



BOARD MEETING AGENDA
Monday, May 22, 2017
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. Pledge of Allegiance.

3. Roll Call.

- Motion 4. Approve Minutes of the Meeting of May 8, 2017.

5. Written Communications.

6. Oral Communications.
The public may provide oral comments at regular and special Board meetings; however, whenever possible, written statements are preferred (to be received at the Union Sanitary District office at least one working day prior to the meeting). This portion of the agenda is where a member of the public may address and ask questions of the Board relating to any matter within the Board's jurisdiction that is not on the agenda. If the subject relates to an agenda item, the speaker should address the Board at the time the item is considered. Oral comments are limited to three minutes per individuals, with a maximum of 30 minutes per subject. Speaker's cards will be available in the Boardroom and are to be completed prior to discussion.

- Presentation 7. Presentation of Alameda County Science and Engineering Fair Excellence in Water Research Awards to Senior Division Winners.

Board to Take a Recess for a Reception Honoring Science Fair Winners and Their Projects
*Please join us for a reception in the Boardroom.
(approximately 15 minutes)*

- Information 8. Balanced Scorecard *(to be reviewed by the Budget & Finance and Legal/Community Affairs Committee)*.
 - a. April 2017 Monthly Odor Report and Financial Reports.
 - b. Third Quarter FY 17 District-wide Balanced Scorecard Measures.
 - c. Balanced Scorecard Report for the Technical Services Work Group.

- Motion 9. Scheduling Public Hearing to Consider Collection of Sewer Service Charges on the Tax Roll for Fiscal Year 2018 *(to be reviewed by the Budget & Finance Committee)*.

- Motion 10. Review and Consider Approval of Publicly Available Pay Schedules *(to be reviewed by the Personnel Committee)*.

Motion 11. Consider a Resolution to Accept a Sanitary Sewer Easement for Tract 8166 – Cedar Townhomes, Located at the Northeast Corner of Cedar Boulevard and Mowry School Road in the City of Newark *(to be reviewed by the Legal/Community Affairs Committee)*.

Motion 12. Consider a Resolution to Accept a Sanitary Sewer Easement for Tract 8193 – San Marino, Located Along Fremont Boulevard West of Ferry Lane in the City of Fremont *(to be reviewed by the Legal/Community Affairs Committee)*.

Motion 13. Consider a Resolution to Accept a Sanitary Sewer Easement for Tract 8212 – Classics at Ruschin, Located along Ruschin Drive between Rosewood Drive and McDonald Avenue in the City of Newark *(to be reviewed by the Legal/Community Affairs Committee)*.

~~Information 14. Informational Update on the Force Main Relocation at the Torian Property Development in Newark *(to be reviewed by the Legal/Community Affairs Committee)*. This item was pulled from the agenda.~~

Information 15. Check Register.

Information 15. Committee Meeting Reports. *(No Board action is taken at Committee meetings):*

- a. Legal/Community Affairs Committee – Wednesday, May 17, 2017, at 11:00 a.m.
 - Director Fernandez and Director Lathi
- b. Budget & Finance Committee – Thursday, May 18, 2017, at 12:30 p.m.
 - Director Lathi and Director Toy
- c. Personnel Committee – Friday, May 19, 2017, at 10:00 a.m.
 - Director Fernandez and Director Toy
- d. Engineering and Information Technology Committee – will not meet.
- e. Audit Committee – will not meet.
- f. Legislative Committee – will not meet.

Information 16. General Manager's Report. *(Information on recent issues of interest to the Board)*.

17. 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.

18. Adjournment – The Board will adjourn to the next Regular Meeting in the Boardroom on Monday, June 12, 2017, at 7:00 p.m.

The Public may provide oral comments at regular and special Board meetings; however, whenever possible, written statements are preferred (to be received at the Union Sanitary District at least one working day prior to the meeting). If the subject relates to an agenda item, the speaker should address the Board at the time the item is considered. If the subject is within the Board's jurisdiction but not on the agenda, the speaker will be heard at the time "Oral Communications" is calendared. Oral comments are limited to three minutes per individual, with a maximum of 30 minutes per subject. Speaker's cards will be available in the Boardroom and are to be completed prior to discussion of the agenda item.

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. THE PUBLIC IS INVITED TO ATTEND



REVISED

LEGAL/COMMUNITY AFFAIRS COMMITTEE MEETING

Committee Members: Director Fernandez and Director Lathi

Directors

Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

AGENDA

Wednesday, May 17, 2017

11:00 a.m.

Alvarado Conference Room

5072 Benson Road

Union City, CA 94587

Officers

Paul R. Eldredge
*General Manager/
District Engineer*

Karen W. Murphy
Attorney

1. Call to Order

2. Roll Call

3. Public Comment

4. Items to be reviewed for the Board meeting of May 22, 2017:

- April 2017 Monthly Odor Report.
 - Third Quarter FY 17 District-wide Balanced Scorecard Measures.
 - Balanced Scorecard Report for the Technical Services Work Group.
 - Consider a Resolution to Accept a Sanitary Sewer Easement for Tract 8166 – Cedar Townhomes, Located at the Northeast Corner of Cedar Boulevard and Mowry School Road in the City of Newark.
 - Consider a Resolution to Accept a Sanitary Sewer Easement for Tract 8193 – San Marino, Located Along Fremont Boulevard West of Ferry Lane in the City of Fremont.
 - Consider a Resolution to Accept a Sanitary Sewer Easement for Tract 8212 – Classics at Ruschin, Located Along Ruschin Drive Between Rosewood Drive and McDonald Avenue in the City of Newark.
 - ~~Informational Update on the Force Main Relocation at the Torian Property Development in Newark. This item was pulled from the agenda.~~
-

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 Public may provide oral comments at regular and special Board meetings; however, whenever possible, written statements are preferred (to be received at the Union Sanitary District at least one working day prior to the meeting).

If the subject relates to an agenda item, the speaker should address the Board at the time the item is considered. If the subject is within the Board's jurisdiction but not on the agenda, the speaker will be heard at the time "Public Comment" is calendared. Oral comments are limited to three minutes per individual, with a maximum of 30 minutes per subject. Speaker's cards will be available and are to be completed prior to discussion of the agenda item.

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THE PUBLIC IS INVITED TO ATTEND



Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

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

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

AGENDA
Thursday, May 18, 2017
12:30 P.M.

Karen W. Murphy
Attorney

Alvarado Conference Room
5072 Benson Road
Union City, CA 94587

1. Call to Order

2. Roll Call

3. Public Comment

4. Items to be reviewed for the Board meeting of May 22, 2017:
 - April 2017 – Financial Reports.
 - Scheduling Public Hearing to Consider Collection of Sewer Service Charges on the Tax Roll for Fiscal Year 2018.

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 Public may provide oral comments at regular and special Board meetings; however, whenever possible, written statements are preferred (to be received at the Union Sanitary District at least one working day prior to the meeting).

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THE PUBLIC IS INVITED TO ATTEND



PERSONNEL COMMITTEE MEETING
Committee Members: Director Fernandez and Director Toy

Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

AGENDA
Friday, May 19, 2017
10:00 a.m.

Alvarado Conference Room
5072 Benson Road
Union City, CA 94587

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

Karen W. Murphy
Attorney

1. Call to Order

2. Roll Call

3. Public Comment

4. Items to be reviewed for the Board meeting of May 22, 2017:

- Review and Consider Approval of Publicly Available Pay Schedules.

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 Public may provide oral comments at regular and special Board meetings; however, whenever possible, written statements are preferred (to be received at the Union Sanitary District at least one working day prior to the meeting).

If the subject relates to an agenda item, the speaker should address the Board at the time the item is considered. If the subject is within the Board's jurisdiction but not on the agenda, the speaker will be heard at the time "Public Comment" is calendared. Oral comments are limited to three minutes per individual, with a maximum of 30 minutes per subject. Speaker's cards will be available and are to be completed prior to discussion of the agenda item.

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THE PUBLIC IS INVITED TO ATTEND

**MINUTES OF THE MEETING OF THE
BOARD OF DIRECTORS OF
UNION SANITARY DISTRICT
May 8, 2017**

CALL TO ORDER

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

PLEDGE OF ALLEGIANCE

ROLL CALL

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

STAFF: Paul Eldredge, General Manager
Karen Murphy, District Counsel
Sami Ghossain, Technical Services Manager
James Schofield, Collection Services Manager
Pamela Arends-King, Business Services Manager/CFO
Robert Simonich, Fabrication, Maintenance, and Construction Manager
Armando Lopez, Treatment and Disposal Service Manager
Regina McEvoy, Executive Assistant to the General Manager/Board Clerk

GUEST: Alice Johnson, League of Women Voters

APPROVAL OF THE MINUTES OF THE SPECIAL MEETING OF APRIL 5, 2017

It was moved by Vice President Kite, seconded by Director Fernandez, to approve the Minutes of the Special Meeting of April 5, 2017. Motion carried unanimously.

APPROVAL OF THE MINUTES OF THE MEETING OF APRIL 24, 2017

It was moved by Director Toy, seconded by Secretary Lathi, to approve the Minutes of the Meeting of April 24, 2017. Motion carried unanimously.

APPROVAL OF THE MINUTES OF THE SPECIAL MEETING OF APRIL 25, 2017

It was moved by Director Fernandez, seconded by Vice President Kite, to approve the Minutes of the Special Meeting of April 25, 2017. Motion carried unanimously.

WRITTEN COMMUNICATIONS

There were no written communications.

ORAL COMMUNICATIONS

There were no oral communications.

SELECT BOARD MEMBERS TO REPRESENT UNION SANITARY DISTRICT ON EXTERNAL COMMITTEES FOR FISCAL YEAR 2018

General Manager Eldredge stated Policy No. 3070, Boardmember Officers and Committee Membership, calls for the Board to select representatives for four External Committees no later than the first meeting in May. A list of current external committee representatives and alternates was included in the Board meeting packet. The Board discussed external committee assignment preferences.

It was moved by Vice President Kite, seconded by Secretary Lathi, to accept the following external committee assignments for FY 2018:

Organization	Representative	Alternate
Alameda County Water District Financing Authority (ACWDFFA)	Anjali Lathi	Manny Fernandez
East Bay Dischargers Authority (EBDA) Commission	Jennifer Toy	Tom Handley
Alameda County Special Districts Association (ACSDA)	Pat Kite	Jennifer Toy
Southern Alameda County Geographic Information System (SACGIS)	Tom Handley	Manny Fernandez

Motion carried unanimously.

CONSIDER A RESOLUTION TO ADOPT THE 2017 STANDARD SPECIFICATIONS AND DETAILS

This item was reviewed by the Engineering and Information Technology Committee. Technical Services Manager Ghossain stated the District's Standard Specifications and Details govern the design and construction requirements of sanitary sewer main and lateral installations by private contractors. The Specifications were last updated in 2006, and a number of revisions to the applicable codes have since occurred. The proposed 2017 Standard Specifications and Details were included in the Board meeting packet, and the proposed changes were outlined in the staff report. Staff recommended the Board consider a resolution to adopt the 2017 Standard Specifications and Details.

It was moved by Vice President Kite, seconded by Secretary Lathi, to Adopt Resolution No. 2809, Adopting the 2017 Standard Specifications and Details. Motion carried unanimously.

CONSIDER A RESOLUTION TO ACCEPT THE CONSTRUCTION OF THE DIGESTERS NO. 1 AND 3 GAS ISOLATION VALVES PROJECT FROM TNT INDUSTRIAL CONTRACTORS, INC., AND AUTHORIZE RECORDATION OF A NOTICE OF COMPLETION

This item was reviewed by the Engineering and Information Technology Committee. Technical Services Manager Ghossain stated that Digesters 1, 2, and 3 were constructed close together. Before this project, District staff were only able to isolate the digester gas pipeline from Digester No. 2 without affecting the operation of the other two digesters. If staff had to take either Digester No. 1 or No. 3 out of service, the three digesters were taken out of service together. The Plant's solids process does not have the capacity to allow the three digesters to be taken out of service at the same time. TNT Industrial Contractors, Inc. substantially completed the Project on March 31, 2017, without any change orders. Staff recommended the Board consider a resolution to accept the construction of the Digesters No. 1 and 3 Gas Isolation Valves Project from TNT Industrial Contractors, Inc., and authorize recordation of a Notice of Completion.

It was moved by Director Toy, seconded by Secretary Lathi, to Adopt Resolution No. 2810, Accepting Construction of the Digesters No. 1 and 3 Gas Isolation Valves Project Located in the City of Union City, California from TNT Industrial Contractors, Inc., and Authorize Recordation of a Notice of Completion. Motion carried unanimously.

INFORMATION ITEMS:

Legislative Update on Regional, State, and National Issues of Interest to the Board

This item was reviewed by the Legislative Committee. General Manager Eldredge stated the Board last received a legislative update at its meeting held December 12, 2016. General Manager Eldredge provided an overview of the legislative update report included in the Board meeting packet.

Status of Priority 1 Capital Improvement Program Projects

This item was reviewed by the Engineering and Information Technology Committee. Technical Services Manager Ghossain stated the Board approved the Capital Improvement Program (CIP) budget in the amount of \$14.7 million for the design and construction of 24 CIP projects. Of the 24 projects in Fiscal Year 2017 (FY17), 16 were ranked as Priority 1. A summary of the ongoing FY 17 CIP projects was included in the Board meeting packet.

Third Quarterly Report on the Capital Improvement Program for FY 17

This item was reviewed by the Engineering and Information Technology Committee. Technical Services Manager Ghossain stated third quarter expenditures for FY 17 were shown on graphs included in the Board meeting packet. The graphs depict actual expenditures versus approved budget for design and construction of 24 CIP projects in FY 17. Total CIP expenditures up to March 31, 2017, were below projections for the third quarter by approximately \$1.69 million.

CAL-Card Quarterly Activity Report

This item was reviewed by the Budget & Finance Committee. Business Services Manager/CFO Arends-King stated the CAL-Card Merchant Spend Analysis, included in the Board meeting packet, details the CAL-Card activity for the third quarter of FY 17.

During the third quarter, January 23, 2017 through March 23, 2017, there were 215 transactions totaling \$54,162.53. The Board directed staff to provide back-up detail for a portion of the CAL-Card activity report at a future meeting.

Board Expenditures for the 2nd and 3rd Quarter of Fiscal Year 2017

This item was reviewed by the Budget & Finance Committee. Business Services Manager/CFO Arends-King stated the Board of Directors 2nd and 3rd quarter travel and training expenditures summary report, and supporting documentation, were included in the Board meeting packet. The Board directed staff to present only the summary report going forward.

Report on the East Bay Discharger Authority (EBDA) Meeting of April 20, 2017

President Handley provided an overview of the April 20, 2017, EBDA meeting minutes included in the Board meeting packet.

Check Register

All questions were answered to the Board's satisfaction.

COMMITTEE MEETING REPORTS:

The Budget & Finance Committee, Legislative, and Engineering and Information Technology Committees met.

GENERAL MANAGER'S REPORT:

General Manager Eldredge reported the following:

- The General Manager will present at the Union City Council meeting on Tuesday, May 9, 2017.
- The Fiscal Year 2018 Budget Board Workshop will be held in the Boardroom at 5:30 p.m. on Tuesday, May 16, 2017.
- The General Manager will attend the East Bay Discharger Authority Managers Advisory Committee Strategic Planning Session on Friday, May 12, 2017

OTHER BUSINESS

There was no other business.

ADJOURNMENT:

The meeting was adjourned at 7:46 p.m. to the Fiscal Year 2018 Budget Board Workshop in the Boardroom on Tuesday, May 16, 2017, at 5:30 p.m.

