIT:** A CD with a very large denomination, usually \$1 million or more, that can be traded in secondary markets.
- **PAR VALUE:** The nominal dollar face amount of a security.

GLOSSARY

- **PASS THROUGH SECURITY:** A security representing pooled debt obligations that passes income from debtors to its shareholders. The most common type is the mortgage-backed security.
- **REPURCHASE AGREEMENTS:** A holder of securities sells these securities to an investor with an agreement to repurchase them at a fixed price on a fixed date.
- **SETTLE DATE:** The date on which the transaction is settled and monies/securities are exchanged. If the settle date of the transaction (i.e., coupon payments and maturity proceeds) occurs on a non-business day, the funds are exchanged on the next business day.
- **TRADE DATE:** The date on which the transaction occurred; however, the final consummation of the security transaction and payment has not yet taken place.
- **UNSETTLED TRADE:** A trade which has been executed; however, the final consummation of the security transaction and payment has not yet taken place.
- **U.S. TREASURY:** The department of the U.S. government that issues Treasury securities.
- **YIELD:** The rate of return based on the current market value, the annual interest receipts, maturity value, and the time period remaining until maturity, stated as a percentage on an annualized basis.
- **YTM AT COST:** The yield to maturity at cost is the expected rate of return based on the original cost, the annual interest receipts, maturity value, and the time period from purchase date to maturity, stated as a percentage on an annualized basis.
- **YTM AT MARKET:** The yield to maturity at market is the rate of return based on the current market value, the annual interest receipts, maturity value, and the time period remaining until maturity, stated as a percentage on an annualized basis.



Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

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

Karen W. Murphy
Attorney

**FEBRUARY 24, 2020
BOARD OF DIRECTORS MEETING
AGENDA ITEM # 9**

TITLE: Review and Consider Approval of Publicly Available Pay Schedule Effective March 1, 2020 *(This is a Motion Item)*

SUBMITTED: Paul R. Eldredge, General Manager/District Engineer
Gene Boucher, Human Resources Manager

Recommendation

The President, USD Board of Directors, sign the September 1, 2019 Unclassified Employees Pay Schedule and the March 1, 2020 Classified Employees Pay Schedule which will be posted and retained in accordance with CalPERS requirements.

Previous Board Action

3/11/2019 Board Meeting – The Board reviewed and approved the publicly available pay schedule.

Background

The Publicly Available Pay Schedule, mandated by CalPERS in August 2011, is designed to:

1. ensure consistency between CalPERS employers; and,
2. enhance the disclosure and transparency of public employee compensation.

The “Publicly Available Pay Schedule” (CCR 570.5) must:

- be duly approved and adopted by the employer’s governing body in accordance with requirements of applicable public meetings laws;

- identify the position title for every employee position;
- show the pay rate for each identified position as a single amount or as multiple amounts within a range;
- indicate the time base (i.e., bi-weekly, monthly, etc.);
- be posted at the office of the employer or immediately accessible and available for public review from the employer during normal business hours or posted on the employer's internet website;
- indicate an effective date and date of any revisions;
- be retained by the employer and available for public inspection for not less than 5 years.

The salary changes contained in the attached documents are:

- 1) On January 8, 2020, CalPERS issued Circular Letter 200-003-20 outlining the statutory and regulatory requirements for publicly available pay schedules. CalPERS updated the requirements for showing the pay rate for each identified position to include the pay rate at each step within the pay range being shown on the table rather than the minimum and maximum. The pay tables for Classified staff have been updated to reflect this requirement, and now show each step within the page range. The format for unclassified staff remains unchanged.
- 2) The adjustments made to the Unclassified employee pay ranges effective September 1, 2019 as the result of the August 2019 MSA adjustments and Performance Appraisals.
- 3) The adjustments made to the Classified employee pay ranges effective March 1, 2020, as per the Memorandum of Understanding dated February 26, 2019 – December 31, 2022 between Union Sanitary District and SIU, Local 1021.
- 4) Addition of two Limited Term positions – Enhanced Treatment Site Upgrade Program Manager – Limited Term and Enhanced Treatment Site Upgrade Assistant Program Manager – Limited Term.

Attachments: Classified Salary Schedule Effective March 1, 2020
 Unclassified Salary Schedule Effective September 1, 2019

**Union Sanitary District
Classified Employees Salary Schedule
Effective March 1, 2020**

Position Title	Grade	Step 1	Step 2	Step 3	Step 4	Step 5
Accountant	1	\$42.1667	\$44.2751	\$46.4888	\$48.8133	\$51.2539
Accountant	2	\$46.3835	\$48.7027	\$51.1379	\$53.6948	\$56.3795
Accounting Technician I	1	\$36.7489	\$38.5863	\$40.5156	\$42.5414	\$44.6685
Accounting Technician II	2	\$40.4235	\$42.4447	\$44.5669	\$46.7952	\$49.1350
Accounting Technical Specialist		\$45.4765	\$47.7503	\$50.1378	\$52.6447	\$55.2769
Administrative Specialist I	1	\$35.9201	\$37.7161	\$39.6019	\$41.5820	\$43.6611
Administrative Specialist II	2	\$37.8106	\$39.7011	\$41.6862	\$43.7705	\$45.9590
Assistant Storekeeper		\$34.9281	\$36.6746	\$38.5083	\$40.4337	\$42.4554
Chemist I	1	\$49.4238	\$51.8949	\$54.4897	\$57.2142	\$60.0749
Chemist II	2	\$51.8950	\$54.4898	\$57.2143	\$60.0750	\$63.0787
Collection System Trainer		\$49.2099	\$51.6704	\$54.2540	\$56.9667	\$59.8150
Collection System Worker I	1	\$38.7326	\$40.6692	\$42.7026	\$44.8378	\$47.0796
Collection System Worker II	2	\$42.6060	\$44.7363	\$46.9731	\$49.3218	\$51.7879
Communications & Intergovernmental Relations Coordinator		\$53.3226	\$55.9886	\$58.7881	\$61.7274	\$64.8138
Construction Inspector I	1	\$43.1808	\$45.3398	\$47.6068	\$49.9871	\$52.4865
Construction Inspector II	2	\$47.4987	\$49.8737	\$52.3673	\$54.9857	\$57.7350
Construction Inspector III	3	\$49.3988	\$51.8687	\$54.4621	\$57.1853	\$60.0445
Customer Service Fee Analyst		\$41.0463	\$43.0986	\$45.2536	\$47.5162	\$49.8921
EC Outreach Representative		\$50.9406	\$53.4876	\$56.1620	\$58.9701	\$61.9186
EC Specialist/Outreach		\$54.5064	\$57.2317	\$60.0933	\$63.0980	\$66.2529
Engineering Assistant/Plan Checker		\$52.9600	\$55.6080	\$58.3884	\$61.3078	\$64.3732
Engineering Technician I	1	\$41.6640	\$43.7472	\$45.9346	\$48.2313	\$50.6429
Engineering Technician II	2	\$45.8304	\$48.1220	\$50.5281	\$53.0545	\$55.7072
Engineering Technician III	3	\$50.4136	\$52.9342	\$55.5809	\$58.3600	\$61.2780
Environmental Compliance Inspector I	1	\$40.7924	\$42.8320	\$44.9736	\$47.2223	\$49.5834
Environmental Compliance Inspector II	2	\$45.8924	\$48.1870	\$50.5964	\$53.1262	\$55.7825
Environmental Compliance Inspector III	3	\$50.9406	\$53.4876	\$56.1620	\$58.9701	\$61.9186
Environmental Compliance Inspector IV	4	\$54.5064	\$57.2317	\$60.0933	\$63.0980	\$66.2529