The Board will then adjourn to the next Regular Board Meeting in the Boardroom on Monday, May 22, 2017, at 7:00 p.m.

SUBMITTED:

ATTEST:

REGINA McEVOY
BOARD CLERK

ANJALI LATHI
SECRETARY

APPROVED:

TOM HANDLEY
PRESIDENT

Adopted this 22nd day of May, 2017



Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

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

Karen W. Murphy
Attorney

DATE: May 9, 2017

MEMO TO: Board of Directors - Union Sanitary District

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

SUBJECT: Agenda Item No. 7 - Meeting of May 22, 2017
**PRESENTATION OF ALAMEDA COUNTY SCIENCE AND ENGINEERING FAIR
EXCELLENCE IN WATER RESEARCH AWARDS TO SENIOR DIVISION WINNERS**

Presentation

The Board will recognize and award prizes to the Alameda County Science and Engineering Fair's 2017 Excellence in Water Research Award senior division winners and their teachers.

Background

Union Sanitary District is one of ten Alameda County water and wastewater agencies that have combined efforts and funds for five years to create annual Excellence in Water Research Awards for the Alameda County Science and Engineering Fair. These special awards, which include cash prizes, are given to participants whose projects focus on water, wastewater, or recycled water issues. First and second place awards are bestowed in both junior and senior divisions, and the winners' teachers are also recognized. A member of USD's Laboratory staff has served as a judge for these special prizes every year since their inception.

Staff is pleased to report that all awards for the 2017 Alameda County Science and Engineering Fair Excellence in Water Research prizes were won by students in USD's service area. The junior division winners will be recognized by the Alameda County Water District Board of Directors at its May 18, 2017 meeting. USD recognizes the following senior division winners and their teachers at this Board meeting:

Senior Division First-Place Award:

Students: Aryaa Chanchani & Mira Ramachandran
Project: "Biodegradable Materials: Retaining Every Drop"
School: American High School
Teacher: Sandhya Sharma

Senior Division Second-Place Award:

Student: Twisha Kurlagunda
Project: "Innovative Design and Analysis of Solar Water Distiller"
School: Irvington High School
Teacher: Lindsay Milligan

Staff requests that the Board present awards to students for the outstanding results of their rigorous scientific inquiry into water, wastewater, and recycled water issues, and to their teachers for their encouragement of future scientists and engineers. A brief reception will follow the award presentation to honor participants and hear information about their projects.



Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

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

Karen W. Murphy
Attorney

DATE: May 15, 2017

MEMO TO: Board of Directors - Union Sanitary District

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

SUBJECT: Agenda Item No. 8.a - Meeting of May 22, 2017
Information Item: **April 2017 Monthly Odor Report and Financial Reports**

Background

Attached are Monthly Operations Reports for April 2017. Staff is available to answer questions regarding information contained in the report.

Work Group Managers

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

ODOR COMPLAINTS:

There were no odor complaints received in April 2017.

SAFETY:

- The employee that reported a knee injury in March was released to full duty in April.
- An employee strained their back and was placed on modified duty.
- We received notice of our X-Mod for next year. It is .78, up from .72

- Union City Policy conducted a security audit of the facility at the end of the month. We will receive a report with recommendations.

STAFFING & PERSONNEL:

Completed Recruitments Resulting in Promotions:

- Accounting Technician II – Mariela Espinosa (lateral transfer)

Recruitments Opened:

- Senior Accounting and Financial Analyst (re-opened)
- Painter

Continuing Recruitments:

- Chemist I/II
- Human Resources Manager

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

- Attended a Special Meeting Closed Session of the Board of Directors.
- Attended the East Bay Dischargers Authority Managers Advisory Committee Special Meeting.
- Provided a presentation at the Fremont Rotary meeting.
- Attended the Newark State of the City Luncheon.
- Attended the East Bay Dischargers Authority Meeting.
- Attended the East Bay Dischargers Authority Managers Advisory Committee Meeting.
- Attended an ACWD/USD coordination lunch.
- Presented the General Manager's 6-month Check-in Board Workshop.
- Provided a presentation at the Newark City Council meeting.

Attachments: Odor Report and Map
Hours Worked and Leave Time by Work Group
Financial Reports



ODOR REPORT April 2017

During the recording period from April 01, 2017 through April 30, 2017, there were no odor related service requests received by the District.



Legend

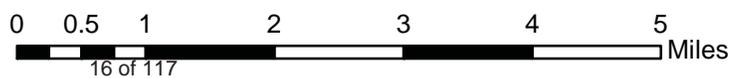
Odor Complaints: April 2017

- ^ Odor found, USD resolved (0)
- ! Odor found, not related to USD (0)
- # No odor found (0)

Odor Complaints: May 2016 to Mar. 2017

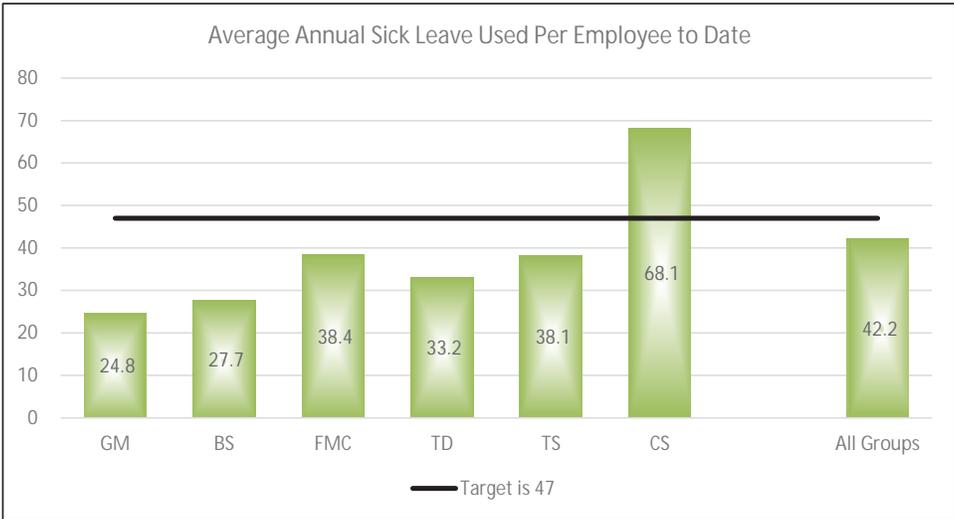
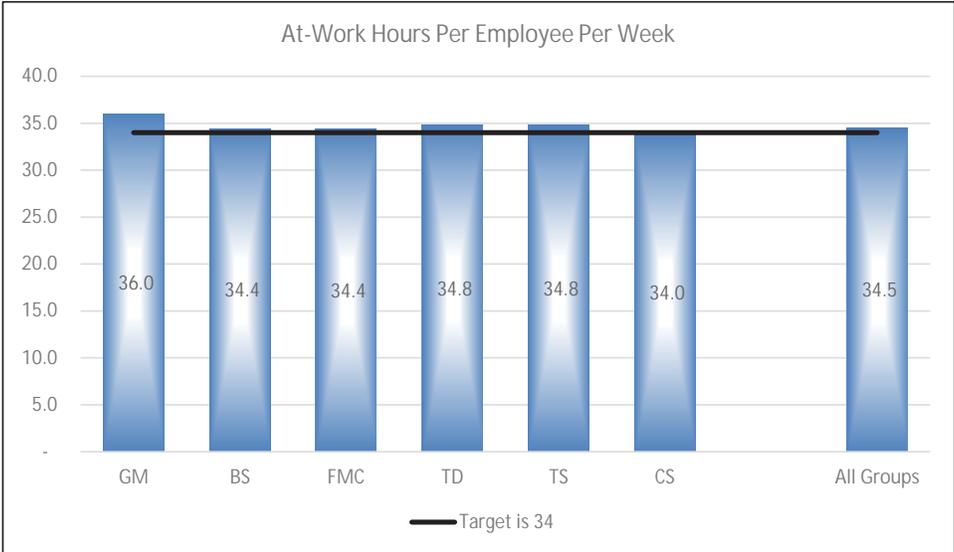
- ^ Odor found, USD resolved (8)
- ! Odor found, not related to USD (8)
- # No odor found (15)

**Location of Odor Reports
May 2016 to April 2017**



HOURS WORKED AND LEAVE TIME BY WORK GROUP

June 30, 2016 through April 19, 2017
 Weeks to Date: 42 out of 52 (80.77%)



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 30, 2016 through April 19, 2017

Weeks to Date: 42 out of 52 (80.77%)

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	FY16		
		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	2,944.50	72.00	36.0	366.00	-	-	49.50	24.8	2	36.1	40.6
BS	21	30,254.84	11.02	34.4	4,696.70	64.17	-	580.88	27.7	22	35.1	21.4
FMC	23	32,542.58	574.34	34.4	4,744.17	39.12	269.00	884.13	38.4	22	35.3	52.4
TD	27	38,466.17	858.25	34.8	5,434.14	294.46	16.50	895.73	33.2	25	35.4	49.9
TS	32	46,520.62	91.14	34.8	6,097.28	2.68	-	1,219.42	38.1	32	34.6	40.8
CS	31	42,069.08	1,986.62	34.0	6,859.81	559.75	16.50	2,110.19	68.1	31	35.1	55.0
All Groups	136	192,797.79	3,593.37	34.5	28,198.10	960.18	302.00	5,739.85	42.2	134	35.1	44.5

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 2017

Year-to-date as of 04/30/17

83.33% of year elapsed

Revenues

	Budget	Actual	% of Budget Rec'd	Audited Last Year Actuals 6/30/16
Capacity Fees	\$8,935,000	\$8,543,075	96%	\$7,233,337
Sewer Service Charges	50,404,690	49,786,764	99%	50,112,564
Operating (Work Groups)	1,355,000	1,231,056	91%	1,233,675
Interest	475,500	519,357	109%	496,439
Misc. (LAVVMA pymnt, solar, Cogen rebates)	505,000	573,220	114%	408,913
Subtotal Revenues	\$61,675,190	\$60,653,473	98%	\$59,484,928
SRF Loan Proceeds (Thickener Proj.)	2,800,000	2,203,296	79%	3,385,590
Total Revenues + SRF Proceeds	\$64,475,190	\$62,856,769	97%	\$62,870,518

Expenses

	Budget	Actual	% of Budget Used	Last Year Actuals
Capital Improvement Program:				
Capacity Proj.	\$4,342,500	\$2,814,692	65%	\$3,009,426
Renewal & Repl. Proj.	10,327,500	8,617,634	83%	8,494,486
Operating	34,714,533	26,193,603	75%	31,895,499
Special Projects	2,182,098	512,458	23%	707,526
Retiree Medical (ARC)	583,771	437,828	75%	561,205
Vehicle & Equipment	662,220	112,090	17%	341,967
Information Systems	1,232,100	397,576	32%	854,511
Plant & Pump Stat. R&R	250,000	247,329	99%	272,479
Emerg. Fund (Sinkhole)	0	286	0%	2,208,595
Pretreatment Fund	7,000	8,160	117%	29,249
Cty Fee for SSC Admin.	106,000	106,643	101%	105,866
Debt Servicing:				
SRF Loans	3,127,110	895,166	29%	3,127,110
Total Expenses	\$57,534,832	\$40,343,462	70%	\$51,607,919
Total Revenue & Proceeds less Expenses	\$6,940,358	\$22,513,306		\$11,262,599

Operating (Work Group) Expenses

	Budget	Actual	% of Budget Used	Last Year Actuals
Board of Directors	\$178,500	\$108,073	61%	\$133,294
General Manager/Admin.	957,678	599,059	63%	884,051
Business Services	5,275,645	3,948,525	75%	4,772,324
Collection Services	6,296,287	4,720,309	75%	5,873,909
Technical Services	5,511,940	4,407,815	80%	5,156,725
Treatment & Disposal Services	10,631,833	7,913,404	74%	9,506,339
Fabrication, Maint. & Construction	5,862,650	4,496,419	77%	5,568,856
Total	\$34,714,533	\$26,193,603	75%	\$31,895,499

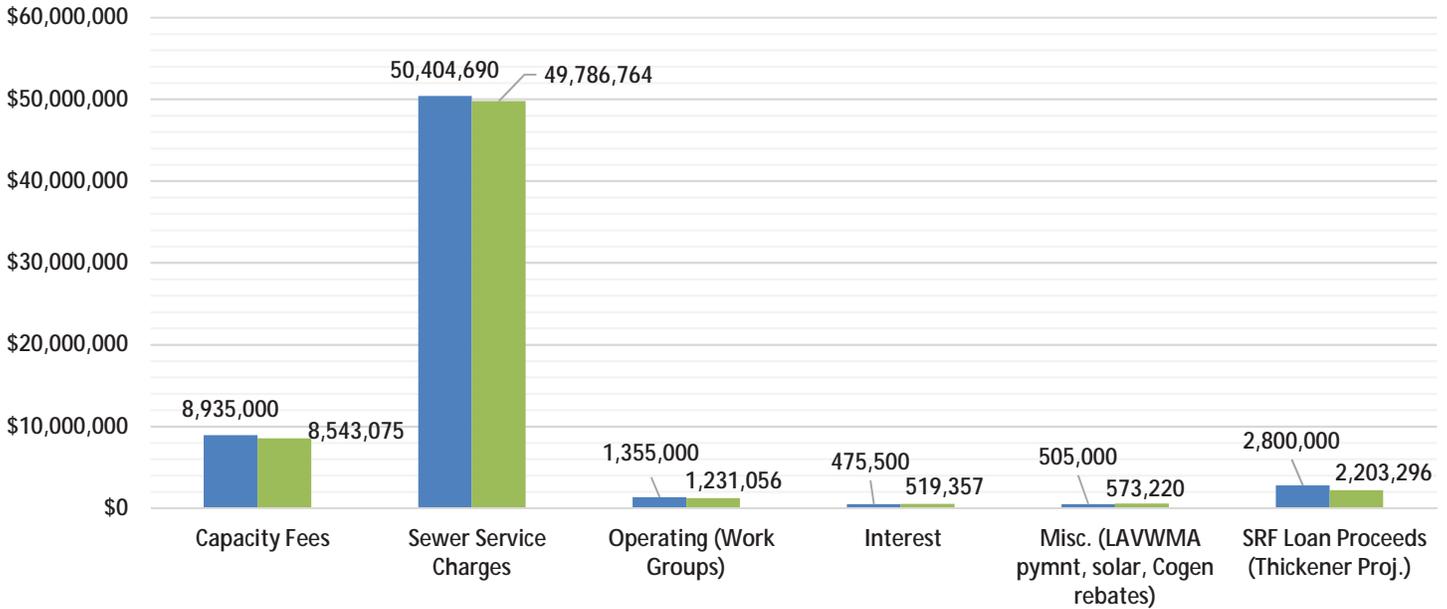
Operating (Work Group) Expenses by Type

	Budget	Actual	% of Budget Used	Last Year Actuals
Personnel (incl D&E)	\$23,912,246	\$18,464,293	77%	\$22,107,543
Repairs & Maintenance	2,022,630	1,586,615	78%	1,965,202
Supplies & Matls (chemicals, small tools)	2,424,140	1,574,500	65%	2,273,252
Outside Services (utilities, biosolids, legal)	6,029,045	4,487,762	74%	5,342,319
Fixed Assets	326,472	80,433	25%	207,183
Total	\$34,714,533	\$26,193,603	75%	\$31,895,499