Fleet Mechanic I	1	\$41.1466	\$43.2039	\$45.3641	\$47.6323	\$50.0140
Fleet Mechanic II	2	\$46.0842	\$48.3885	\$50.8079	\$53.3483	\$56.0157
Instrument Tech/Electrician		\$50.6841	\$53.2183	\$55.8792	\$58.6731	\$61.6068
Janitor		\$27.9383	\$29.3352	\$30.8020	\$32.3421	\$33.9592
Laboratory Director		\$61.4737	\$64.5474	\$67.7748	\$71.1635	\$74.7217
Lead Collection System Worker		\$46.8666	\$49.2099	\$51.6704	\$54.2540	\$56.9667
Maintenance Assistant		\$17.6819	\$18.5660	\$19.4943	\$20.4690	\$21.4925
Mechanic I	1	\$42.2593	\$44.3723	\$46.5909	\$48.9205	\$51.3665
Mechanic II	2	\$47.3306	\$49.6972	\$52.1820	\$54.7911	\$57.5307
Painter		\$43.4318	\$45.6034	\$47.8835	\$50.2777	\$52.7916
Planner/Scheduler I	1	\$48.5185	\$50.9444	\$53.4916	\$56.1662	\$58.9745
Planner/Scheduler II	2	\$52.1738	\$54.7825	\$57.5216	\$60.3977	\$63.4177
Plant Operations Trainer		\$58.5347	\$61.4614	\$64.5345	\$67.7612	\$71.1493
Plant Operator I	1	\$39.7129	\$41.6986	\$43.7835	\$45.9727	\$48.2713
Plant Operator II	2	\$44.7692	\$47.0076	\$49.3580	\$51.8259	\$54.4172
Plant Operator III	3	\$52.2631	\$54.8763	\$57.6201	\$60.5011	\$63.5261
Receptionist		\$31.4085	\$32.9789	\$34.6278	\$36.3592	\$38.1772
Storekeeper I	1	\$44.1653	\$46.3736	\$48.6923	\$51.1269	\$53.6832
Storekeeper II	2	\$46.3735	\$48.6922	\$51.1268	\$53.6831	\$56.3673
Utility Worker		\$34.4193	\$36.1403	\$37.9473	\$39.8447	\$41.8369

Approved By:

Jennifer Toy, President
Board of Directors

Union Sanitary District
Unclassified Employees Salary Schedule
Effective September 1, 2019

Position Title	Minimum Bi-Weekly Pay Rate	Maximum Bi-Weekly Pay Rate
Accounting and Financial Analyst I	\$3,345.26	\$4,390.65
Accounting and Financial Analyst II	\$3,777.60	\$4,958.10
Assistant Engineer	\$4,042.96	\$5,306.39
Assistant Engineer - Limited Term	\$4,042.96	\$5,306.39
Associate Engineer	\$4,535.99	\$5,953.49
Buyer I	\$3,105.69	\$4,076.22
Buyer II	\$3,450.77	\$4,529.14
Coach, Capital Improvement Projects	\$5,983.39	\$7,853.20
Coach, Collection Services	\$4,738.26	\$6,218.96
Coach, Customer Service	\$5,983.39	\$7,853.20
Coach, Electrical & Technology	\$5,637.99	\$7,399.87
Coach, Environmental Compliance	\$5,141.57	\$6,748.31
Coach, Finance & Acquisition Services	\$5,540.60	\$7,272.04
Coach, Mechanical Maintenance	\$4,800.46	\$6,300.60
Coach, Research & Support/Sr. Process Engineer	\$5,327.93	\$6,992.91
Coach, Wastewater Plant Operations	\$4,847.77	\$6,362.70
Coach, Wastewater Plant Operations - Limited Term	\$4,847.77	\$6,362.70
Enhanced Treatment Site Upgrade Assistant Program Manager - Limited Term	\$5,071.75	\$6,656.67
Enhanced Treatment Site Upgrade Program Manager - Limited Term	\$5,827.17	\$7,648.16
Environmental Health and Safety Program Manager	\$4,370.20	\$5,735.89
Environmental Program Coordinator	\$4,651.89	\$6,105.61
Executive Assistant to the General Manager/Board Secretary	\$3,643.30	\$4,781.83
Human Resources Analyst II	\$3,920.88	\$5,146.16
Human Resources Manager	\$5,531.09	\$7,259.55
Information Technology Administrator	\$5,369.52	\$7,047.49
Information Technology Analyst	\$3,569.98	\$4,685.60
Junior Engineer	\$3,638.67	\$4,775.75
Manager, Business Services / Chief Financial Officer	\$7,503.41	\$9,848.22
Manager, Collection Services	\$6,560.99	\$8,611.30
Manager, Maintenance and Technology Services	\$6,889.04	\$9,041.86
Manager, Technical Services	\$7,196.86	\$9,445.88
Manager, Treatment & Disposal Services	\$6,560.99	\$8,611.30

Unclassified Employees Salary Schedule
Effective September 1, 2019

Position Title	Minimum Bi-Weekly Pay Rate	Maximum Bi-Weekly Pay Rate
Organizational Performance Coordinator I	\$3,380.29	\$4,436.62
Organizational Performance Coordinator II	\$3,904.24	\$5,124.31
Organizational Performance Manager	\$4,509.39	\$5,918.57
Principal Engineer	\$5,413.55	\$7,105.28
Purchasing Agent	\$4,194.52	\$5,505.31
Senior Accounting and Financial Analyst	\$3,993.74	\$5,241.78
Senior Database Administrator / Developer	\$4,467.43	\$5,863.50
Senior GIS/Database Administrator/Developer	\$4,555.21	\$5,978.71
Senior Information Technology Analyst	\$3,966.65	\$5,206.22
Senior Network Administrator	\$4,437.59	\$5,824.34
Senior Engineer/Senior Process Engineer	\$4,820.51	\$6,326.92
General Manager	\$8,520.99	\$11,183.80

Board of Directors: Directors meet or serve in their official capacity 3 – 12 times per month with a maximum of six paid meetings/month at a rate of \$212.10 per meeting and are paid for a maximum of one meeting per day.

Approved by:

Jennifer Toy, President
 Board of Directors



Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

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

Karen W. Murphy
Attorney

**FEBRUARY 24, 2020
BOARD OF DIRECTORS MEETING
AGENDA ITEM # 10**

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

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

Recommendation

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

Previous Board Action

March 11, 2019, the Board conducted a public hearing to receive comments on the Initial Study and Mitigated Negative Declaration of Environmental Impacts for the Standby Power Generation System Upgrade Project.

October 14, 2019, the Board adopted the Mitigated Negative Declaration for the Standby Power Generation System Upgrade Project and approved the Standby Power Generation System Upgrade Project as defined in the Mitigated Negative Declaration.

Background

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

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

Staff made the IS/MND available for public and local and state agency review during the period of February 19, 2019 through March 20, 2019. On March 11, 2019, a public hearing was held during the Board meeting to allow for public comment. Staff did not receive any comments during the public hearing. In October 2019, the Board adopted the IS/MND for the Project and staff filed a Notice of Determination with the Governor's Office of Planning and Research and the Alameda County Clerk.

Meanwhile, the District was in the process of developing the Enhanced Site Treatment Upgrade (ESTU) program to serve as a roadmap for the Alvarado WWTP's infrastructure over the next 40 years. The ESTU program evaluated two potential secondary improvement alternatives that could address the plant's solids capacity needs: conventional activated sludge and membrane bioreactor (MBR). The final ESTU program determined that an enhanced conventional activated sludge secondary process is the best value solution for the District. After finalizing the ESTU program, staff decided to re-evaluate the basis of design for the Project to ensure standby power capacity identified in the Project is appropriate. The evaluation concluded the electrical load projections were lower for the conventional activated sludge secondary treatment process when compared to the membrane bioreactor technology, and instead of the 3.5-megawatt (MW) generators originally planned for the Project, 2.5-MW generators would be of sufficient capacity to meet future power demands.

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

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

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

The Addendum to the IS/MND was circulated through the California State Clearinghouse for a 15-day review period from January 16th thru January 30th. Staff received no comments during the review period. Scheidegger and Associates confirmed with the California State Clearinghouse that no comments were received.

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

Staff recommends the Board consider a resolution to adopt an Addendum to the Mitigated Negative Declaration and Mitigation Monitoring and Reporting Plan for the Standby Power Generation System Upgrade Project and approve modifications to the Project as set forth in the Addendum to the Mitigated Negative Declaration.

PRE/SEG/RC/KC/mb

Attachments: Figure 1 – Site Plan
Initial Study/Mitigated Negative Declaration (link below)
Addendum to the Initial Study/Mitigated Negative Declaration (link below)
Notice of Determination
Resolution

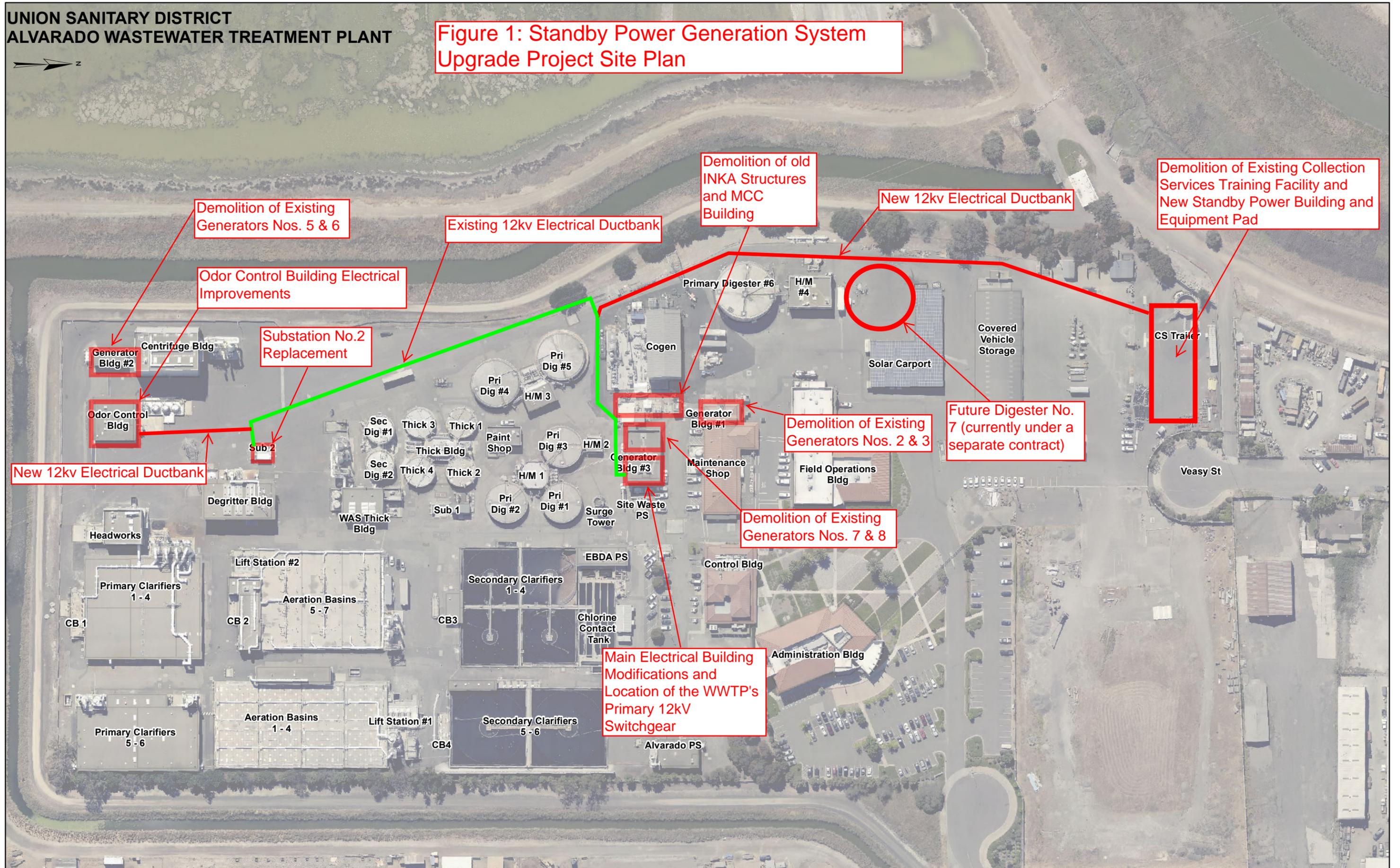
The following documents can be downloaded at the links below:

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

[Addendum to the Initial Study/Mitigated Negative Declaration](#)



Figure 1: Standby Power Generation System Upgrade Project Site Plan



Notice of Determination

Appendix D

To:

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

From:

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

County Clerk

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

Lead Agency (if different from above):

Address:
Contact:
Phone:

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

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

Project Title: Standby Power Generation System Upgrade Project

Project Applicant: Union Sanitary District

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

Project Description: The approved Project evaluated in the original IS/NMD included two minimum rated 3.5-megawatt (MW) standby engine generators, with room for two future engine generators, with associated electrical equipment. Since that time, electrical load projections for the Alvarado WWTP have decreased significantly due to a new strategy for planned treatment process upgrades. The modified Project scope, addressed in the Addendum to the IS/MND, has been reduced to include three 2.5 MW generators with room for one future engine generator and a reduced construction footprint.

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

described project on February 24, 2020 and has made the following determinations regarding the above
(Date)

described project:

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

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

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

Signature (Public Agency) Title

Date Date Received for filing at OPR

RESOLUTION NO. _____

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

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

WHEREAS, due to some changes in the Project, the Union Sanitary District (the “District”) has prepared and distributed for comment an Addendum to the Initial Study and Mitigated Negative Declaration (the “Addendum”); and

WHEREAS, the District provided a comment period from January 16, 2020 through January 31, 2020; and

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

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

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

1. The Board hereby makes the following findings and determinations with respect to the Standby Power Generation System Upgrade Project Addendum to the IS/MND:
 - a. The Board has reviewed and considered the Addendum to the IS/MND.
 - b. The information included in the Addendum to the IS/MND constitutes minor changes or additions pursuant to CEQA Guidelines Section 15164 and none of the conditions described in Section 15162, including substantial changes to the project involving new significant impacts or new information showing new significant effects, have occurred. Further, the modifications constitute clarifying or amplifying revisions or insignificant modifications, under CEQA Guidelines Section 15073.5, and no recirculation of the IS/MND is required.
 - c. The Addendum to the IS/MND adequately provides updated information on the environmental impacts of the Project. On the basis of the whole

record before it, the Board finds that there is no substantial evidence that the Project, as mitigated and modified, will have a significant effect on the environment.

- d. The Addendum to the IS/MND has been completed in compliance with CEQA and the CEQA Guidelines.
2. The Board hereby adopts the Addendum to the IS/MND for the proposed Standby Power Generation System Upgrade Project and hereby approves the modifications set forth in the Addendum to the IS/NMD for the Standby Power Generation System Upgrade Project.
3. The Board hereby adopts the updated Mitigation Monitoring and Reporting Program included in the Addendum to the IS/MND, which is incorporated herein by reference.
4. The Board directs staff to file a notice of determination with the County Clerk of Alameda County.
5. Pursuant to CEQA Guidelines section 15091(e), the documents and other materials that constitute the record of proceedings upon which the Board of Directors has based its recommendations are located in and may be obtained from, the Office of the Union Sanitary District at 5072 Benson Road, Union City, 94587. The Board Clerk is the custodian of records for all matters before the Board.

CERTIFICATION

I do hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the Board of Directors of the Union Sanitary District, in Alameda County, California, held on the 24th day of February 2020.

AYES:

NOES:

ABSTAIN:

ABSENT:

Attest:

JENNIFER TOY
President, Board of Directors
Union Sanitary District

PAT KITE
Secretary, Board of Directors
Union Sanitary District



Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

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

Karen W. Murphy
Attorney

**FEBRUARY 24, 2020
BOARD OF DIRECTORS MEETING
AGENDA ITEM # 11**

TITLE: Consider and Approve Amendment to Contract with Pier 2 Marketing for District Branding Initiative (*This is a Motion Item*)

SUBMITTED: Paul R. Eldredge, General Manager/District Engineer
Michelle Powell, Communications & Intergovernmental Relations Coordinator
Regina McEvoy, Executive Assistant to the General Manager/Board Clerk

Recommendation

Consider Approval of Amendment to contract with Pier 2 Marketing for District Branding Initiative

Previous Board Action

3/13/2017 Board Meeting – Board directed staff to pursue a Branding Initiative

1/12/2018 Board Meeting – Board received informational update following staff selection of branding consultant

Background

Staff has worked with Pier 2 Marketing since January 2018 to develop branding concepts. The Board provided feedback to options developed by Pier 2 during a series of workshops where several rounds of edits and additional options were requested. These additional concepts were beyond the original contract scope, and were further refined pursuant to Board direction.

The additional work assigned to Pier 2 has resulted in expenditures that have exceeded the original contract amount. Staff is requesting an amendment to Pier 2's original contract for an additional \$30,000 for the development of branding guidelines and a style guide.