REVENUES AND EXPENSES REPORT
as of 4/30/17

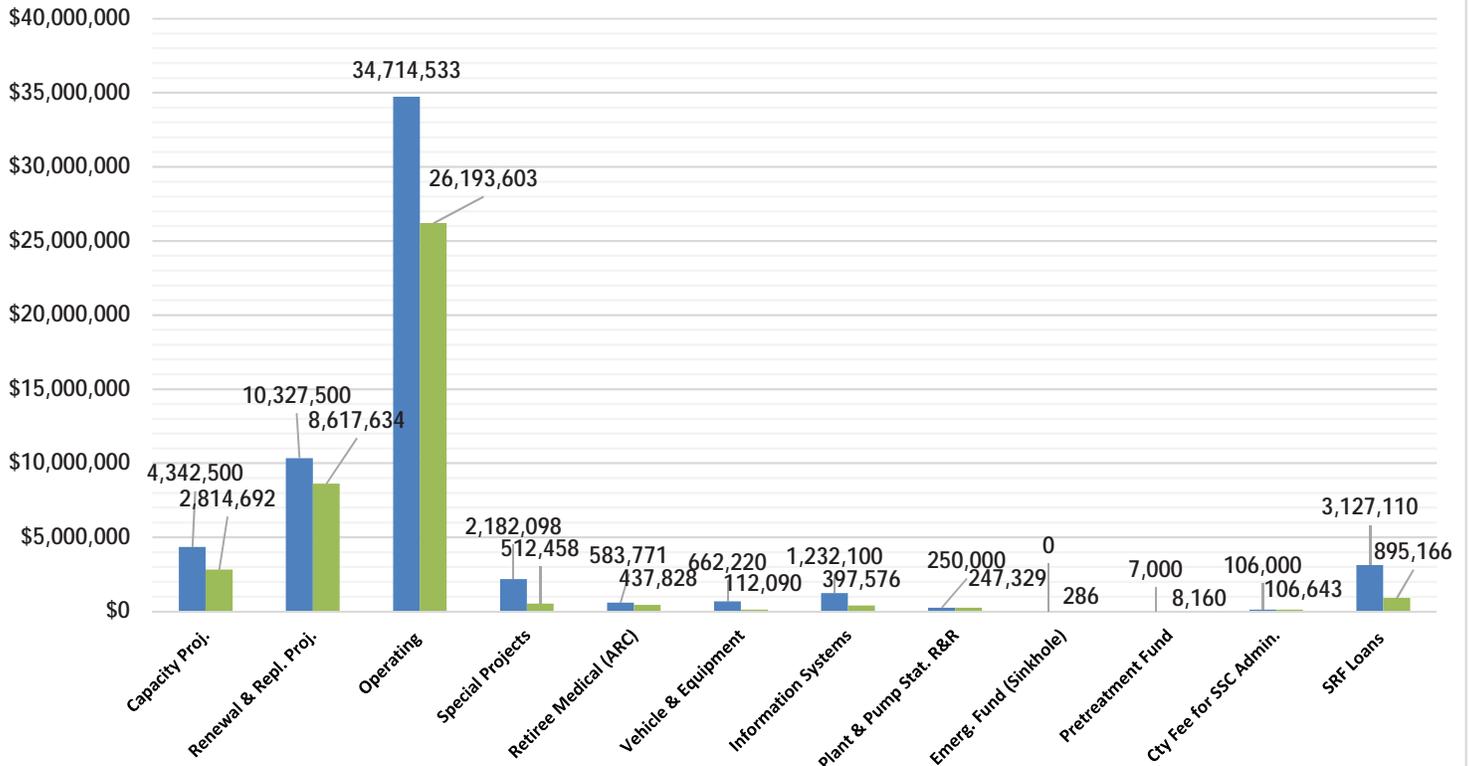
Total Revenues

■ Budget ■ Actual



Total Expenses

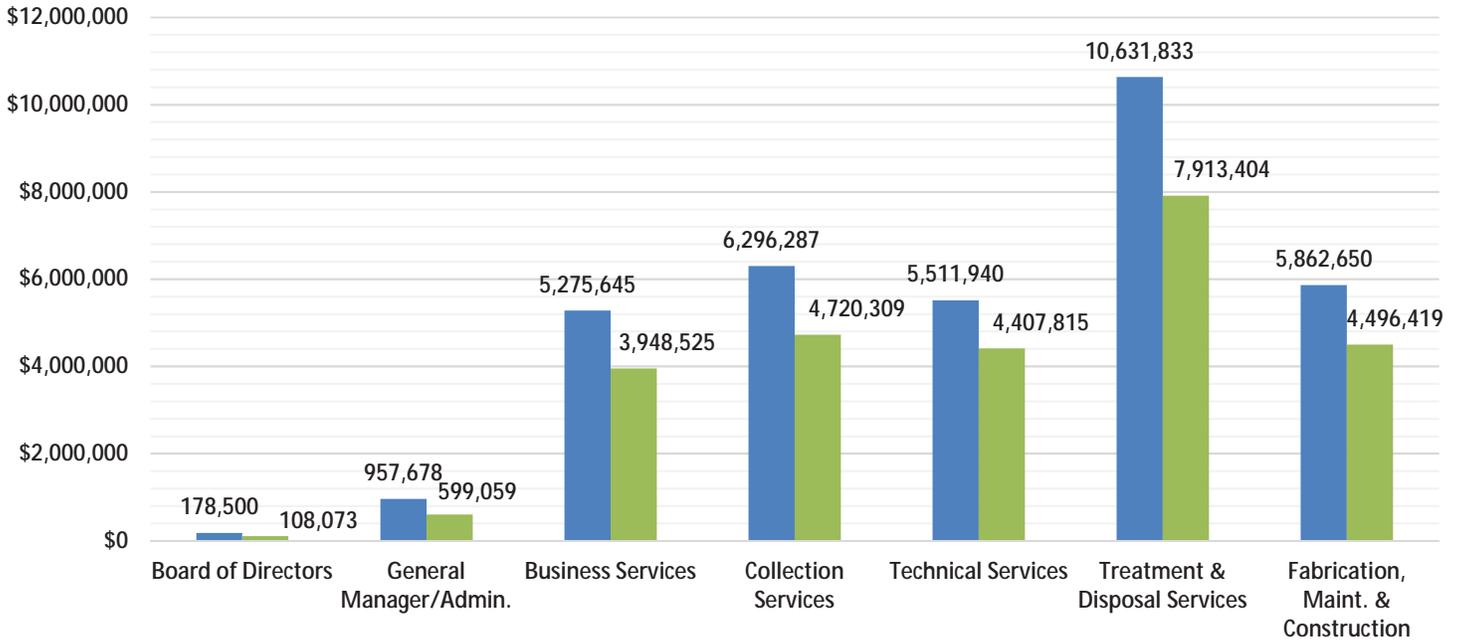
■ Budget ■ Actual



REVENUES AND EXPENSES REPORT
as of 4/30/17

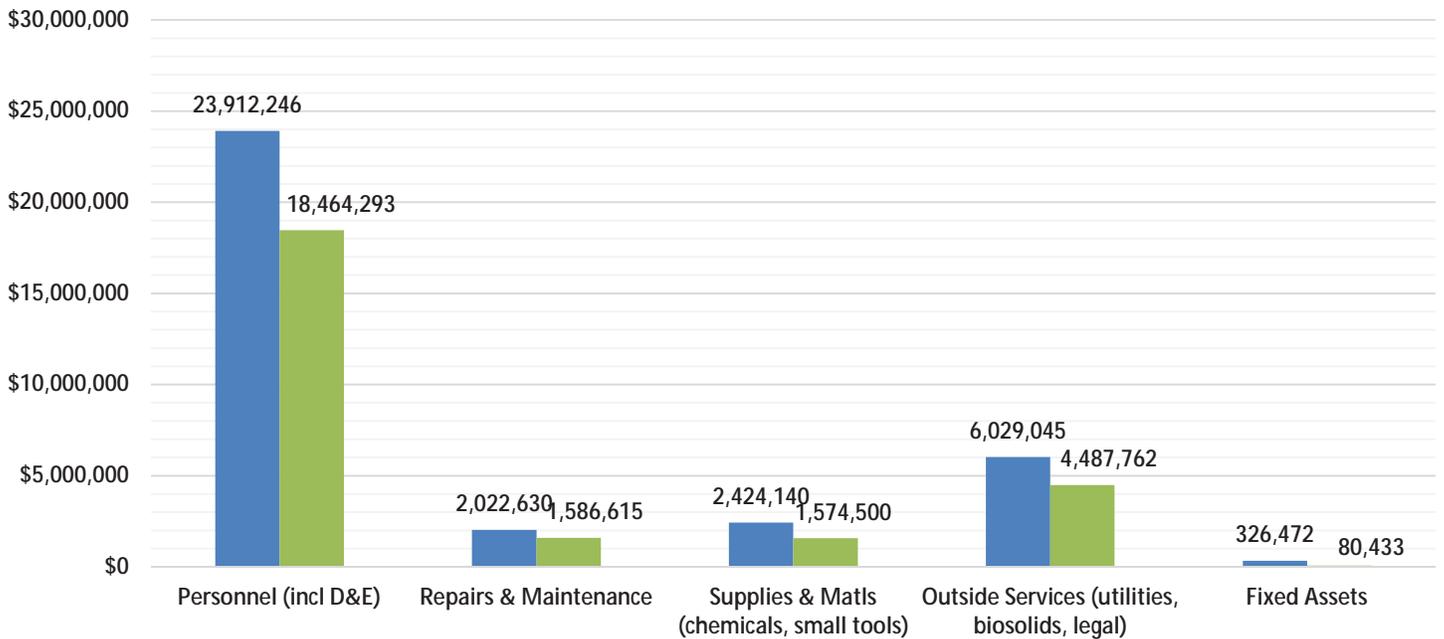
Operating Expenses by Work Group

■ Budget ■ Actual



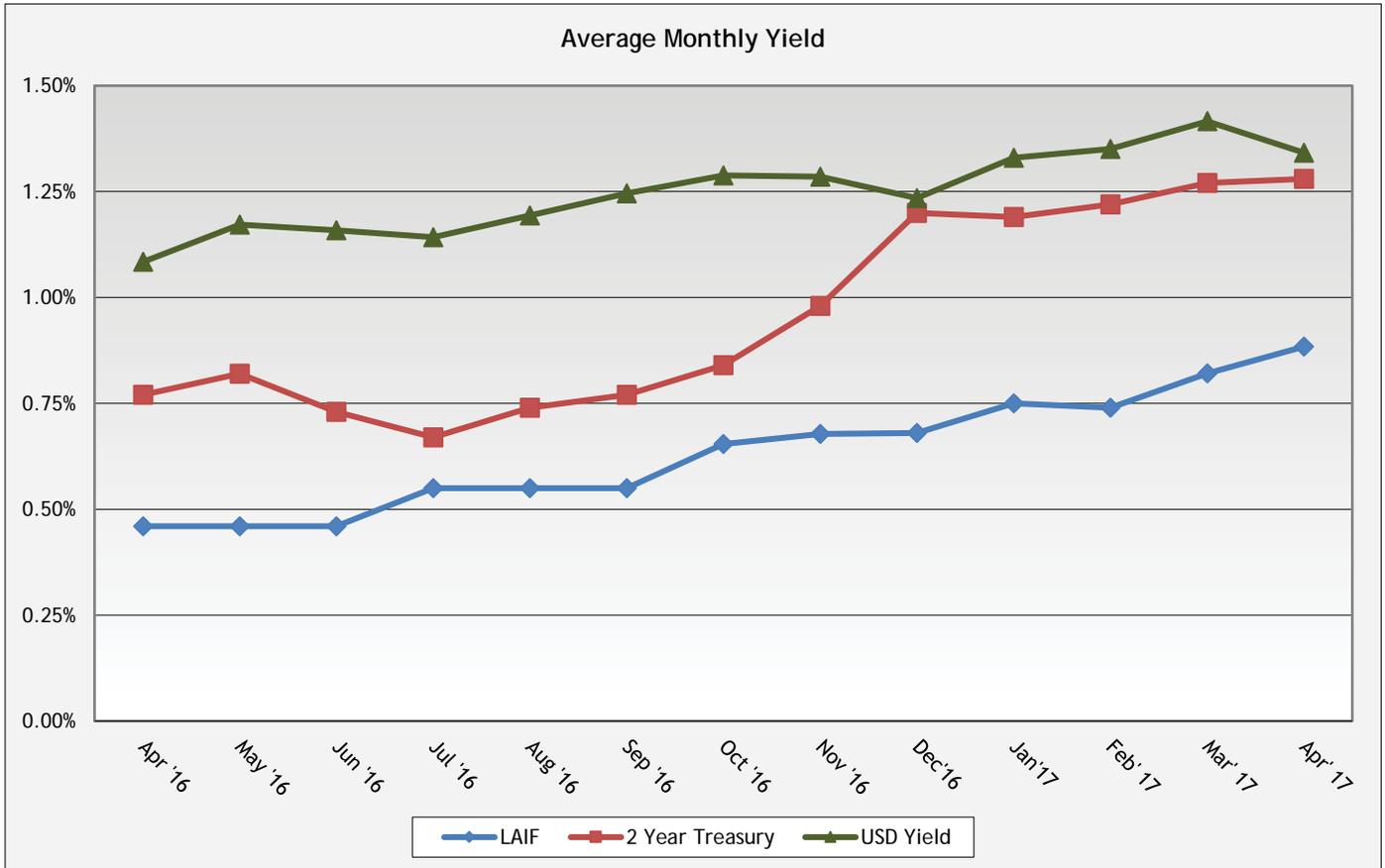
Operating Expenses by Type

■ Budget ■ Actual

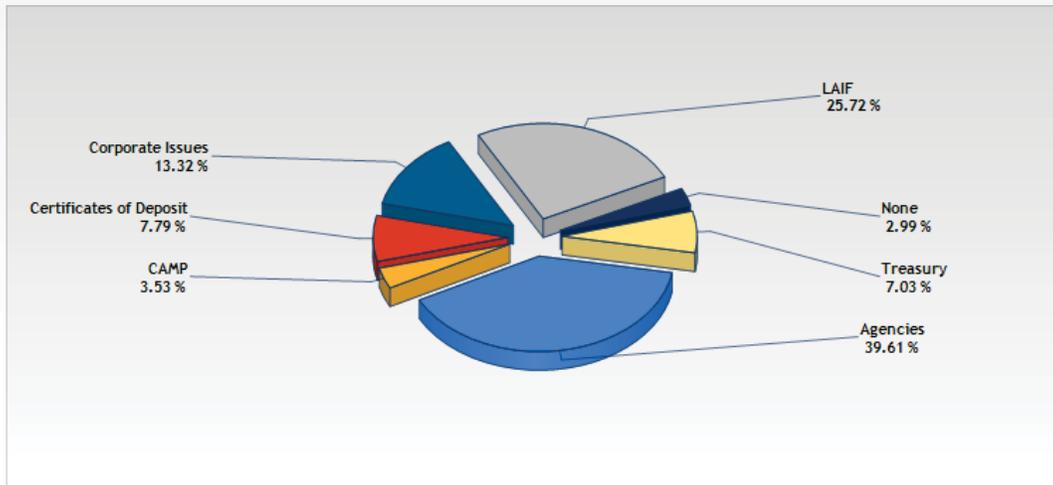


Business Services Group
April 2017

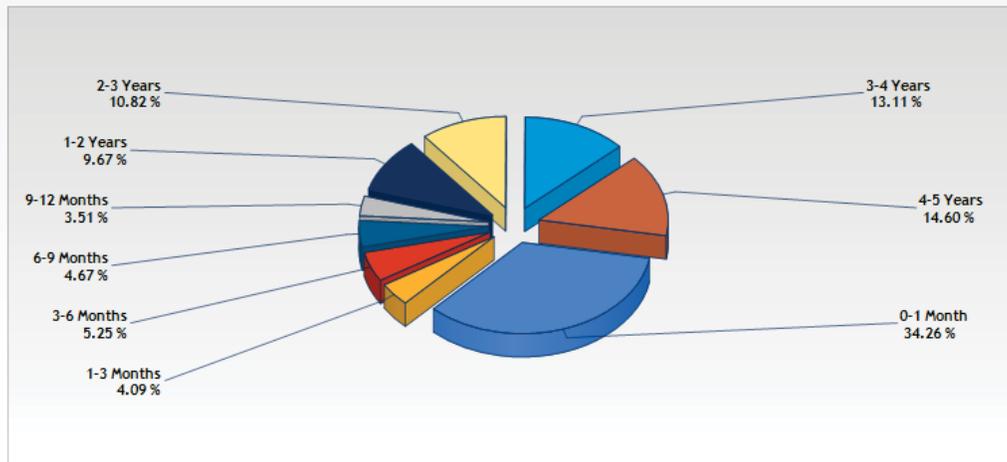
Performance Measures for the USD Investment Portfolio