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

- Commissioners Cutter, Handley, Johnson, Mendall, and Walters were present.
- Commissioner Johnson moved to approve the Commission Meeting Minutes of December 19, 2019, List of Disbursements for December 2019, and the December 2019 Treasurer's Report. The motion was seconded by Commissioner Walters and carried 5-0 (Walters, Handley, Johnson, Mendall, Cutter; ayes).
- The Commission unanimously approved the reports from the Managers Advisory, Financial Management, Personnel, and Operations & Maintenance. The following items were discussed:
- **General Managers Report** - The General Manager (GM) reported that EBDA will continue to electronically send Commission Agenda packets but will only mail paper packets to parties that request them. The GM then reviewed potential funding opportunities contained in a pending bill that would put a bond on the November 2020 ballot for climate resilience and wildfire protection projects. The GM also reported on her attendance at the BACWA Annual Meeting, highlighting breakthroughs on the Basin Plan Amendment for Total Residual Chlorine. If approved, the Amendment would remove the requirement to meet an instantaneous 0.0 mg/L chlorine residual limit, which would result in less dechlorinating chemicals released into the Bay and also save agency funds.

Lastly, the GM reported that she will distribute a formal rating sheet for her annual review. Comments will be compiled and used for her evaluation at the next Commission Meeting during closed session.

- **Managers Advisory Committee (MAC)** met with the General Manager on January 9, 2020. One point of discussion was the approach to capital payments approved in last year's RRF Resolution. Line items include San Leandro's electrical upgrade project, refurbishing two SLEPS pumps, and the purchase of couplings for faster response to a transport system failure. The MAC supported staff's recommendation that EBDA pay San Leandro the pre-approved amounts for the electrical upgrade, pumps, and coupling purchase. The GM will bring them forward for the Commission's consideration.
- **Financial Management Committee** met with the GM on January 13, 2020, where they reviewed the List of Disbursements and Treasurer's Report for December. The GM noted that EBDA transferred funds from its Local Agency Investment Funds (LAIF) account to address short-term cash constraints. The Committee also reviewed and gave feedback on EBDA's website rebuild, which the GM reviewed for the Commission, requesting any comments or feedback on the site be submitted within the next few weeks. The Finance Committee also reviewed next steps for the LAVWMA agreement.
- **Regulatory Affairs Committee** met on January 15, 2020. The GM reviewed the NPDES Status Report, referencing graphs and tables showing compliance for CBOD, TSS and bacteria limits. The GM provided an update on engaging independent consulting experts on bacterial regrowth, noting a meeting is taking place in the coming week to discuss developing a scope for managing bacteria system-wide.

The GM reviewed an update from the Nutrient Management Strategy Science Program included in the agenda, which gives an update on the state of the science upon completion of the first five years of study and the start of the next five-year program. The document highlights current data on nutrients in the various regions of the Bay, noting regions for concern and further study.

Lastly, the GM recapped the California Water Resilience Portfolio Draft, released by Governor Newsom’s administration, which outlines a climate-resilient water portfolio for the state. Comments to the draft are due February 7th and the GM plans to submit feedback as part of collaborative comment letters with the AQPI project and CASA.

- **Operations and Maintenance (O&M) Committee** – The Operations and Maintenance Committee met on January 14, 2020, and discussed the status of the EBDA facilities. The O&M Manager provided an update on current projects. For AEPS, Pump No. 6’s temporarily repaired impeller was installed, and the Variable Frequency Drive (VFD) failed after installation. A purchase order was issued for a new impeller, and a resolution will be brought to the Commission for the VFD repair. At HEPS, the O&M manager reviewed recently completed fencing, and current painting projects. At OLEPS, the underground portion of the conduit and water line installation was completed prior to the start of paving and the paving between OLEPS and OLSD was completed. The O&M Manager reviewed for the Commission an annual recap of recycled water use at Skywest, and reported there will be a quarterly Cyber Security meeting later in the day.

For the AQPI project, the GM attended a ribbon-cutting ceremony for the first permanent X-band radar installation at the Penitencia Water Treatment Plant at Santa Clara Valley Water District. A regional Planning Agreement was signed which commits the participating agencies to outline an operational plan and work on increasing media attention with the intention of securing additional funding post-grant. The goal is to have a regional O&M agreement by July 2020. On January 24th, there will be a user training session for the participating agencies conducted by NOAA on how to view and download the data from the radar system. An upcoming project will be finding a site for installation of a C-band radar, which enhances and completes the regional radar system.

- **Resolution Authorizing the General Manager to Enter into a Cooperative Agreement to Provide Funding for Shared Temporary Deployment of Precipitation Forecasting System with Sonoma County Water Agency**

Commissioner Walters moved to adopt the Resolution authorizing the GM to enter into a cooperative agreement with Sonoma County Water Agency. The motion was seconded by Commissioner Handley and carried unanimously, 5-0 by roll call vote.

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

- **Resolution Approving Amendments to the Personnel Policy**

Commissioner Mendall moved to adopt the Resolution approving amendments to the Personnel Policy. The motion was seconded by Commissioner Handley and carried unanimously, 5-0 by roll call vote.

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

- **Resolution of Appreciation for Al Mendall**

The Commission thanked Commissioner Mendall for his many individual contributions and his aid with successfully negotiating and adopting the JPA renewal.

Commissioner Handley moved to adopt the Resolution of Appreciation for Al Mendall. The motion was seconded by Commissioner Johnson and carried unanimously, 5-0 by roll call vote.

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

- **Items from the Commission and Staff**

The Commission relayed there would be an alternate for the coming month.

**UNION SANITARY DISTRICT
CHECK REGISTER
02/01/2020-02/14/2020**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
173556	2/6/2020	110	3190	EAST BAY DISCHARGERS AUTHORITY	O&M ASSESSMENT, JAN-MAR 2020	\$379,314.30	\$379,314.30
173672	2/13/2020	120	6386	SCHWALM USA LLC	SYSTEM PURCHASE	\$71,075.00	\$71,075.00
173585	2/6/2020	110	1423318	POLYDYNE INC	10,120 LBS CLARIFLOC C-6267	\$11,265.53	\$67,216.03
	2/6/2020	110	1421438		41,660 LBS CLARIFLOC WE-539	\$5,678.65	
	2/6/2020	110	1401004		45,160 LBS CLARIFLOC C-6267	\$50,271.85	
173660	2/13/2020	170	096020200131	PACIFIC GAS AND ELECTRIC	SERV TO 01/30/2020 CATHODIC PROJECT	\$42.44	\$64,807.78
	2/13/2020	170	898220200206		SERV TO 01/30/20 FREMONT PS	\$193.59	
	2/13/2020	170	666720200206		SERV TO 01/30/2020 PASEO PADRE PS	\$367.48	
	2/13/2020	170	380420200131		SERV TO 01/30/20 CHERRY ST PS	\$244.88	
	2/13/2020	110	892820200206		SERV TO 01/30/20 HAYWARD MARSH	\$57.80	
	2/13/2020	110	170120200206		SERV TO 01/21/2020 PLANT	\$63,901.59	
173664	2/13/2020	110	1423352	POLYDYNE INC	33,700 LBS CLARIFLOC C-6267	\$37,514.65	\$37,514.65
173631	2/13/2020	143	13603	DW NICHOLSON CORP	CALCIUM THIOSULFATE CHEMICAL TANK	\$36,521.99	\$36,521.99
173626	2/13/2020	143	183786	CAROLLO ENGINEERS	ALVARADO INFLUENT PS PUMPS AND VFDS	\$10,756.43	\$27,185.45
	2/13/2020	143	183798		AERATION BLOWER 11 (HIGH SPEED)	\$16,429.02	
173643	2/13/2020	143	W8X99300005	JACOBS ENGINEERING GROUP, INC	PUMP STATIONS ODOR CONTROL STUDY	\$12,226.66	\$20,134.74
	2/13/2020	143	W8Y02800002		PLANT ODOR CONTROL PILOT STUDY	\$7,908.08	