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	29,252,305.74	0.840	29,253,995.74	2	34.26	29,252,343.76	29,252,342.48	0.00
1-3 Months	3,489,000.00	1.172	3,489,258.33	57	4.09	3,488,052.56	3,488,498.39	0.28
3-6 Months	4,477,000.00	0.982	4,486,519.00	123	5.25	4,476,604.30	4,478,861.71	0.33
6-9 Months	3,986,000.00	0.886	3,988,620.00	231	4.67	3,980,517.74	3,986,664.01	0.63
9-12 Months	3,000,000.00	1.140	2,998,690.00	319	3.51	2,995,880.00	2,998,703.81	0.87
1-2 Years	8,248,000.00	1.262	8,258,210.00	608	9.67	8,244,627.76	8,256,548.37	1.65
2-3 Years	9,236,000.00	1.491	9,241,486.57	890	10.82	9,210,364.82	9,238,729.66	2.39
3-4 Years	10,996,000.00	2.121	11,197,287.56	1,376	13.11	11,093,544.49	11,154,745.31	3.63
4-5 Years	12,483,000.00	2.136	12,466,250.00	1,664	14.60	12,469,716.20	12,468,677.95	4.35
TOTAL / AVERAGE	85,167,305.74	1.342	85,380,317.20	610	100	85,211,651.63	85,323,771.69	1.62

Union Sanitary District
Transactions Summary
Monthly Activity - by Action
Group By: Action
Portfolio / Report Group: All Portfolios
Begin Date: 04/01/2017, End Date: 04/30/2017

Description	CUSIP/Ticker	Coupon Rate	YTM @ Cost	Settlement Date	Face Amount/Shares	Principal	Realized Gain/Loss	Interest/Dividends	Total	Custodian	Portfolio Name
Buy											
American Expr Centurion 2.45 4/5/2022	02587DN38	2.450	2.450	04/05/2017	247,000.00	247,000.00		0.00	247,000.00	Bank of New York 7537	Operating Fund
Barclays Bank PLC Step 4/26/2022-17	06741VR95	2.000	3.093	04/26/2017	1,000,000.00	1,000,000.00		0.00	1,000,000.00	Bank of New York 7537	Operating Fund
FHLB 2 10/26/2021-19	3130AB3D6	2.000	2.000	04/26/2017	1,000,000.00	1,000,000.00		0.00	1,000,000.00	Bank of New York 7537	Operating Fund
FHLMC 1.41 4/26/2019-18	3134GBEG3	1.410	1.410	04/26/2017	1,000,000.00	1,000,000.00		0.00	1,000,000.00	Bank of New York 7537	Operating Fund
State of California 2.152 4/1/2022	13063DAD0	2.152	1.938	04/27/2017	1,000,000.00	1,010,000.00		0.00	1,010,000.00	Bank of New York 7537	Operating Fund
T-Note 0.875 5/15/2019	912828R44	0.875	1.217	04/26/2017	1,000,000.00	993,080.00		3,915.75	996,995.75	Bank of New York 7537	Operating Fund
Toyota Motor Credit Corp 1.2 4/6/2018	89236TCX1	1.200	1.330	04/06/2017	1,000,000.00	998,710.00		0.00	998,710.00	Bank of New York 7537	Operating Fund
Sub Total / Average					6,247,000.00	6,248,790.00		3,915.75	6,252,705.75		
Deposit											
CAMP LGIP	LGIP4000	N/A	0.000	04/03/2017	7.45	7.45		0.00	7.45	None	Liquid Fund
CAMP LGIP	LGIP4000	N/A	0.000	04/20/2017	3,000,000.00	3,000,000.00		0.00	3,000,000.00	None	Liquid Fund
LAIF LGIP	LGIP1002	N/A	0.000	04/13/2017	22,657.99	22,657.99		0.00	22,657.99	None	Liquid Fund
LAIF LGIP	LGIP1002	N/A	0.000	04/20/2017	15,000,000.00	15,000,000.00		0.00	15,000,000.00	None	Liquid Fund
Union Bank Cash	LGIPUNIONBANK	N/A	0.000	04/30/2017	2,556,501.37	2,556,501.37		0.00	2,556,501.37	None	Liquid Fund
Sub Total / Average					20,579,166.81	20,579,166.81		0.00	20,579,166.81		
Interest											
Ally Bank 1.35 10/28/2019	02006LQ48	1.350	0.000	04/27/2017	0.00	0.00		1,669.41	1,669.41	None	Operating Fund
CAMP LGIP	LGIP4000	N/A	0.000	04/03/2017	0.00	0.00		7.45	7.45	None	Liquid Fund
Capital One Bank 1.5 10/26/2020	140420L99	1.500	0.000	04/26/2017	0.00	0.00		1,854.90	1,854.90	None	Operating Fund
Comenity Capital 1.25 4/11/2019	20033ASR8	1.250	0.000	04/11/2017	0.00	0.00		263.29	263.29	None	Operating Fund
FHLB Step 4/28/2021-16	3130A7QX6	1.250	0.000	04/28/2017	0.00	0.00		6,250.00	6,250.00	None	Operating Fund
FHLB Step 4/28/2021-16	3130A7PR0	1.000	0.000	04/28/2017	0.00	0.00		5,000.00	5,000.00	None	Operating Fund
FHLMC 1.25 10/28/2019-17	3134G8XQ7	1.250	0.000	04/28/2017	0.00	0.00		6,250.00	6,250.00	None	Operating Fund
FHLMC Step 4/28/2021-16	3134G8VZ9	1.250	0.000	04/28/2017	0.00	0.00		15,625.00	15,625.00	None	Operating Fund
FHLMC Step 4/28/2021-16	3134G8Z28	1.125	0.000	04/28/2017	0.00	0.00		5,625.00	5,625.00	None	Operating Fund
Franklin Synergy Bank 0.85 12/11/2017	35471TCH3	0.850	0.000	04/10/2017	0.00	0.00		179.04	179.04	None	Operating Fund
Goldman Sachs Bank 1 10/16/2017	38148JQX2	1.000	0.000	04/17/2017	0.00	0.00		1,196.71	1,196.71	None	Operating Fund
JP Morgan Chase Bank 1.1 7/15/2019	48125Y5L4	1.100	0.000	04/17/2017	0.00	0.00		675.37	675.37	None	Operating Fund
LAIF LGIP	LGIP1002	N/A	0.000	04/13/2017	0.00	0.00		22,657.99	22,657.99	None	Liquid Fund
Medallion Bank 1.15 10/30/2017	58403B2L9	1.150	0.000	04/28/2017	0.00	0.00		239.29	239.29	None	Operating Fund
Merrick Bank 0.9 5/19/2017	59013JLK3	0.900	0.000	04/19/2017	0.00	0.00		183.45	183.45	None	Operating Fund
Pacific Premier Bank 0.9 12/5/2017	69478QDG2	0.900	0.000	04/03/2017	0.00	0.00		189.57	189.57	None	Operating Fund
Peoples State Bank of Newton 0.7 6/15/2017	712490AC5	0.700	0.000	04/17/2017	0.00	0.00		148.04	148.04	None	Operating Fund
Toyota Motor Credit Corp 1.2 4/6/2018	89236TCX1	1.200	0.000	04/06/2017	0.00	0.00		6,000.00	6,000.00	None	Operating Fund
Wells Fargo Bank 1.15 7/22/2019	9497486R3	1.150	0.000	04/20/2017	0.00	0.00		243.20	243.20	None	Operating Fund
Sub Total / Average					0.00	0.00		74,257.71	74,257.71		
Withdraw											
LAIF LGIP	LGIP1002	N/A	0.000	04/26/2017	2,500,000.00	2,500,000.00		0.00	2,500,000.00	None	Liquid Fund
Union Bank Cash	LGIPUNIONBANK	N/A	0.000	04/29/2017	1,898,209.93	1,898,209.93		0.00	1,898,209.93	None	Liquid Fund
Sub Total / Average					4,398,209.93	4,398,209.93		0.00	4,398,209.93		

Union Sanitary District
Board Report - Activity
 Group By: Action
Portfolio / Report Group: All Portfolios
Begin Date: 4/1/2017, End Date: 4/30/2017

Description	CUSIP/Ticker	Face Amount/Shares	Principal	Interest/Dividends	Coupon Rate	YTM @ Cost	Settlement Date	Total
BUY								
American Expr Centurion 2.45 4/5/2022	02587DN38	247,000.00	247,000.00	0.00	2.450	2.450	4/5/2017	247,000.00
Barclays Bank PLC Step 4/26/2022-17	06741VR95	1,000,000.00	1,000,000.00	0.00	2.000	3.093	4/26/2017	1,000,000.00
FHLB 2 10/26/2021-19	3130AB3D6	1,000,000.00	1,000,000.00	0.00	2.000	2.000	4/26/2017	1,000,000.00
FHLMC 1.41 4/26/2019-18	3134GBEG3	1,000,000.00	1,000,000.00	0.00	1.410	1.410	4/26/2017	1,000,000.00
State of California 2.152 4/1/2022	13063DAD0	1,000,000.00	1,010,000.00	0.00	2.152	1.938	4/27/2017	1,010,000.00
T-Note 0.875 5/15/2019	912828R44	1,000,000.00	993,080.00	3,915.75	0.875	1.217	4/26/2017	996,995.75
Toyota Motor Credit Corp 1.2 4/6/2018	89236TCX1	1,000,000.00	998,710.00	0.00	1.200	1.330	4/6/2017	998,710.00
Sub Total / Average		6,247,000.00	6,248,790.00	3,915.75				6,252,705.75
DEPOSIT								
CAMP LGIP	LGIP4000	7.45	7.45	0.00		0.000	4/3/2017	7.45
CAMP LGIP	LGIP4000	3,000,000.00	3,000,000.00	0.00		0.000	4/20/2017	3,000,000.00
LAIF LGIP	LGIP1002	22,657.99	22,657.99	0.00		0.000	4/13/2017	22,657.99
LAIF LGIP	LGIP1002	15,000,000.00	15,000,000.00	0.00		0.000	4/20/2017	15,000,000.00
Union Bank Cash	LGIPUNIONBANK	2,556,501.37	2,556,501.37	0.00		0.000	4/30/2017	2,556,501.37
Sub Total / Average		20,579,166.81	20,579,166.81	0.00				20,579,166.81
INTEREST								
Ally Bank 1.35 10/28/2019	02006LQ48	0.00	0.00	1,669.41	1.350	0.000	4/27/2017	1,669.41
CAMP LGIP	LGIP4000	0.00	0.00	7.45		0.000	4/3/2017	7.45
Capital One Bank 1.5 10/26/2020	140420L99	0.00	0.00	1,854.90	1.500	0.000	4/26/2017	1,854.90
Comenity Capital 1.25 4/11/2019	20033ASR8	0.00	0.00	263.29	1.250	0.000	4/11/2017	263.29
FHLB Step 4/28/2021-16	3130A7QX6	0.00	0.00	6,250.00	1.250	0.000	4/28/2017	6,250.00
FHLB Step 4/28/2021-16	3130A7PRO	0.00	0.00	5,000.00	1.000	0.000	4/28/2017	5,000.00
FHLMC 1.25 10/28/2019-17	3134G8XQ7	0.00	0.00	6,250.00	1.250	0.000	4/28/2017	6,250.00

Description	CUSIP/Ticker	Face Amount/Shares	Principal	Interest/Dividends	Coupon Rate	YTM @ Cost	Settlement Date	Total
FHLMC Step 4/28/2021-16	3134G8VZ9	0.00	0.00	15,625.00	1.250	0.000	4/28/2017	15,625.00
FHLMC Step 4/28/2021-16	3134G8Z28	0.00	0.00	5,625.00	1.125	0.000	4/28/2017	5,625.00
Franklin Synergy Bank 0.85 12/11/2017	35471TCH3	0.00	0.00	179.04	0.850	0.000	4/10/2017	179.04
Goldman Sachs Bank 1 10/16/2017	38148JQX2	0.00	0.00	1,196.71	1.000	0.000	4/17/2017	1,196.71
JP Morgan Chase Bank 1.1 7/15/2019	48125Y5L4	0.00	0.00	675.37	1.100	0.000	4/17/2017	675.37
LAIF LGIP	LGIP1002	0.00	0.00	22,657.99		0.000	4/13/2017	22,657.99
Medallion Bank 1.15 10/30/2017	58403B2L9	0.00	0.00	239.29	1.150	0.000	4/28/2017	239.29
Merrick Bank 0.9 5/19/2017	59013JLK3	0.00	0.00	183.45	0.900	0.000	4/19/2017	183.45
Pacific Premier Bank 0.9 12/5/2017	69478QDG2	0.00	0.00	189.57	0.900	0.000	4/3/2017	189.57
Peoples State Bank of Newton 0.7 6/15/2017	712490AC5	0.00	0.00	148.04	0.700	0.000	4/17/2017	148.04
Toyota Motor Credit Corp 1.2 4/6/2018	89236TCX1	0.00	0.00	6,000.00	1.200	0.000	4/6/2017	6,000.00
Wells Fargo Bank 1.15 7/22/2019	9497486R3	0.00	0.00	243.20	1.150	0.000	4/20/2017	243.20
Sub Total / Average		0.00	0.00	74,257.71				74,257.71

WITHDRAW

LAIF LGIP	LGIP1002	2,500,000.00	2,500,000.00	0.00		0.000	4/26/2017	2,500,000.00
Union Bank Cash	LGIPUNIONBANK	1,898,209.93	1,898,209.93	0.00		0.000	4/29/2017	1,898,209.93
Sub Total / Average		4,398,209.93	4,398,209.93	0.00				4,398,209.93

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

For Period Ended 3/31/17

Fund Balance 12/31/16:		\$278,115.27
Revenues:		
Expenses:		
	Quarterly Net Medical Reimbursements	(104,380.49)
Transfers Out:		
	3/31/17 CalPERS OPEB Trust Annual Required Contrib. (ARC) (payment #3 of 4)	(145,942.75)
Ending Fund Balance 3/31/17:		\$27,792.03



Market Value Summary:

	QTD Current Period	Fiscal Year to Date
Beginning Balance	\$4,889,435.21	\$4,656,889.57
Contribution	0.00	291,885.50
Disbursement	0.00	(198,312.35)
Transfer In	0.00	0.00
Transfer Out	0.00	0.00
Investment Earnings	171,963.90	215,647.10
Administrative Expenses	(603.15)	(1,799.98)
Investment Expense	(441.01)	(1,316.01)
Other	0.00	0.00
Ending Balance	\$5,060,354.95	\$4,962,993.83
YTD Accrual	0.00	97,361.12
Grand Total	\$5,060,354.95	\$5,060,354.95

Unit Value Summary:

	QTD Current Period	Fiscal Year to Date
Beginning Units	343,050.381	336,484.877
Unit Purchases from Contributions	0.000	20,426.024
Unit Sales for Withdrawals	0.000	(13,860.520)
Unit Transfer In	0.000	0.000
Unit Transfer Out	0.000	0.000
Ending Units	343,050.381	343,050.381
Period Beginning Unit Value	14.252820	14.129166
Period Ending Unit Value	14.751055	14.751055

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

Statement of Transaction Detail for the Quarter Ending 03/31/2017
Union Sanitary District
Entity #: SKB7-6011550262



Client Contact:
CERBT4U@CalPERS.ca.gov



Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

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

Karen W. Murphy
Attorney

DATE: May 22, 2017

MEMO TO: Board of Directors - Union Sanitary District

FROM: Paul R. Eldredge, General Manager/District Engineer
Pamela Arends-King, Business Services Manager
Laurie Brenner, (Acting) Organizational Performance Program Manager

SUBJECT: Agenda Item No. 8b - Meeting of May 22, 2017
Information Item: **Third Quarter FY 17 District-Wide Balanced Scorecard Measures**

Recommendation:
Information Only.