**UNION SANITARY DISTRICT
CHECK REGISTER
02/01/2020-02/14/2020**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
173679	2/13/2020		533620200122	US BANK CORP PAYMENT SYSTEM	MONTHLY CAL-CARD REPORT - JAN 2020	\$19,007.32	\$19,007.32
173583	2/6/2020	110	224720200129	PACIFIC GAS AND ELECTRIC	SERV TO 01/22/20 CS TRAINING TRAILER	\$28.35	\$17,777.03
	2/6/2020	170	761520200127		SERV TO 01/26/20 NEWARK PS	\$17,748.68	
173605	2/6/2020	143	171747	WOODARD & CURRAN INC	CONTROL BOX NO. 1 IMPROVEMENTS	\$16,839.25	\$16,839.25
173555	2/6/2020		108208795	EARTHCAM INC	1 TIME LAPSE CAMERA	\$14,838.75	\$14,838.75
173597	2/6/2020	110	981521	UNIVAR SOLUTIONS USA INC	4500 GALS SODIUM HYPOCHLORITE	\$3,250.69	\$13,517.93
	2/6/2020	110	981033		4805 GALS SODIUM HYPOCHLORITE	\$3,471.01	
	2/6/2020	110	981039		4497.3 GALS SODIUM HYPOCHLORITE	\$3,248.73	
	2/6/2020	110	981390		4910.9 GALS SODIUM HYPOCHLORITE	\$3,547.50	
173571	2/6/2020	110	9017660995	KEMIRA WATER SOLUTIONS INC	46,000 LBS FERROUS CHLORIDE	\$6,668.38	\$13,200.11
	2/6/2020	110	9017660324		45,280 LBS FERROUS CHLORIDE	\$6,531.73	
173539	2/6/2020	110	4071038120200124	ALAMEDA COUNTY WATER DISTRICT	SERV TO: 01/22/20-BENSON ROAD	\$131.46	\$12,116.88
	2/6/2020	110	4071036120200123		SERV TO: 01/22/20-BENSON ROAD	\$11,606.71	
	2/6/2020	110	4071037120200123		SERV TO: 01/22/20-BENSON ROAD	\$378.71	
173566	2/6/2020	136	9716901	HF&H CONSULTANTS, LLC	COMPREHENSIVE SEWER RATE STUDY	\$11,301.90	\$11,301.90
173554	2/6/2020		3791124C	DELTA DENTAL SERVICE	JANUARY 2020 DENTAL	\$9,820.40	\$11,209.00
	2/6/2020		3791124A		JANUARY 2020 DENTAL	\$1,388.60	
173550	2/6/2020	143	183835	CAROLLO ENGINEERS	TREATMENT PLANT IT NETWORK MASTER PLAN	\$10,999.41	\$10,999.41
173609	2/13/2020	170	2000314969	AECOM TECHNICAL SERVICES INC	HAZMAT CONSULTING SERVICES	\$10,536.50	\$10,536.50

**UNION SANITARY DISTRICT
CHECK REGISTER
02/01/2020-02/14/2020**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
173537	2/6/2020		68985	3T EQUIPMENT COMPANY INC	5 PIPE PATCH KITS WINTER	\$4,227.57	\$9,333.77
	2/6/2020		68986		8 PIPE PATCH KITS WINTER	\$5,106.20	
173650	2/13/2020		143169	KNAPP POLLY PIG INC	1 PIG	\$8,846.09	\$8,846.09
173574	2/6/2020		37432220200201	LINCOLN NATIONAL LIFE INS COMP	LIFE & DISABILITY INSURANCE - FEB 2020	\$8,608.28	\$8,608.28
173595	2/6/2020	170	20375152	TELEDYNE ISCO INC	1 SAMPLER	\$7,149.24	\$7,149.24
173677	2/13/2020	110	48455571	UNIVAR SOLUTIONS USA INC	4910.5 GALS SODIUM HYPOCHLORITE	\$3,547.24	\$7,049.40
	2/13/2020	110	48455572		4848.1 GALS SODIUM HYPOCHLORITE	\$3,502.16	
173646	2/13/2020	110	9017661600	KEMIRA WATER SOLUTIONS INC	46,480 LBS FERROUS CHLORIDE	\$6,768.58	\$6,768.58
173587	2/6/2020	170	21230	PRIME MECHANICAL SERVICE INC	MONTHLY MAINTENANCE - DEC 19	\$915.00	\$6,706.25
	2/6/2020	122	21529		SERVICE CALL: BLDG 70	\$600.00	
	2/6/2020	122	21521		ANNUAL COIL CLEANING	\$2,200.00	
	2/6/2020	122	21520		MONTHLY MAINTENANCE - DEC 19	\$1,646.25	
	2/6/2020	170	21523		ANNUAL COIL CLEANING	\$1,345.00	
173636	2/13/2020	170	211650	FERGUSON WELDING SERVICE INC	LABOR & MATERIALS 1 THICKENER COVER PLATE	\$6,475.25	\$6,475.25
173577	2/6/2020	170	4167	M-I-C INC	2 DIGESTER GAS RELIEF VALVE	\$6,467.15	\$6,467.15
173551	2/6/2020	173	WKK6557	CDW GOVERNMENT LLC	SIEM RENEW	\$6,300.00	\$6,300.00
173681	2/13/2020	121	44933	WECO INDUSTRIES LLC	CAMERA REPAIRS AND PARTS	\$2,854.66	\$6,139.53
	2/13/2020		44985		CAMERA PARTS	\$3,284.87	

**UNION SANITARY DISTRICT
CHECK REGISTER
02/01/2020-02/14/2020**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
173586	2/6/2020	123	266432	PRESTIGE LENS LAB	SAFETY GLASSES - COUTO, F	\$273.27	\$5,865.80
	2/6/2020	122	262926		SAFETY GLASSES - CARDENAS	\$358.89	
	2/6/2020	111	267242		SAFETY GLASSES - YONG	\$216.20	
	2/6/2020	171	266884		SAFETY GLASSES - STRASBURG	\$216.20	
	2/6/2020	172	266358		SAFETY GLASSES - MOSLEY	\$46.09	
	2/6/2020	141	266388		SAFETY GLASSES - HWANG	\$273.27	
	2/6/2020	136	266460		SAFETY GLASSES - ROJO	\$159.13	
	2/6/2020	121	266486		SAFETY GLASSES - MARTINEZ	\$267.79	
	2/6/2020	171	262075		SAFETY GLASSES - STRASBURG	\$216.20	
	2/6/2020	121	266488		SAFETY GLASSES - PORTEOUS	\$324.86	
	2/6/2020	136	266547		SAFETY GLASSES - ESPINOZA	\$159.13	
	2/6/2020	171	266593		SAFETY GLASSES - SEPULVEDA, E	\$216.20	
	2/6/2020	172	266940		SAFETY GLASSES - HOVEY, M	\$237.55	
	2/6/2020	172	266399		SAFETY GLASSES - MOSLEY	\$273.27	
	2/6/2020	173	267107		SAFETY GLASSES - GILL	\$263.89	
	2/6/2020	122	266371		SAFETY GLASSES - DELAROSA	\$216.20	
	2/6/2020	144	266423		SAFETY GLASSES - PADILLA	\$216.20	
	2/6/2020	121	263066		SAFETY GLASSES - PORTEOUS	\$57.07	
	2/6/2020	150	266383		SAFETY GLASSES - MCEVOY, R	\$206.82	

**UNION SANITARY DISTRICT
CHECK REGISTER
02/01/2020-02/14/2020**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
173586	2/6/2020	121	266389	PRESTIGE LENS LAB	SAFETY GLASSES - POWELL	\$216.20	\$5,865.80
	2/6/2020	141	266565		SAFETY GLASSES - GINOCHIO	\$273.27	
	2/6/2020	111	263195		SAFETY GLASSES - HUGHES	\$325.95	
	2/6/2020	171	266826		SAFETY GLASSES - CHAPARRO	\$324.86	
	2/6/2020	123	267087		SAFETY GLASSES - COUTO, F	\$100.37	
	2/6/2020	141	266485		SAFETY GLASSES - HERNANDEZ	\$210.72	
	2/6/2020	121	267880		SAFETY GLASSES - CULBERTSON	\$216.20	
173659	2/13/2020	173	6758	OJO TECHNOLOGY INC	CCTV-ACCESS CONTROL INTEGRATION	\$5,074.28	\$5,532.98
	2/13/2020	173	6758.1		MILESTONE LICENSE UPGRADE TO PLUS	\$458.70	
173557	2/6/2020	140	1123378400	EMPLOYMENT DEVELOPMENT DEPT	UI 4TH Q 2019 - D. LEMOS	\$5,400.00	\$5,400.00
173562	2/6/2020	170	11799212	HACH COMPANY	2 SC200 RAS SPLITTER BOX	\$4,979.32	\$4,979.32
173611	2/13/2020	120	4107393520200203	ALAMEDA COUNTY WATER DISTRICT	SERV TO: 01/31/20-MTR HYD B16320037	\$579.36	\$4,596.03
	2/13/2020	120	4107393020200203		SERV TO: 01/31/20-MTR HYD B32896056	\$605.87	
	2/13/2020	120	4107361120200203		SERV TO: 01/31/20-MTR HYD B19866540	\$610.29	
	2/13/2020	120	4107393120200203		SERV TO: 01/31/20-MTR HYD B18077921	\$526.33	
	2/13/2020	120	4109778420200203		SERV TO: 01/31/20-MTR HYD B15141194	\$1,069.87	
	2/13/2020	120	4109778620200203		SERV TO: 01/31/20-MTR HYD B15064018	\$570.52	
	2/13/2020	120	4107393420200203		SERV TO: 01/31/20-MTR HYD B17490620	\$574.94	
	2/13/2020	170	4047286120200206		SERV TO: 02/04/20 - PASEO PADRE	\$58.85	