Background:

This report summarizes progress meeting the District's strategic objectives for the third quarter of fiscal year 2016-17 (January 1, 2017 through March 31, 2017).

Safety

The District performed well overall in meeting published safety measures in the third quarter, with no additional reportable accidents incurred. No best management practice site visits were made, however, the number of major safety training events offered has exceeded the annual target significantly to date, with eleven events YTD against only seven originally planned. We continue to emphasize safety in all that we do.

See Table 1: Safety Objectives and Measures, for District performance against all safety measures in Q3.

Operational Excellence

The District also performed very well in meeting the Operational Excellence measures in Q3 of FY17. Only three measures were below planned performance levels, but we expect that all of them will meet or exceed targets by the end of the fiscal year.

There were no planned Emergency preparedness events in Q3; but an activity is planned for Q4, enabling us to meet our annual goal of three total events. We have completed two such events to date.

The "Training systems milestones..." goal that is an aggregate target based on the independently planned activities in the three field operations groups is currently at 68.4% against the 100% target established for the year. Planned activities are not necessarily spread evenly across the quarters, so this presents no material concern.

There were 30 recorded assessments completed for the "# Competency assessments..." measure in CS, bringing the total to date to 36 of the 68 planned for the year. The trend in recent years has been limited progress against the goal during the first half of the year, with concerted efforts in completing assessments in the latter part of the fiscal year.

See Table 2: Operational Excellence Objectives and Measures, for District performance against all operational measures in Q3.

Legend for Table 1 and Table 2:

Green: meeting or exceeding target or projected to meet target by the end of the fiscal year

Yellow: Will not meet target if trend continues, and/or not meeting target by <10%- needs attention

Red: Will not meet FY target by >10%- corrective action needed

Table 1: Safety Objectives and Measures

Measures	Q3 FY17	FY17 Target	YTD	FY16	FY15	FY14	Comments
Total accidents with lost days	0	0	1	2	3	1	Ankle sprain resulting in lost days and continued care in Q1. No additional injuries in Q2; No additional injuries in Q3
Other OSHA reportable accidents	0	<4	0	0	0	0	
# Incidents of vehicle or equipment accidents/damage	0	<2	1	3	3	4	Columbia cart door damaged; straightened internally by fleet mechanics in Q1; no additional events in Q2 or Q3
Cost associated with vehicle/equipment accidents	\$0	<\$5000	\$0	\$540	\$444	\$7,265	
Ave FTE lost time	0.31	<0.5	0.18	0.145	0.4875	0.05	1 old injury resulted in 162 lost time hours
"Total Costs: Lost time wages only	\$8,634.89	≤\$46,883	\$14,980.23	\$9,883	\$48,903.84	\$4,897	
Ave FTE limited duty time	0	≤0.5	0	0.12	0.53	0	
"Total costs: Limited duty/Other ½ wages	\$0	≤\$23,441	\$2,206.35	\$4,775	\$26,545.28	0	No loss of FTE time, but limited duty work was performed
X-Mod	0.72	≤1.0	0.72	1.01	1.16	0.95	Improved over last year; 0.72 is the lowest X Mod in District history
# Facility inspections completed (SIT)	1	4	3	4	4	4	FMC/Collections buildings inspected in Q3
% of areas of concern identified during SIT resolved within 45 days of report	100%	≥90%	97%	90%	95%	92%	42/42 actions identified resolved within 45 days
# work site inspections completed	70	≥275	236	337	300	323	Some additional inspections may not yet be recorded
# site visits (for potential BMPS)	0	≥2	0	1	2	2	Reverting to strategy of visits to local agencies; DSRSD, CCWD, EBMUD, CCCSD planned
# GM communications on safety	2	≥4	6	8	9	6	Q3- emails about safety during storm events, increased plant flows, and new safe driving laws
# of major safety training events offered	3	7	11	1	8	7	Q1:Ergonomics (Industrial and Office), CPR/First Aid/AED Q2:Traffic Flagging, Oxy Fuel, Ladder Safety, Excavation, Electrical NFPA 70E, Hazwaste/SPCC; Q3: CPR/First Aid/AED, Defensive Driving, Confined Space Entry
Ave. % of targeted employees trained	96%	≥90%	96.5%	77.8%	80%	91.8	Only 2 EE's need a single course make up session at the end of Q3

Table 2: Operational Excellence Objectives and Measures

Measures	Q3 FY17	FY17 Target	YTD	FY16	FY15	FY14	Comments
Outreach plan milestones: % completed	16.39%	≥90%	68.9%	92.8%	94%	98%	
Response time to calls for service: % under 1 hour	98.1%	≥95%	97.5%	97.5%	97.7%	97.1%	52 calls in Q3 with an average response time of ≤24 minutes
Response time to contact USD inquiries	100%	≥90%	96.7%	96.9%	96.4%	95%	Q1= 18/20; Q2= 27/27; Q3= 25/25
# Total adverse impacts on customers	0	≤10	2	10	5	12	No new claims in Q3
# Emergency preparedness events	0	3	2	2	5	3	Planned activity in Q4; not a concern over attaining our annual goal
Residential SSC compared to surrounding areas	11.50%	Below the 33rd percentile	11.50%	11.50%	15.3%	11.50%	
projects/initiatives with financial benefit	3	≥3	3	3	3	2	No new projects
# Critical asset failures w/o negative impacts	0	≤2	0	0	0	1	
# critical asset failures with negative impacts	0	0	0	3	2	0	Re-evaluating Co-gens and definition of this measure (financial versus operational critical redundancy)
Priority CIP Project milestones met vs. planned	93.33%	≥85%	95.53%	63%	92%	100%	14/15 project milestones were met in Q3; Fremont and Paseo Padre Lift Station project is slightly behind
# adverse impacts on environment	0	0	1	1	2	1	No new spills in Q3, but cannot achieve annual goal of zero events
projects/initiatives with environmental benefit	3	≥3	3	3	3	2	No new projects
Category 2/3 SSOs	1	≤10	3	5	4	4	1 Category 3 spill in Q3 on Christy Street (96 gallons)

% Training System Milestones Completed (cumulative total)	21.0%	100%	68.4%	76%	100%	66%	All teams tracking to goals in Q1 (CS, FMC, T&D); 6/19 total planned in Q1; 9/19 completed in Q2 (cumulative); 13/19 completed in Q3 (not including 3 extra events in CS)
# competency assessments completed	30	68	36	58	60	22	68 planned for FY17; team indicates they will complete annual target; got a slow start last year as well



Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

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

Karen W. Murphy
Attorney

DATE: May 1, 2017

MEMO TO: Board of Directors - Union Sanitary District

FROM: Paul R. Eldredge, General Manager/District Engineer
Sami E. Ghossain, Manager of Technical Services

SUBJECT: Agenda Item No. 8c - Meeting of May 22, 2017
Information Item: **Balanced Scorecard Report for the Technical Services Work Group**

Recommendation

Information only.

Background

In the past two quarters, the Board has received reports from the Treatment and Disposal Work Group and the Collection Services Work Group on the status of their Balanced Scorecards. These two reports were based on the 'process scorecards' developed by the Operating Work Groups.

The Balanced Scorecard for the Technical Services (TS) Work Group has a different look than the Operating Groups Scorecard. Each of the three teams in the TS Workgroup has a different focus, therefore, we have not developed a process scorecard. Instead, each team has developed its strategic objectives represented in their unique scorecards. Each team has selected three to four of its performance measures to present which are most representative of the objectives of that team. The complete scorecard (typically 6-10 measures) is available for the Board's review. A summary of measures is attached, with those presented being highlighted.

The TS Workgroup consists of three teams. Each team is briefly described below:

Capital Improvements Projects Team (CIP Team): The CIP Team is responsible for the implementation of the 20-year Capital Improvement Program. Some of the team's responsibilities are to: develop the projects scopes, develop contracts for consulting services; coordinate input from the operating groups; review plans, specifications and reports; hold public information meetings; resolve disputes during construction; monitor contract status; review, negotiate and approve change orders; and ensure customer satisfaction at the completion of the projects. The team is also responsible for preparing in-house design and for providing construction management services for small projects.

The team measures are focused on internal and external customer satisfaction, management of District funds and successful quality control of capital projects.

Customer Service Team (CST Team): This team has a diverse group of responsibilities focused on meeting the needs of the District's commercial, residential and internal customers. The team's responsibilities include: conducting plan reviews, issuing permits to individuals and developers; construction inspection of new or repair of existing sewers on private property; administering the Sewer Service Charge billing program; collecting Capacity Fees from new developments; reviewing and responding to tri-city environmental planning documents; and responding to customer inquiries related to these responsibilities.

In addition, the CST Team is responsible for the reception area, mail distribution, maintenance of the workroom equipment, dispatching trouble calls received from customers; and assisting other work groups in providing public information via newsletters and press releases.

The team measures are focused on timely completion of plan reviews, dispatching trouble calls and collection of fees, providing quality construction inspection of sewer facilities and providing high-quality customer service to both external and internal customers.

Environmental Compliance Team (EC Team): This team is responsible for the implementation of the District's Industrial Pretreatment, Pollution Prevention, and Public Outreach Programs required as a part of our NPDES Permit, as well as for the \$327,540 contract with the City of Fremont for the Clean Water Program. Day-to-day duties of the team include semi-annual site inspections of the 78 permitted Class I and Class II industries; sampling of industrial discharges for compliance with user permit conditions; review of permit applications of new industries; education and training on industrial production and treatment processes; issuing groundwater discharge permits for site clean-up operations; enforcement of Ordinance 36 and other regulations; collection and preparation of information for capacity and sewer service charge fees; inspection of non-industrial commercial businesses; the restaurant FOG program; and a school outreach program.

The EC Team's measures are related to the protection of District workers, facilities and plant from potentially harmful discharges, compliance with Local, State, and Federal regulations and requirements, and developing constructive and professional relationships with our Industrial and Commercial customers.

Attached is an organizational chart of the TS Workgroup.

The balanced scorecards are presented in a format that shows each team's mission statement and three to four objectives, measures and conclusions.

PRE/SEG:av

Attachments: TS Organizational Chart
TS Teams' BSC Graphs
TS Teams' BSC Measures



Technical Services



04/24/2017

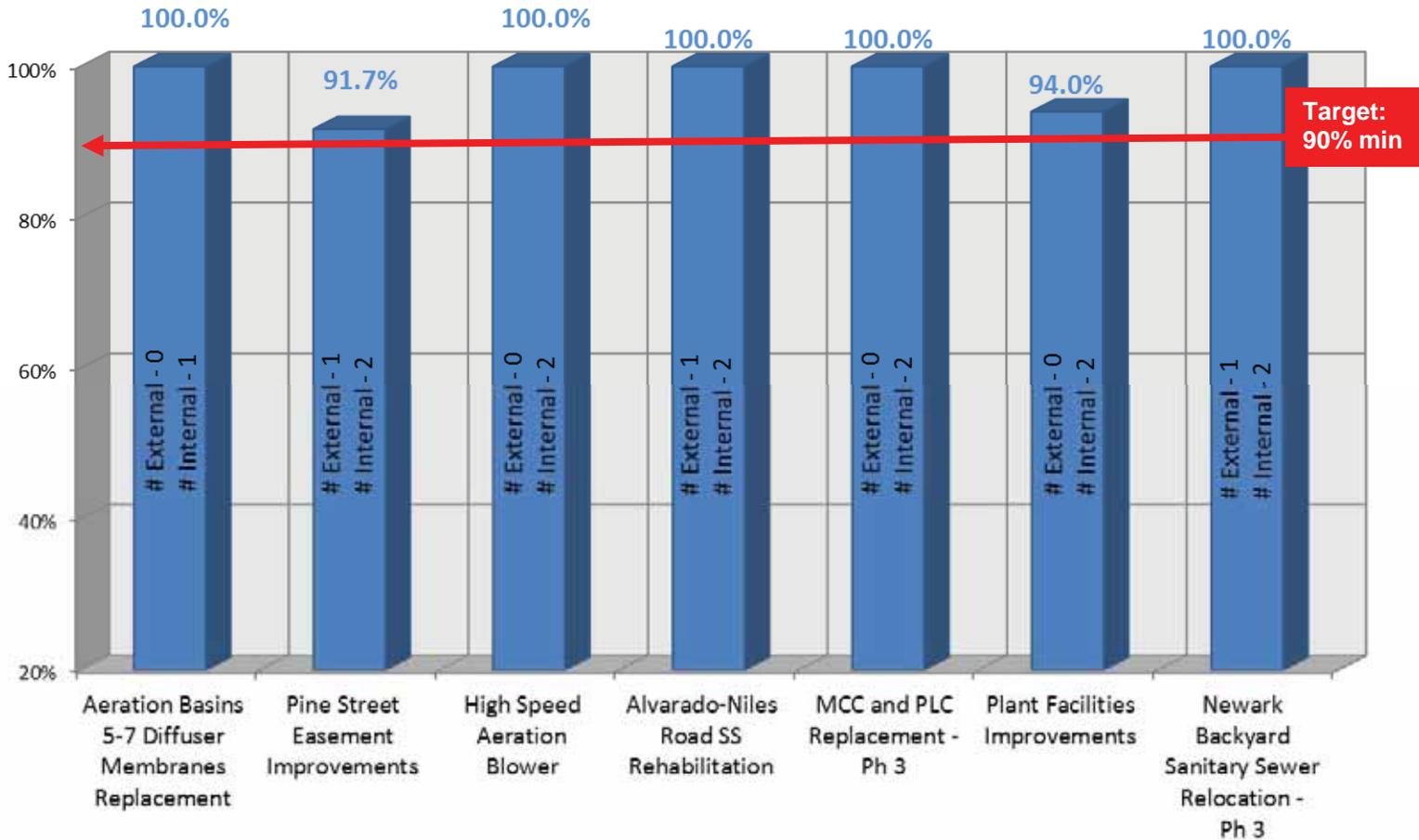
Capital Improvement Projects Team Balanced Scorecard—FY 17 May 2017

Mission Statement: The Capital Projects Team is committed to providing effective project management, engineering services, and administrative support for CIP projects and to our customers.

Objective: Deliver quality engineering projects by maximizing customer satisfaction on CIP projects

Measure: Individual project customer survey (operating groups and agencies) regarding communication and responsiveness of project managers (all projects)

Customer Perspective Surveys
Target 90% Min



Conclusion: This feedback assists the team in understanding and meeting the expectations of both its internal and external customers.