**UNION SANITARY DISTRICT
CHECK REGISTER
02/01/2020-02/14/2020**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
173592	2/6/2020	110	20010917	S&S TRUCKING	GRIT HAULING 12/24 & 12/27/2019	\$1,683.40	\$4,253.39
	2/6/2020	110	20011437		GRIT HAULING 01/02/2020	\$897.66	
	2/6/2020	110	20010909		GRIT HAULING 01/06/2020	\$810.95	
	2/6/2020	110	20011536		GRIT HAULING 01/09/2020	\$861.38	
173584	2/6/2020	130	121914903	PFM ASSET MANAGEMENT LLC	INVESTMENT MANAGEMENT / ADVISORY SERVICES	\$4,233.30	\$4,233.30
173617	2/13/2020		14217534	AT&T	SERV: 12/20/19 - 01/19/20	\$3,741.08	\$3,978.36
	2/13/2020		14217532		SERV: 12/20/19 - 01/19/20	\$20.97	
	2/13/2020		14217556		SERV: 12/20/19 - 01/19/20	\$216.31	
173608	2/13/2020	170	264146	ADVANCED CHEMICAL TRANSPORT	HAZARDOUS MATERIAL MANAGEMENT	\$3,483.10	\$3,483.10
173565	2/6/2020	143	1200243076	HDR ENGINEERING INC	COGENERATION FEASIBILITY STUDY	\$3,335.08	\$3,335.08
173600	2/6/2020		9846747632	VERIZON WIRELESS	WIRELESS SERV 12/21/19-01/20/20 & (6) IPADS	\$3,301.10	\$3,301.10
173648	2/13/2020		9530	KIER & WRIGHT CIVIL ENGINEERS	REFUND # 22692	\$3,300.00	\$3,300.00
173603	2/6/2020	141	2040116	WEST YOST ASSOCIATES	FM RELOCATION NEAR HICKORY STREET	\$3,129.00	\$3,129.00
173546	2/6/2020	122	17252	BAYSCAPE LANDSCAPE MANAGEMENT	LANDSCAPE MAINTENANCE SERVICES - NOV 2019	\$3,120.00	\$3,120.00

**UNION SANITARY DISTRICT
CHECK REGISTER
02/01/2020-02/14/2020**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
173638	2/13/2020	111	9401418026	GRAINGER INC	ASTD PARTS & MATERIALS	\$7.37	\$3,000.77
	2/13/2020	170	9404819642		ASTD PARTS & MATERIALS	\$195.90	
	2/13/2020	122	9402591540		1 BATTERY CHARGER	\$1,117.69	
	2/13/2020	122	9404257389		ASTD PARTS & MATERIALS	\$103.11	
	2/13/2020	111	9403365407		ASTD PARTS & MATERIALS	\$71.70	
	2/13/2020		9406151507		ASTD PARTS & MATERIALS	\$975.87	
	2/13/2020	170	9397035933		2 CAT DATA CABLE	\$529.13	
173665	2/13/2020	120	916004093996	REPUBLIC SERVICES #916	RECYCLE & ROLL OFF - FEB 2020	\$2,690.21	\$2,690.21
173589	2/6/2020	170	17217	RAMOS OIL COMPANY INC	275 GALS COOLANT	\$2,593.69	\$2,593.69
173553	2/6/2020	141	109A6	DCM CONSULTING INC	DUMBARTON TRANSIT-ORIENTED DEV & USD FORCE MAINS	\$2,558.50	\$2,558.50
173559	2/6/2020	113	1198594	ENTHALPY ANALYTICAL LLC	31 LAB SAMPLE ANALYSIS	\$530.00	\$2,545.00
	2/6/2020	113	1202123		8 LAB SAMPLE ANALYSIS	\$115.00	
	2/6/2020	113	1198065		152 LAB SAMPLE ANALYSIS	\$1,900.00	
173613	2/13/2020		10516	AMERICAN WRECKING INC	REFUND # 22689	\$2,500.00	\$2,500.00
173629	2/13/2020		9311	DIXIELINE BUILDERS FUND	REFUND # 22617	\$2,500.00	\$2,500.00
173637	2/13/2020		10117	FREMONT UNIFIED SCHOOL DISTRCT	REFUND # 22616	\$2,500.00	\$2,500.00
173644	2/13/2020		10062	JIM'S DESIGN CONSULTING	REFUND # 22666	\$2,500.00	\$2,500.00
173661	2/13/2020		10407	NIMISH PATEL	REFUND # 22639	\$2,500.00	\$2,500.00
173671	2/13/2020		10465	SANCO PIPELINES INC	REFUND # 22684	\$2,500.00	\$2,500.00

**UNION SANITARY DISTRICT
CHECK REGISTER
02/01/2020-02/14/2020**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
173576	2/6/2020		31152162	MCMASTER SUPPLY INC	ASTD PARTS & MATERIALS	\$426.01	\$2,391.45
	2/6/2020	170	31161687		2 TUBE HEAT SINK COMPOUND	\$95.01	
	2/6/2020		28637981		ASTD PARTS & MATERIALS	\$875.76	
	2/6/2020	170	30701334		ASTD PARTS & MATERIALS	\$227.56	
	2/6/2020	170	30822389		1 BRONZE FLOW-ADJUSTED VALVE	\$134.45	
	2/6/2020		32149649		ASTD PARTS & MATERIALS	\$457.76	
	2/6/2020	122	31177103		1 INLINE HYDRAULIC VALVE	\$97.10	
	2/6/2020	122	32197177		ASTD PARTS & MATERIALS	\$77.80	
173558	2/6/2020		6156	ENERGY CHOICE INC	ASTD COGEN PARTS	\$2,290.13	\$2,290.13
173604	2/6/2020	143	172090	WOODARD & CURRAN INC	OLD ALAMEDA CREEK ROWB	\$129.00	\$2,275.00
	2/6/2020	143	172089		OLD ALAMEDA CREEK ROWB	\$2,146.00	

**UNION SANITARY DISTRICT
CHECK REGISTER
02/01/2020-02/14/2020**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
173654	2/13/2020	170	33449859	MCMASTER SUPPLY INC	ASTD PARTS & MATERIALS	\$46.38	\$2,045.51
	2/13/2020		33679859		ASTD PARTS & MATERIALS	\$1,048.00	
	2/13/2020	122	32428778		6 STRUT-MOUNT ROUTING CLAMP	\$38.63	
	2/13/2020	170	33382853		ASTD PARTS & MATERIALS	\$57.60	
	2/13/2020	121	30293035		ASTD PARTS & MATERIALS	\$108.32	
	2/13/2020	122	32710267		ASTD PARTS & MATERIALS	\$381.61	
	2/13/2020	170	32211232		1 SIGNAL LIGHT	\$150.31	
	2/13/2020	170	33555217		2 WORKSMAN INNER TUBE	\$26.73	
	2/13/2020	122	32538014		ASTD PARTS & MATERIALS	\$187.93	
173544	2/6/2020	170	151002	BABBITT BEARING CO INC	EBDA 6 IMPELLER BALANCING	\$2,000.00	\$2,000.00
173552	2/6/2020	143	3323218	DAILY JOURNAL CORPORATION	AD: ALVARADO INFLUENT VALVE BOX REHABILITATION	\$1,962.48	\$1,962.48
173634	2/13/2020	173	93772462	ESRI INC	ARCGIS ENTERPRISE TRAINING	\$1,950.00	\$1,950.00
173599	2/6/2020		46837	VALLEY OIL COMPANY	165 GAL XLD 15-40 MOTOR OIL	\$1,869.06	\$1,869.06
173588	2/6/2020	170	1905979001	R&B COMPANY	ASTD PARTS & MATERIALS	\$1,672.59	\$1,672.59
173581	2/6/2020	122	210501	NAYLOR STEEL INC	ASTD METAL, STEEL, STAINLESS & ALUMINUM	\$152.75	\$1,621.62
	2/6/2020	170	210554		ASTD METAL, STEEL, STAINLESS & ALUMINUM	\$1,468.87	
173594	2/6/2020	143	14395	SMARTCOVER SYSTEMS	SMARTFLOE UNIT - 1 MONTH RENTAL	\$1,595.00	\$1,595.00
173619	2/13/2020	173	2001074970	AVEPOINT PUBLIC SECTOR INC	DOCAVE 6 BACKUP & RECOVERY FOR SHAREPOINT	\$1,547.50	\$1,547.50
173680	2/13/2020	143	275429041	VALMET INC	PILOT FOR VALMET TS METER	\$1,500.00	\$1,500.00