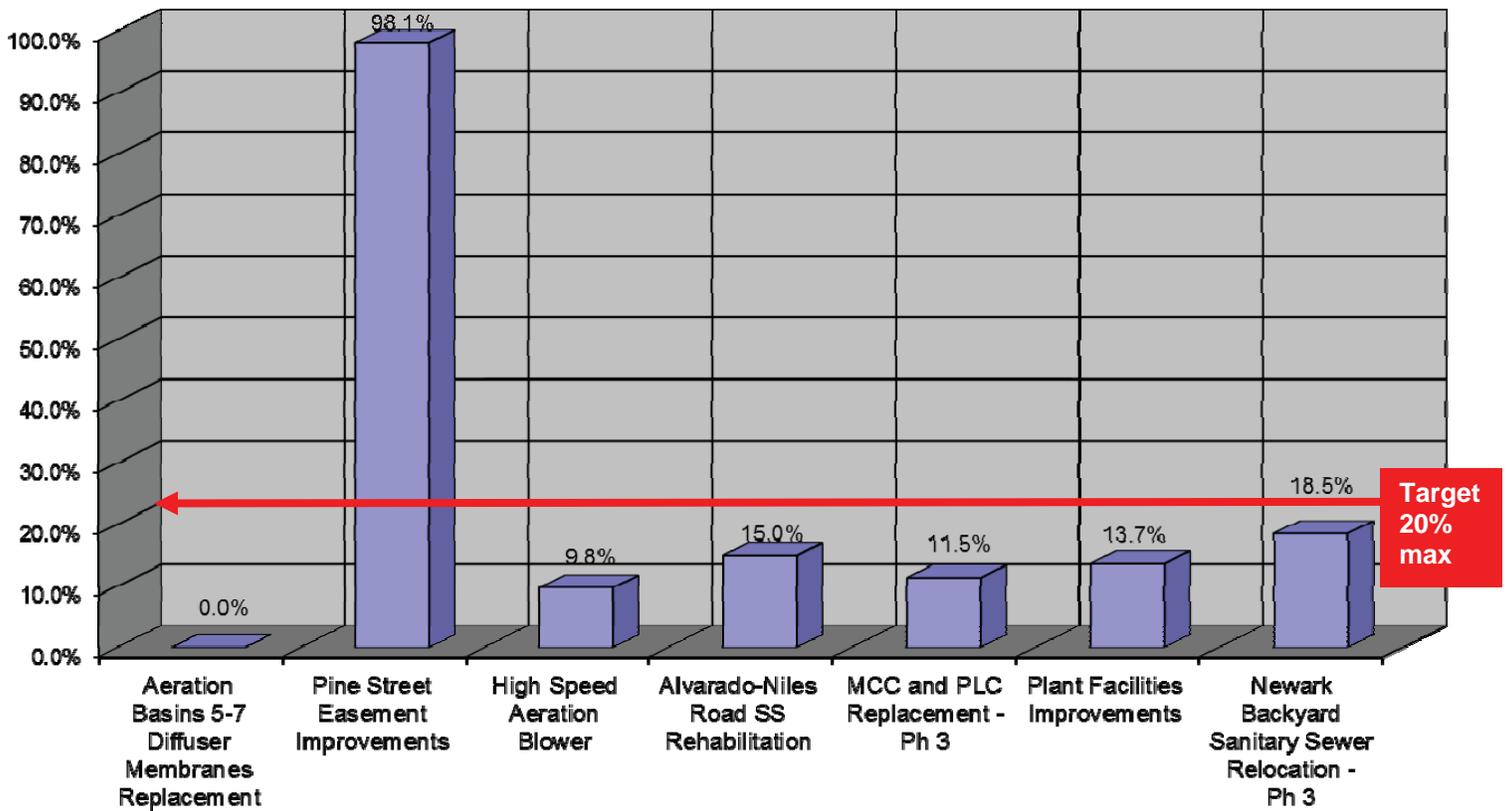
Capital Improvement Projects Team Balanced Scorecard—FY 17 May 2017

Mission Statement: The Capital Projects Team is committed to providing effective project management, engineering services, and administrative support for CIP projects and our customers.

Objective: Control cost through effective management of consultants and construction projects

Measure: % of design and construction management costs (final amounts) to construction cost (base bid amount plus change orders and claims)

■ % of Design and Const. Mgt to Const. Cost Target 20% Max.



Notes:

Pine Street Easement Improvements – The high percentage is due to the higher level of effort needed during the design phase to account for the difficult site terrain and the constraints of constructing improvements along a creek that is considered environmentally sensitive.

Conclusion: This data will help project managers better understand and control the effort required by consultants to design and manage the construction of CIP projects.

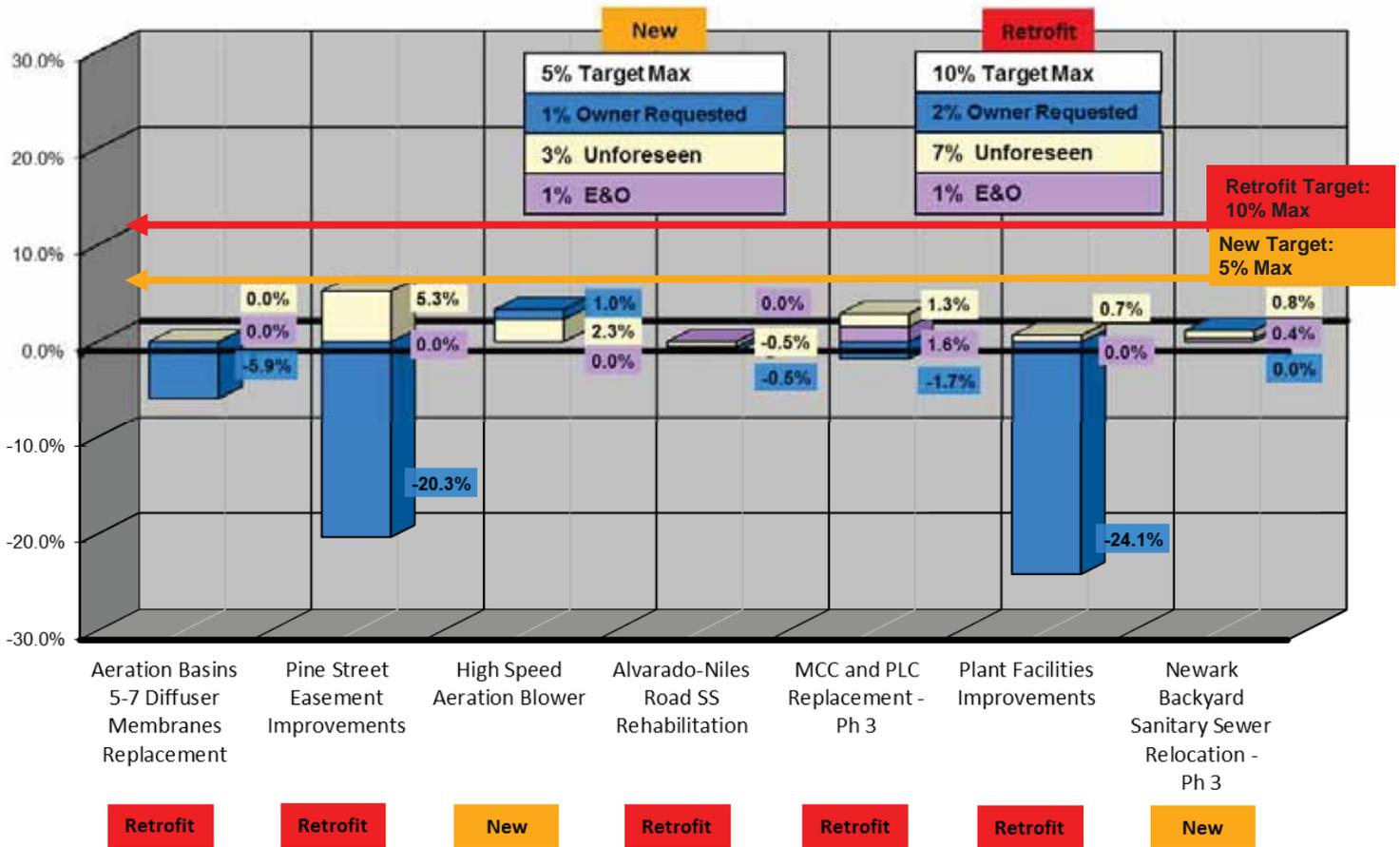
Capital Improvement Projects Team Balanced Scorecard—FY 17 May 2017

Mission Statement: The Capital Projects Team is committed to providing effective project management, engineering services, and administrative support for CIP projects and to our customers.

Objective: Control cost through effective management of consultants and construction projects

Measure: % of total contract change order amounts (Target is 5% max. for new const., 10% for retrofit) to construction cost (base bid amount)

% of Total Contract Change Orders to Construction Cost Attributable to Errors & Omissions, Unforeseen Field Conditions, and Owner Requested Changes



Notes:

Aeration Basins 5-7 Diffuser Membranes Replacement – Repairs of pre-existing damage to the air piping was not required which resulted in a net credit back to the District.

Pine Street Easement Improvements – The access road grading detail was revised which resulted in a net credit back to the District.

Plant Facilities Improvements – The 60" primary effluent pipeline was found to be in good condition with only minor repairs necessary which resulted in a net credit back to the District.

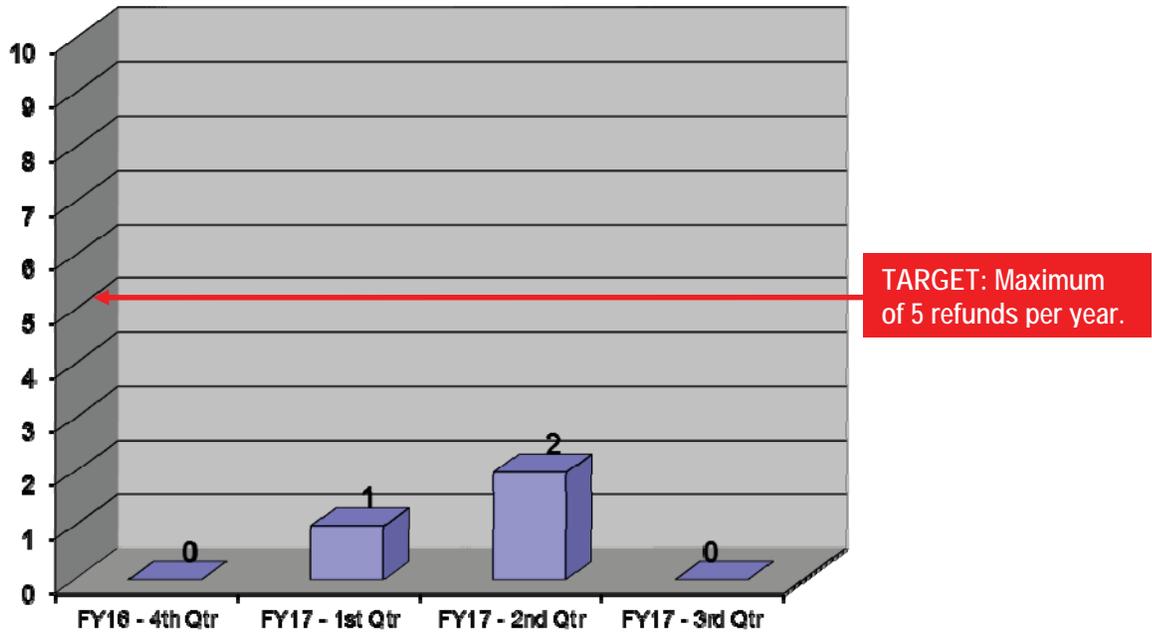
Conclusion: This data will assist staff in minimizing errors and omissions costs by improving quality control and by identifying potential problems during design.

Customer Service Team Balanced Scorecard—FY 17 May 2017

Mission Statement: To provide high quality service to customers in a courteous and efficient manner; to enforce the District's ordinances and specifications for sewer construction and repairs; to process sewer service charges for properties served by the District; and to provide reception, communication and resource services.

Objective: Timely and accurate collection of fees (SSC, Capacity, and Permit Fees)

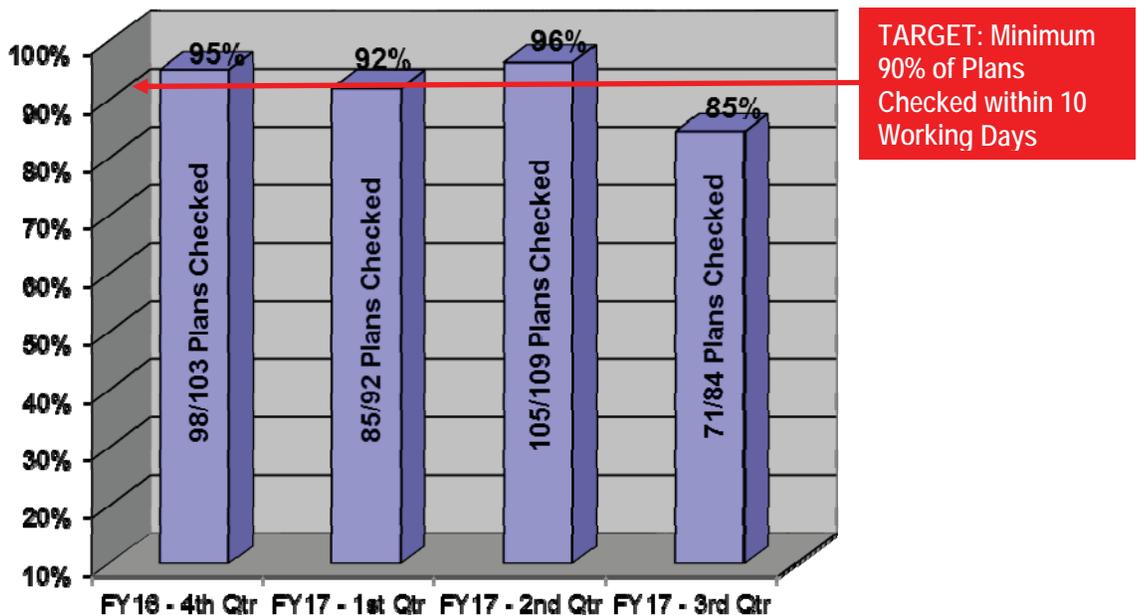
Measure: Number and amount of refunds and invoices needed due to administrative oversight



Conclusion: The Sewer Service Charge (SSC) database continues to be updated as information is received. Team members are meeting and exceeding the goal which is maximum of five refunds per year.

Objective: Timely plan checking

Measure: % plans checked within 10 working days



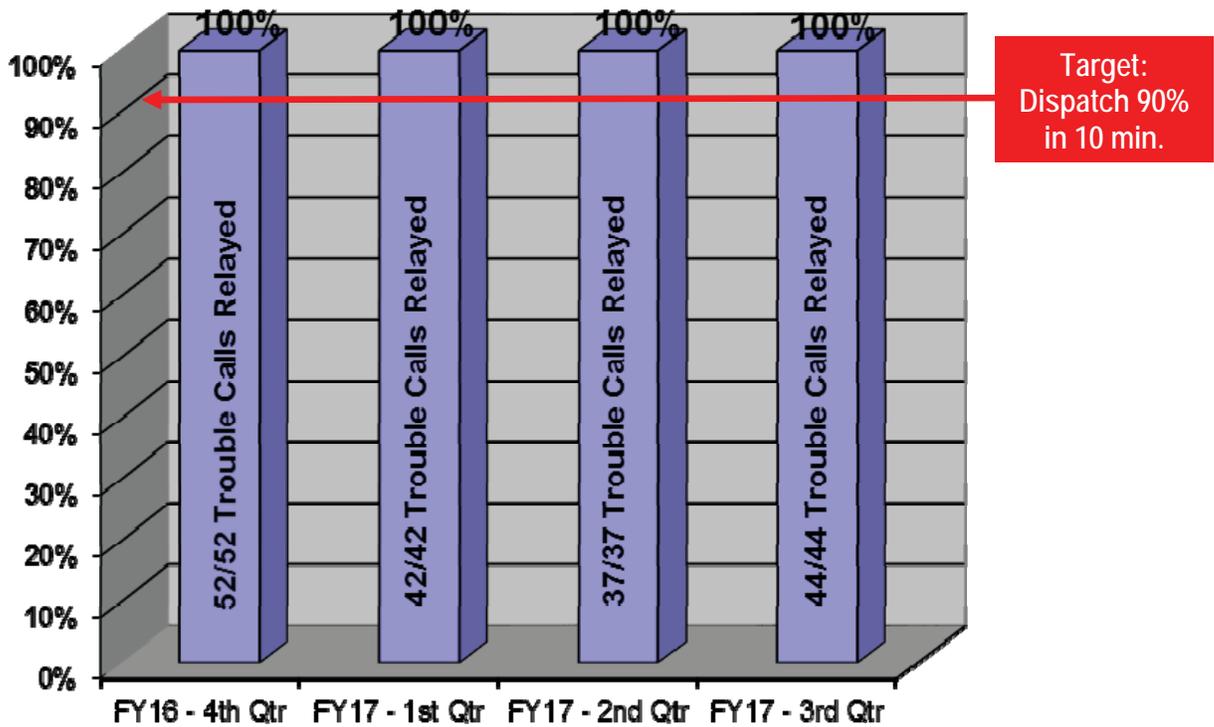
Conclusion: Team members met and exceeded the plan checking goals.

Customer Service Team
Balanced Scorecard—FY 17
May 2017

Mission Statement: To provide high quality service to customers in a courteous and efficient manner. To enforce the District's ordinances and specifications for sewer construction and repairs. To process sewer service charges for properties served by the District, and to provide reception, communication and resource services.

Objective: Timely dispatch of trouble calls and relay service requests

Measure: % of calls relayed within 10 minutes



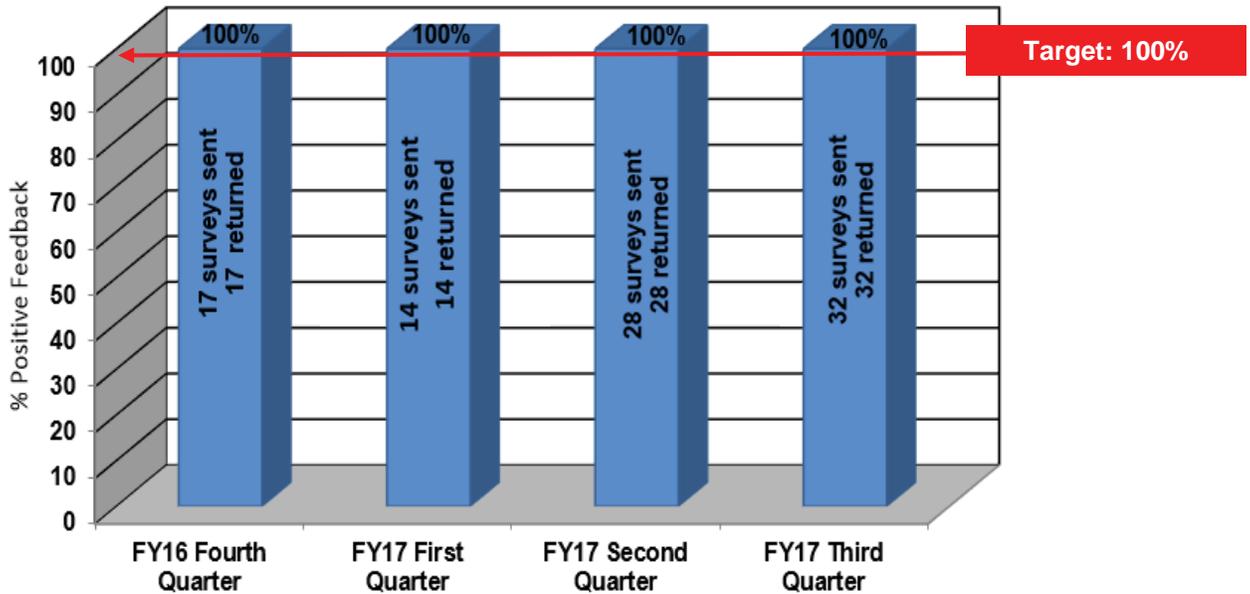
Conclusion: Front desk staff is continuing to dispatch trouble calls within 10 minutes of receiving a call.

Environmental Compliance Team Balanced Scorecard – FY17 May 2017

Mission Statement: To effectively and efficiently implement environmental protection and compliance programs; to protect District personnel and facilities, public safety, and the environment from deleterious discharges; to preserve resources for beneficial use and reuse; to be responsive to the needs of the District, business community, and the general public; and to provide innovation and leadership in the areas of pollution prevention and industrial and commercial environmental compliance.

Objective: Deliver quality public outreach

Measure: % positive comments from teacher surveys



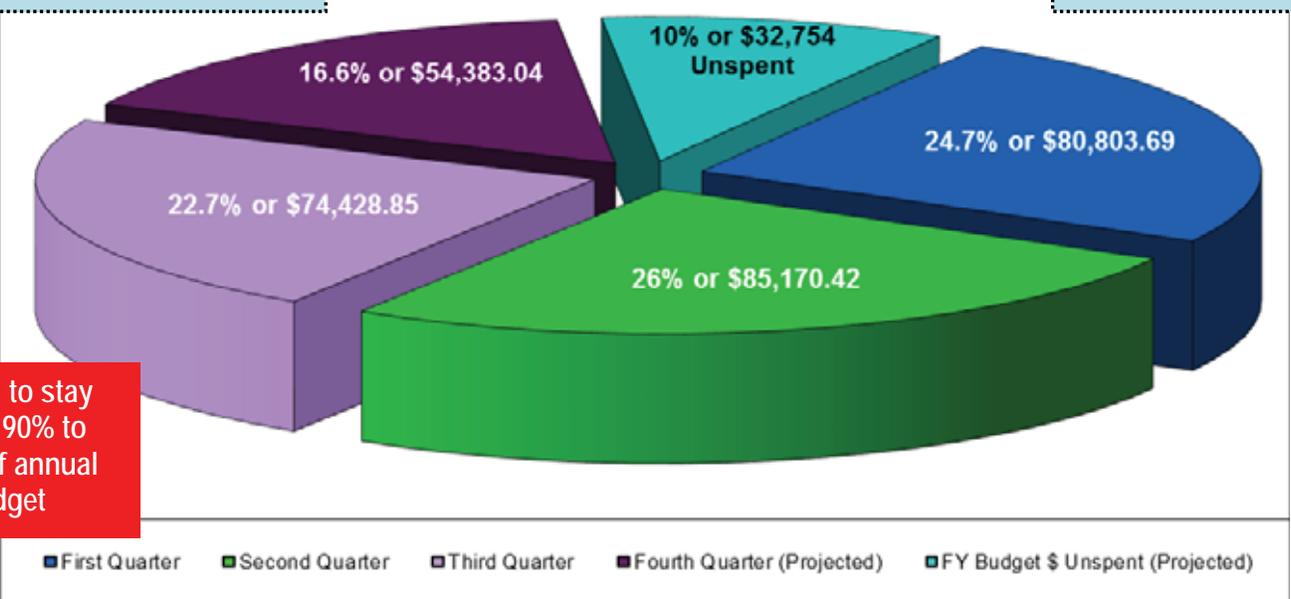
Conclusion: The team continues to provide quality public outreach programs in a professional manner with 100% positive feedback.

Objective: To stay within the COF line item budget for the 5-year contract

City of Fremont Billing FY 17 FY17 Budget: \$327,540

Measure: % of budget spent and invoiced

Target: to stay within 90% to 100% of annual budget



Conclusion: Projecting 90% of annual budget to be used in FY 17.

**Environmental Compliance Team
Balanced Scorecard—FY 17
May 2017**

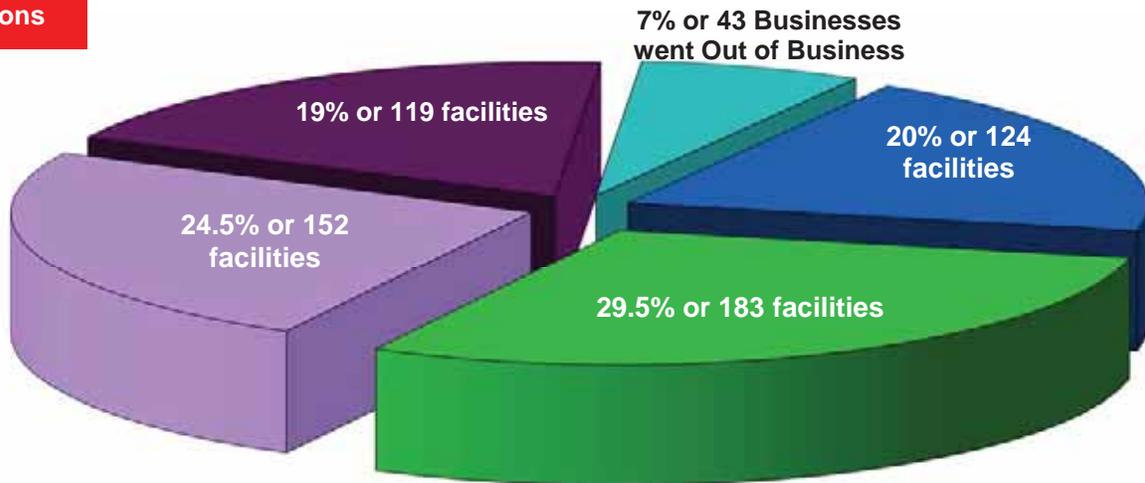
Mission Statement: To effectively and efficiently implement environmental protection and compliance programs; to protect District personnel and facilities, public safety, and the environment from deleterious discharges; to preserve resources for beneficial use and reuse; to be responsive to the needs of the District, business community, and the general public; and to provide innovation and leadership in the areas of pollution prevention and industrial and commercial environmental compliance.

Objective: Monitor compliance of Commercial / Industrial Businesses

Measure: % of COF business plan facilities inspected

Target: 100% of Planned Inspections

**City of Fremont Business Inspection Plan
FY 17 Planned Inspections : 621 Facilities**

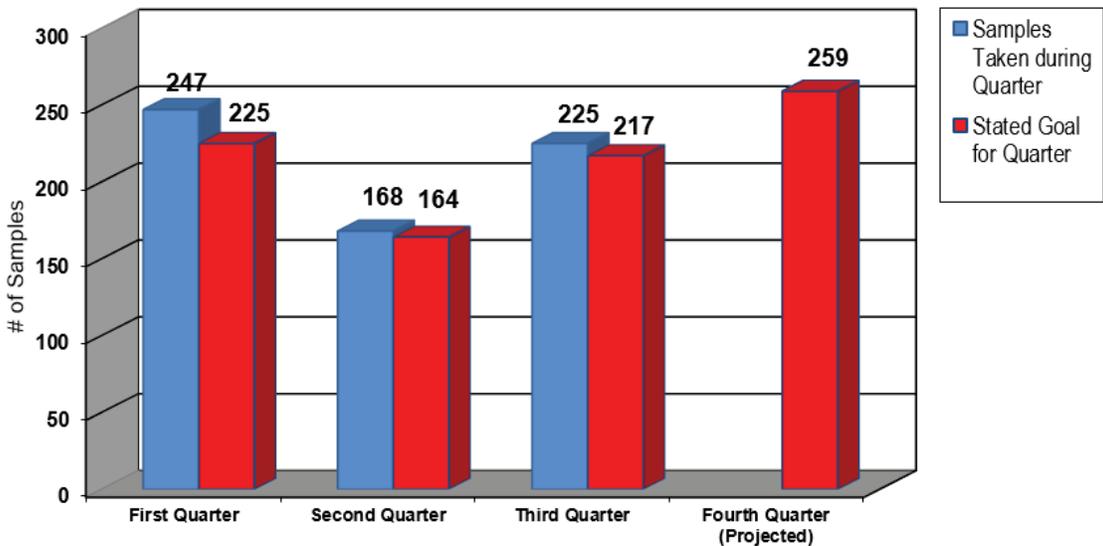


■ First Quarter ■ Second Quarter ■ Third Quarter ■ Fourth Quarter (Projected) ■ OOB as of end of Q3

Conclusion: Team is projected to meet the targeted goal for COF contract.

Objective: Monitor compliance of Industrial Businesses

Measure: Sampling events completed based on sampling



Conclusion: The team will continue to exceed goals for conducting sampling of industrial sites.

**Technical Services Work Group
Team Performance Measures Summary
Fiscal Year 2017**

Note Shaded measures are shown in graphs*

TEAM	OBJECTIVE	MEASURE
CIP	<u>Customer Perspective</u>	
	Deliver quality engineering projects by maximizing customer satisfaction on CIP Projects	Individual project customer survey (operating groups and agencies) regarding communication and responsiveness of project managers (all projects). Target: 90% min.
		Track number and nature of complaints from our external customers, track response time of complaints directed to USD.
	<u>Financial Perspective</u>	
	Control cost through effective management of consultants and construction projects.	% of design and construction management costs (final amounts) to construction cost (base bid amount plus change orders and claims). Target: 20%
	% of total contract change order amounts Target is 5% max. for new const., 10% for retrofit to construction cost (base bid amount). Percentage of Change Orders shall be separated by the following three categories: <u>Errors and omissions</u> – Target 1% max. for new const. and retrofit, <u>Unforeseen field conditions</u> – Target 3% max. for new const.7% for retrofit, <u>Owner requested changes</u> – Target 1% max. for new const.2% for retrofit.	
<u>Internal Processes</u>		
Maintain communication and education so that there are clearer and more realistic project expectations between Operating Groups and CIP	Internal customers survey (operating groups) regarding communication and responsiveness of project managers (all projects) Target: 90% min.	
	Quality review and coordination of studies, master plans, and construction documents	Percentage of construction cost (base bid amount) attributable to Contract Change Order amounts due to errors and omissions Target 1%
	<u>Employee Growth and Development Perspective</u>	
Be aware of industry trends to implement efficient and cost effective technologies	# of ideas (training, informational, educational, technological) shared at team meetings – Target 6 ideas shared/year.	