**UNION SANITARY DISTRICT
CHECK REGISTER
02/01/2020-02/14/2020**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
173580	2/6/2020	122	20200128	NAPA AUTO PARTS	MONTHLY AUTO PARTS STMT - JAN 2020	\$1,467.84	\$1,467.84
173633	2/13/2020	113	1211866	ENTHALPY ANALYTICAL LLC	1 LAB SAMPLE ANALYSIS	\$52.50	\$1,462.50
	2/13/2020	113	1211899		14 LAB SAMPLE ANALYSIS	\$290.00	
	2/13/2020	113	1211622		16 LAB SAMPLE ANALYSIS	\$285.00	
	2/13/2020	113	1211069		31 LAB SAMPLE ANALYSIS	\$740.00	
	2/13/2020	113	1211620		4 LAB SAMPLE ANALYSIS	\$95.00	
173606	2/6/2020	110	20200203	WQI	GRADE IV/V REVIEW - FARSAI, M	\$700.00	\$1,400.00
	2/6/2020	110	20200203.1		GRADE IV/V REVIEW - LANDSBOROUGH	\$700.00	
173647	2/13/2020	170	4028	KEN GRADY CO INC	A-ULTX-PCB-E-B-0-0-0-0	\$1,359.13	\$1,359.13
173673	2/13/2020		730400854201	STAPLES CONTRACT & COMMERCIAL	JANITORIAL & BREAKROOM SUPPLIES	\$165.69	\$1,324.48
	2/13/2020		730372488801		JANITORIAL & BREAKROOM SUPPLIES	\$716.21	
	2/13/2020		730363582701		JANITORIAL & BREAKROOM SUPPLIES	\$137.17	
	2/13/2020		730355938901		JANITORIAL & BREAKROOM SUPPLIES	\$305.41	
173656	2/13/2020	170	2017840	MOBILE MODULAR MANAGEMENT CORP	FMC TRAILER RENTAL - FEB 2020	\$1,245.43	\$1,245.43
173639	2/13/2020	170	303662	HARRINGTON INDUSTRIAL PLASTICS	ASTD PVC PARTS & MATERIALS	\$846.76	\$1,161.75
	2/13/2020	170	303663		ASTD PVC PARTS & MATERIALS	\$314.99	
173563	2/6/2020	123	2089654	HANSON AGGREGATES INC	13.79 TONS 1/2 MAX HMA TYPE A-R	\$1,140.57	\$1,140.57

**UNION SANITARY DISTRICT
CHECK REGISTER
02/01/2020-02/14/2020**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
173547	2/6/2020	130	14673440	BLAISDELL'S	ASTD OFFICE SUPPLIES	\$8.43	\$1,088.85
	2/6/2020	130	14642880		ASTD OFFICE SUPPLIES	\$246.72	
	2/6/2020	111	14643560		1 ERGOTRON WORKFIT-S DESK MOUNT	\$625.19	
	2/6/2020	114	14682290		1 TONER	\$208.51	
173578	2/6/2020	114	2014235	MOBILE MODULAR MANAGEMENT CORP	ETSU TEMPORARY OFFICE SPACE	\$1,071.05	\$1,071.05
173624	2/13/2020	113	606812	CALTEST ANALYTICAL LABORATORY	2 LAB SAMPLE ANALYSIS	\$92.62	\$1,038.68
	2/13/2020	113	606759		13 LAB SAMPLE ANALYSIS	\$899.75	
	2/13/2020	113	606813		1 LAB SAMPLE ANALYSIS	\$46.31	
173561	2/6/2020	110	9395996409	GRAINGER INC	1 MONTHLY DESK PAD CALENDAR	\$20.37	\$1,036.58
	2/6/2020		9398823337		ASTD PARTS & MATERIALS	\$765.83	
	2/6/2020	122	9392630712		1 SAFETY SIGN	\$19.49	
	2/6/2020	172	9396945116		1 NON-CONTACT VOLTAGE DETECTOR	\$45.74	
	2/6/2020	122	9393476446		1 NOTICE SIGN	\$10.03	
	2/6/2020	170	9398614272		2 SPATTER RESIST C CLAMP	\$99.13	
	2/6/2020	170	9395613426		1 AXIAL FAN	\$43.24	
	2/6/2020	122	9398614280		1 HALF MASK RESPIRATOR	\$32.75	
173548	2/6/2020	121	16208	BRENNTAG PACIFIC INC	3846 LBS SODIUM HYDROXIDE	\$1,012.58	\$1,012.58
173616	2/13/2020	170	705851	A-PRO PEST CONTROL INC	JAN PEST CONTROL	\$1,005.00	\$1,005.00

**UNION SANITARY DISTRICT
CHECK REGISTER
02/01/2020-02/14/2020**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
173667	2/13/2020		10607	ROOTER HERO	REFUND # 22667	\$500.00	\$1,000.00
	2/13/2020		10553		REFUND # 22696	\$500.00	
173668	2/13/2020		10635	ROTO-ROOTER SERVICES	REFUND # 22702	\$500.00	\$1,000.00
	2/13/2020		10593		REFUND # 22671	\$500.00	
173543	2/6/2020		14171232	AT&T	SERV: 12/13/19 - 01/12/20	\$747.80	\$943.85
	2/6/2020		14171236		SERV: 12/13/19 - 01/12/20	\$87.36	
	2/6/2020		14171234		SERV: 12/13/19 - 01/12/20	\$42.82	
	2/6/2020		14171235		SERV: 12/13/19 - 01/12/20	\$65.87	
173649	2/13/2020	170	353654	KLEEN BLAST ABRASIVES	BLASTING MATERIALS	\$370.41	\$936.18
	2/13/2020	170	353653		BLASTING MATERIALS	\$565.77	
173625	2/13/2020	173	4031431989	CANON SOLUTIONS AMERICA INC	MTHLY MAINTENANCE BASED ON USE	\$314.40	\$888.97
	2/13/2020	173	4031431164		MTHLY MAINTENANCE BASED ON USE	\$574.57	
173542	2/6/2020	173	4230042501	AT&T	SERV: 12/11/19 - 01/10/20	\$882.85	\$882.85
173670	2/13/2020	110	20012305	S&S TRUCKING	GRIT HAULING 01/13/20	\$834.32	\$834.32
173682	2/13/2020		171749	WOODARD & CURRAN INC	PROF CONSULTING SERVICES - NPDES PERMIT FOR HAYWARD MARC	\$813.75	\$813.75
173645	2/13/2020		81851710	KANO LABORATORIES INC	5 CS AEROKROIL	\$809.89	\$809.89
173655	2/13/2020	123	752061	MISSION CLAY PRODUCTS LLC	ASTD CLAY FITTINGS	\$763.78	\$763.78
173570	2/6/2020	170	484983	KAMAN INDUSTRIAL TECHNOLOGIES	ASTD PARTS & MATERIALS	\$736.16	\$736.16
173630	2/13/2020	173	463459	DLT SOLUTIONS, LLC	AWS CLOUD STORAGE - DEC 2019	\$735.38	\$735.38

**UNION SANITARY DISTRICT
CHECK REGISTER
02/01/2020-02/14/2020**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
173614	2/13/2020		1102303254	AMERIPRIDE SERVICES INC	UNIFORM LAUNDERING & RUGS	\$287.15	\$718.31
	2/13/2020	122	1102303262		ASTD DUST MOPS, WET MOPS & TERRY TOWEL	\$47.58	
	2/13/2020		1102303256		UNIFORM LAUNDERING SERVICE	\$383.58	
173666	2/13/2020	170	167745	ROCHESTER MIDLAND CORPORATION	HOT WATER LOOP SERVICE	\$690.75	\$690.75
173560	2/6/2020	122	1841089890	GOODYEAR COMM TIRE & SERV CTRS	4 TIRES	\$636.88	\$636.88
173663	2/13/2020		20200207	PETTY CASH	PETTY CASH REPLENISHMENT	\$633.91	\$633.91
173572	2/6/2020	170	3884	KEN GRADY CO INC	1 SENSORS	\$613.09	\$613.09
173657	2/13/2020	170	24075653	MOTION INDUSTRIES INC	ASTD PARTS & MATERIALS	\$610.95	\$610.95
173540	2/6/2020		1102299687	AMERIPRIDE SERVICES INC	UNIFORM LAUNDERING & RUGS	\$247.51	\$588.96
	2/6/2020		1102299693		UNIFORM LAUNDERING SERVICE	\$341.45	
173545	2/6/2020		10548	LEONARD BASS	REFUND # 22680	\$500.00	\$500.00
173573	2/6/2020		10536	DURGA PRASAD KOYA	REFUND # 22585	\$500.00	\$500.00
173596	2/6/2020		9992	PRAVIN TURAKHIA	REFUND # 22681	\$500.00	\$500.00
173607	2/13/2020		10621	ABOVE ALL PLUMBING, INC.	REFUND # 22698	\$500.00	\$500.00
173627	2/13/2020		10592	CDMJ INC	REFUND # 22703	\$500.00	\$500.00
173632	2/13/2020		10558	ELITE ROOTER INC	REFUND # 22697	\$500.00	\$500.00
173652	2/13/2020		10262	CHOOYEN LIEN	REFUND # 22659	\$500.00	\$500.00
173669	2/13/2020		10635.1	ROTO-ROOTER SERVICES	REFUND # 22701	\$500.00	\$500.00
173674	2/13/2020		10624	STAR ROOTER & PLUMBING INC	REFUND # 22699	\$500.00	\$500.00

**UNION SANITARY DISTRICT
CHECK REGISTER
02/01/2020-02/14/2020**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
173683	2/13/2020		10627	WY DEVELOPER INC	REFUND # 22700	\$500.00	\$500.00
173675	2/13/2020		92334155	SUBSITE ELECTRONICS	CAMERA PARTS	\$481.95	\$481.95
173618	2/13/2020	170	470336002	AUTO BODY TOOLMART	ASTD PARTS & MATERIALS	\$137.17	\$468.27
	2/13/2020	170	470336001		ASTD PARTS & MATERIALS	\$331.10	
173653	2/13/2020	143	107167	MCINERNEY & DILLON, P.C.	LEGAL SVS - DIGESTER NO. 3 INSP & REHAB	\$462.00	\$462.00
173622	2/13/2020	130	20200210	LAURIE BRENNER	TRAVEL REIMB: CSMFO CONF PER DIEM/PARKING/TAXI	\$413.41	\$413.41
173612	2/13/2020	170	33722	ALLIED FLUID PRODUCTS CORP	21 1/2"X48" BUNA-N SHEET 50/60 DURO	\$383.20	\$383.20
173601	2/6/2020	136	20200204	AUDREY VILLANUEVA	TRAVEL REIMB: CAPPO CONF AIRFARE/LODGING	\$382.09	\$382.09
173628	2/13/2020	143	3330979	DAILY JOURNAL CORPORATION	PLANT PAVING	\$345.00	\$345.00
173615	2/13/2020	170	7018070835	APPLIED INDUSTRIAL TECHNOLOGIE	ASTD PARTS & MATERIALS	\$340.55	\$340.55
173591	2/6/2020		3632322001	S & S SUPPLIES & SOLUTIONS	3 DZ LEATHER GLOVES / 10 BX LATEX GLOVES	\$338.65	\$338.65
173641	2/13/2020		603735066	HILLYARD/SAN FRANCISCO	ASTD JANITORIAL SUPPLIES	\$300.52	\$300.52
173658	2/13/2020	122	210750	NAYLOR STEEL INC	ASTD METAL, STEEL, STAINLESS & ALUMINUM	\$291.20	\$291.20
173593	2/6/2020	113	20200203	JOHN SEO	EXP REIMB: CWEA CERTIFICATE	\$99.00	\$291.00
	2/6/2020	113	20200203.1		EXP REIMB: CWEA MEMBERSHIP	\$192.00	
173590	2/6/2020	120	20200130	JESSICA RODRIGUEZ	EXP REIMB: RETIREMENT CELEBRATION	\$284.85	\$284.85
173538	2/6/2020	143	21306812	ABC IMAGING, INC	PLANT PAVING	\$280.62	\$280.62
173569	2/6/2020	173	6035005	INTRADO LIFE & SAFETY INC	E911 ANNUAL SUBSCRIPTION	\$250.00	\$250.00
173575	2/6/2020	121	20200203	ANTHONY MARTINEZ	EXP REIMB: TEST PREP PESTICIDES APPLICATORS EXAM	\$225.00	\$225.00

**UNION SANITARY DISTRICT
CHECK REGISTER
02/01/2020-02/14/2020**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
173602	2/6/2020	113	8088864495	VWR INTERNATIONAL LLC	LAB SUPPLIES	\$224.79	\$224.79
173651	2/13/2020		20200204	CONGNA LI	TUITION REIMB - LEADERSHIP SCHL FALL 2019	\$224.62	\$224.62
173640	2/13/2020		33343	HAYWARD PIPE AND SUPPLY	ASTD FITTINGS	\$210.86	\$210.86
173620	2/13/2020	122	23215900	BECK'S SHOES	SAFETY SHOES: M. LUBINA	\$176.43	\$176.43
173610	2/13/2020	122	9097462576	AIRGAS NCN	ASTD PARTS & MATERIALS	\$67.04	\$174.95
	2/13/2020	172	9097462575		ASTD PARTS & MATERIALS	\$107.91	
173579	2/6/2020	170	24075868	MOTION INDUSTRIES INC	1 SHEAVE	\$170.16	\$170.16
173623	2/13/2020	130	430506	STATE OF CALIFORNIA	1 SERVICE FEE	\$10.00	\$170.00
	2/13/2020	132	421965		5 NEW HIRE FINGERPRINTS	\$160.00	
173662	2/13/2020	150	20200213	LUSINE PETROSYAN	EXP REIMB: SOCIAL COMMITTE VALENTINE'S DAY EVENT	\$138.34	\$138.34
173541	2/6/2020	170	705853	A-PRO PEST CONTROL INC	PEST CONTROL - RODENTS	\$125.00	\$125.00
173678	2/13/2020	136	98XW53030	UPS - UNITED PARCEL SERVICE	SHIPPING CHARGES W/E 1/18/20	\$102.75	\$102.75
173642	2/13/2020	170	768520200128	HOME DEPOT CREDIT SERVICES	MONTHLY HARDWARE STMT - JAN 2020	\$84.31	\$84.31
173564	2/6/2020	110	1725195	HAYWARD WATER SYSTEM	WATER SERV 11/12/19 - 01/13/20	\$78.52	\$78.52
173568	2/6/2020	123	548707	HULBERT LUMBER SUPPLY	ASTD LUMBER SUPPLIES	\$70.77	\$70.77
173635	2/13/2020	132	290683	EXAMINETICS	2 RESPIRATOR TESTS	\$60.00	\$60.00
173621	2/13/2020	141	14700150	BLAISDELL'S	ASTD OFFICE SUPPLIES	\$94.70	\$55.10
	2/13/2020	120	14594580C		ASTD OFFICE SUPPLIES	\$-39.60	
173582	2/6/2020	141	15963501	NEOPOST USA INC	ASTD POSTAGE METER SUPPLIES	\$54.00	\$54.00

**UNION SANITARY DISTRICT
CHECK REGISTER
02/01/2020-02/14/2020**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
173549	2/6/2020	113	606516	CALTEST ANALYTICAL LABORATORY	1 LAB SAMPLE ANALYSIS	\$46.31	\$46.31
173676	2/13/2020	141	420678	ULTRAEX LLC	COURIER SERVICES	\$45.45	\$45.45
173598	2/6/2020	136	98XW53020	UPS - UNITED PARCEL SERVICE	SHIPPING CHARGES W/E 01/11/20	\$44.81	\$44.81
173567	2/6/2020	122	5907133	HOSE & FITTINGS ETC	ASTD PARTS & MATERIALS	\$6.02	\$6.02

Invoices:

Credit Memos :	1	-39.60
\$0 - \$1,000 :	182	58,008.35
\$1,000 - \$10,000 :	69	230,903.16
\$10,000 - \$100,000 :	17	422,841.24
Over \$100,000 :	1	379,314.30
Total:	270	1,091,027.45

Checks:

\$0 - \$1,000 :	65	27,639.48
\$1,000 - \$10,000 :	63	208,273.95
\$10,000 - \$100,000 :	18	475,799.72
Over \$100,000 :	1	379,314.30
Total:	147	1,091,027.45