**Technical Services Work Group
Team Performance Measures Summary
Fiscal Year 2017**

Note Shaded measures are shown in graphs*

TEAM	OBJECTIVE	MEASURE
Customer Service	<u>Customer Perspective</u> Provide professional, courteous and timely services to internal and external customers	% positive responses on customer feedback surveys
	<u>Financial Perspective</u> Timely and accurate collection of fees (SSC, Capacity, and Permit Fees)	Number and amount of refunds and invoices issued due to administrative oversight
	<u>Internal Processes</u> Timely Plan Checking	% plans checked within 10 working days
	Accurate Plan checking and inspection	# of problems reported within one year of approval
	Timely dispatch of trouble calls	% calls relayed within 10 minutes (SLA)
	<u>Employee Growth and Development Perspective</u> Enhance employee skills (computer, new technology, updated regulations, cross-training, etc.)	Number of team members who have attended at least one outside training event (not including mandatory training)

**Technical Services Work Group
Team Performance Measures Summary
Fiscal Year 2017**

Note Shaded measures are shown in graphs*

TEAM	OBJECTIVE	MEASURE
Environmental Compliance	<u>Customer Perspective</u> Provide services in a professional manner with appropriate level of policy enforcement balanced by providing technical information, advice and regulatory requirements.	% of comments from customers during annual evaluation process that indicate fair and professional behavior and responsiveness % positive responses to customer service survey
	Deliver quality Public Outreach Programs	Achieve the P2 Report Goal (40% of 119 classrooms = 48 presentations) % of positive comments from teachers
	<u>Financial Perspective</u> Invoice appropriate fees for recovery of cost from enforcement actions.	% of violating industrial users invoiced
	Stay within City of Fremont contract line item budget	% of budget spent and invoiced
	<u>Internal Processes</u> Ensure Industrial and Commercial violations are appropriately addressed	% of violations addressed with corrective measures to achieve compliance with all ordinances.
	Monitor compliance of industrial and commercial businesses	% of COF business plan facilities inspected Sampling events completed based on sampling plan
	<u>Employee Growth and Development Perspective</u> Complete mandatory training	Average percentage of training completed
	Transfer knowledge from external committees and conferences	% of info shared based on number of committees and conferences (info, materials)



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Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

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

Karen W. Murphy
Attorney

DATE: May 15, 2017

MEMO TO: Board of Directors - Union Sanitary District

FROM: Paul R. Eldredge, General Manager/District Engineer
Pamela Arends-King, Business Services Manager
Laurie Brenner, Finance & Acquisition Services Team Coach

SUBJECT: Agenda Item No. 9 – Meeting of May 22, 2017
Scheduling Public Hearing to Consider Collection of Sewer Service Charges on the Tax Roll for Fiscal Year 2018

Recommendation

Set the time for holding the public hearing to consider collection of sewer service charges on the tax roll for fiscal year 2018, at 7p.m. or as soon thereafter as the matter may be heard, on June 26, 2017, in the Boardroom at 5072 Benson Road, Union City, California.

Background

On January 25, 2016, the Board approved sewer service charge rates for fiscal years 2017 through 2021. The collection of the sewer service charges on the tax rolls requires an annual hearing and consideration of the Board. The District may authorize the sewer service charges for fiscal year 2018 to be collected on the tax rolls, consistent with past practices, by 1) creating a report setting forth the amount of the sewer service charges to be assessed on each parcel in the District; 2) filing the report with the Secretary of the Board; 3) scheduling a public hearing for the Board to hear all objections and protests (if any); and 4) authorizing the collection of the sewer service charges on the tax rolls, if there is no majority protest.

If the Board would like to consider placing the sewer service charges for fiscal year 2018 on the tax rolls, it should set the date for the public hearing to consider authorizing the collection. After the hearing is set by the Board, staff will prepare the report to be considered at the public hearing and will publish the attached Notice of the time and place of the hearing in the Argus newspaper on June 02, 2017 and June 09, 2017, and in the Tri-City Voice on May 30, 2017 and June 6, 2017.

UNION SANITARY DISTRICT

NOTICE OF FILING REPORT AND PUBLIC HEARING IN CONNECTION WITH THE COLLECTION OF FISCAL YEAR 2018 SEWER SERVICE CHARGES ON THE PROPERTY TAX ROLL

NOTICE IS HEREBY GIVEN that pursuant to Sections 5471 and 5473, et seq. of the Health and Safety Code of the State of California and Union Sanitary District Ordinance No. 31, the Board of Directors of Union Sanitary District will consider whether to collect its charges for sewer services for fiscal year 2018 on the tax roll, in the same manner as general taxes, consistent with past practices.

The District has filed a written report with the Secretary of the Board of Directors describing each parcel of real property subject to the charges and the amount of the charges against that parcel for fiscal year 2018. The District's report is on file and available for public inspection at the District Offices.

For reference, the charges for a single family home owner (the majority of USD's customers) are based on the adopted rate of \$393.35 for Fiscal Year 2018. All other rates for individual customers can be found by contacting the District at (510) 477-7500 or on the Districts website www.unionsanitary.ca.gov/sewerservice.htm

NOTICE IS FURTHER GIVEN that on Monday, the 26th day of June 2017, at the hour of 7:00 p.m. or as soon thereafter as the matter may be heard, at the Union Sanitary District Boardroom, 5072 Benson Road, Union City, California, in said District, the Board will hold a hearing to consider the report and whether to collect the sewer service charges for fiscal year 2018 on the property tax roll. At the hearing, the Board of Directors will hear and consider all objections or protests, if any, to the District's report. Any questions regarding the charges may be directed to Business Services Manager/CFO Arends-King.

Publish dates: June 02, 2017 – Argus
June 09, 2017 – Argus
May 30, 2017 – Tri-City Voice
June 06, 2017– Tri-City Voice

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



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Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

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

Karen W. Murphy
Attorney

DATE: May 16, 2017

MEMO TO: Board of Directors - Union Sanitary District

FROM: Paul R. Eldredge, General Manager/District Engineer
Pamela Arends-King, Business Services Work Group Manager/CFO
Sheila Tolbert, Human Resources Manager

SUBJECT: Agenda Item No. 10 - Meeting of May 22, 2017
REVIEW AND CONSIDER THE REVISED PUBLICLY AVAILABLE PAY SCHEDULES

Recommendation

The President and USD Board of Directors approve and sign the attached revised five Publicly Available Pay Schedules (PAPS) which will be posted and retained in accordance with CalPERS requirements.

Background

CalPERS conducts random reviews of agencies to ensure compliance with laws, rules and regulations. Union Sanitary District underwent a review by CalPERS which resulted in a finding that some of the District's PAPS did not include all the required information.

Based on the results of the CalPERS review, the District revised all the PAPS identified by CalPERS and had CalPERS review them prior to submission to the Board for approval. CalPERS stated all the revised PAPS were correct and ready for submission to the Board. The revised PAPS were submitted to the Board for approval at the January 9, 2017 Board Meeting. After submitting the approved and signed PAPS to CalPERS, the District was informed by CalPERS that we also need to revise the five PAPS listed below to ensure that the modifications made previously are included on all future PAPS (to meet CalPERS requirements):

- PAPS dated 12/13/2013
- PAPS dated 03/01/2014
- PAPS dated 05/19/2014
- PAPS dated 08/24/2014
- PAPS dated 12/08/2014

As a reminder, the PAPS 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.

Attachments:

Revised PAPS to be approved

UNION SANITARY DISTRICT PAY SCHEDULE

Effective December 13, 2013		
(REVISED - 05/22/2017)		
Position Title	Minimum Bi-Weekly Pay Rate	Maximum Bi-Weekly Pay Rate
Accountant I	\$2,632.40	\$3,199.70
Accountant II	\$2,895.65	\$3,519.68
Accounting Tech Specialist	\$2,839.02	\$3,450.85
Accounting Technician I	\$2,294.17	\$2,788.58
Accounting Technician II	\$2,523.57	\$3,067.42
Administrative Specialist I	\$2,242.43	\$2,725.70
Administrative Specialist II	\$2,360.46	\$2,869.14
Assistant Engineer	\$3,305.19	\$4,338.06
Assistant to the General Manager	\$2,733.18	\$3,587.30
Assistant Storekeeper	\$2,179.64	\$2,650.42
Associate Engineer	\$3,666.67	\$4,812.51
Buyer I	\$2,375.49	\$3,117.83
Buyer II	\$2,794.70	\$3,668.04
Chemist I	\$3,085.44	\$3,750.38
Chemist II	\$3,239.72	\$3,937.90
Coach, Business Services	\$4,218.89	\$5,537.29
Coach, Capital Improvement Projects	\$4,901.60	\$6,433.34
Coach, Collection Services	\$3,943.18	\$5,175.42
Coach, Customer Service	\$4,429.34	\$5,813.50
Coach, Electrical & Instrumentation	\$3,960.09	\$5,197.62
Coach, Environmental Compliance	\$3,901.94	\$5,121.30
Coach - Mechanical Maintenance	\$3,864.79	\$5,072.54
Coach, Research & Support/Process Engineer	\$3,901.30	\$5,120.45
Coach, Total Plant Operations	\$3,904.83	\$5,125.09
Collection System Worker I	\$2,495.62	\$2,816.05
Collection System Worker II	\$2,548.46	\$3,097.66
Communications Coordinator	\$3,147.23	\$3,825.49
Construction Inspector I	\$2,695.70	\$3,276.65
Construction Inspector II	\$2,965.26	\$3,604.30
Construction Inspector III	\$3,083.88	\$3,748.48
Customer Service Fee Analyst	\$2,562.46	\$3,114.68
Deputy General Manager	\$5,869.77	\$7,704.08
Engineering Assistant/Plan Checker	\$3,306.21	\$4,018.71
Engineering Technician I	\$2,601.32	\$3,161.55
Engineering Technician II	\$2,861.12	\$3,477.70
Engineering Technician III	\$3,147.23	\$3,825.49
Environmental Control (EC) Inspector I	\$2,546.30	\$3,095.41
Environmental Control (EC) Inspector II	\$2,864.64	\$3,482.41
Environmental Control (EC) Inspector III	\$3,180.14	\$3,865.48
Environmental Control (EC) Inspector IV	\$3,402.74	\$4,136.06
Environmental Control (EC) Outreach Representative	\$3,180.14	\$3,865.48

Effective December 13, 2013

(REVISED - 05/22/2017)

Position Title	Minimum Bi-Weekly Pay Rate	Maximum Bi-Weekly Pay Rate
Environmental Health and Safety Program Manager	\$3,648.32	\$4,788.42
Environmental Program Coordinator	\$3,530.33	\$4,633.56
Fleet Mechanic I	\$2,568.71	\$3,122.29
Fleet Mechanic II	\$3,079.14	\$3,496.97
General Manager	\$6,987.57	\$9,171.19
Human Resources Administrator	\$4,425.90	\$5,809.00
Human Resources Analyst	\$3,110.49	\$4,082.52
InformationTechnology Administrator	\$4,207.01	\$5,521.70
Information Technology Analyst	\$3,004.57	\$3,943.49
Instrument Tech/Electrician	\$3,371.88	\$3,846.01
Janitor	\$1,718.03	\$2,088.27
Junior Engineer	\$2,974.67	\$3,904.26
Laborator Analyst	\$2,938.38	\$3,571.62
Laboratory Director	\$3,837.70	\$4,664.75
Lead Collection System Worker	\$2,803.30	\$3,407.42
Maintenance Assistant	\$1,103.86	\$1,341.74
Manager, Business Services	\$6,028.38	\$7,939.28
Manager, Collection Services	\$5,626.68	\$7,508.31
Manager, Maintenance	\$5,626.68	\$7,385.02
Manager, Technical Services	\$5,948.35	\$7,807.21
Manager, Treatment & Disposal Services	\$5,626.68	\$7,556.60
Mechanic I	\$2,781.29	\$3,158.71
Mechanic II	\$3,115.05	\$3,537.77
Mechanic XL	\$3,714.66	\$3,714.66
Office Assistant I	\$1,815.54	\$2,206.80
Office Assistant II	\$2,069.70	\$2,515.74
Office Assistant III	\$2,276.69	\$2,767.34
Painter	\$2,598.00	\$3,246.34
Planner/Scheduler I	\$2,983.58	\$3,626.56
Planner/Scheduler II	\$3,208.36	\$3,899.78
Plant Operations Trainer	\$3,524.53	\$4,284.09
Plant Operator I	\$2,479.22	\$3,013.50
Plant Operator II	\$2,957.50	\$3,344.99
Plant Operator III	\$3,381.98	\$3,825.07
Plant Operator XL	\$4,016.32	\$4,016.32
Principal Engineer	\$4,434.78	\$5,820.64
Principal Financial Analyst	\$3,506.43	\$4,823.22
Purchasing Agent	\$3,513.96	\$4,612.08
Quality Coordinator	\$3,812.01	\$5,284.76
Receptionist	\$1,960.89	\$2,383.34
Senior Accountant	\$3,147.72	\$4,198.39
Senior Database Administrator/Developer	\$3,765.20	\$4,941.82
Senior Engineer	\$4,007.49	\$5,259.84

Effective December 13, 2013

(REVISED - 05/22/2017)

Position Title	Minimum Bi-Weekly Pay Rate	Maximum Bi-Weekly Pay Rate
Senior Geographic Information System (GIS)/Database Administrator	\$3,765.20	\$4,941.82
Senior Information Technology Analyst	\$3,338.41	\$4,381.66
Senior Network Administrator	\$3,692.12	\$4,845.91
Storekeeper I	\$2,757.17	\$3,351.35
Storekeeper II	\$2,895.02	\$3,518.92
Technical Training Coordinator	\$3,378.26	\$4,433.97
Utility Worker	\$2,116.57	\$2,572.70
<p>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.</p>		

Approved by: _____
 President, Board of Directors

Date: _____

UNION SANITARY DISTRICT PAY SCHEDULE

Effective March 1, 2014		
(REVISED - 05/22/2017)		
Position Title	Minimum Bi-Weekly Pay Rate	Maximum Bi-Weekly Pay Rate
Accounting Tech Specialist	\$2,938.38	\$3,571.62
Accounting Technician II	\$2,611.90	\$3,174.78
Administrative Specialist I	\$2,320.92	\$2,821.10
Administrative Specialist II	\$2,443.06	\$2,969.57
Assistant Engineer	\$3,305.19	\$4,338.06
Assistant to the General Manager	\$2,733.18	\$3,587.30
Assistant Storekeeper	\$2,256.82	\$2,743.18
Associate Engineer	\$3,666.67	\$4,812.51
Buyer I	\$2,375.49	\$3,117.83
Buyer II	\$2,794.70	\$3,668.04
Chemist I	\$3,193.43	\$3,881.64
Chemist II	\$3,353.11	\$4,075.73
Coach, Business Services	\$4,218.89	\$5,537.29
Coach, Capital Improvement Projects	\$4,901.60	\$6,433.34
Coach, Collection Services	\$3,943.18	\$5,175.42
Coach, Customer Service	\$4,429.34	\$5,813.50
Coach, Electrical & Instrumentation	\$3,960.09	\$5,197.62
Coach, Environmental Compliance	\$3,901.94	\$5,121.30
Coach - Mechanical Maintenance	\$3,864.79	\$5,072.54
Coach, Research & Support/Process Engineer	\$3,901.30	\$5,120.45
Coach, Total Plant Operations	\$3,904.83	\$5,125.09
Collection System Worker I	\$2,397.86	\$2,914.61
Collection System Worker II	\$2,637.65	\$3,206.08
Communications Coordinator	\$3,257.39	\$3,959.38
Construction Inspector I	\$2,790.06	\$3,391.33
Construction Inspector II	\$3,069.05	\$3,730.45
Construction Inspector III	\$3,191.82	\$3,879.68
Customer Service Fee Analyst	\$2,652.14	\$3,223.70
Engineering Technician I	\$2,692.06	\$3,272.21
Engineering Technician II	\$2,961.26	\$3,599.42
Engineering Technician III	\$3,257.39	\$3,959.38
Environmental Compliance (EC) Inspector I	\$2,635.74	\$3,203.75
Environmental Compliance (EC) Inspector II	\$2,965.26	\$3,604.30
Environmental Compliance (EC) Inspector III	\$3,291.44	\$4,000.77
Environmental Compliance (EC) Inspector IV	\$3,521.84	\$4,280.82
Environmental Control (EC) Outreach Representative	\$3,291.44	\$4,000.77

Effective March 1, 2014

(REVISED - 05/22/2017)

Position Title	Minimum Bi-Weekly Pay Rate	Maximum Bi-Weekly Pay Rate
Environmental Health and Safety Program Manager	\$3,648.32	\$4,788.42
Environmental Program Coordinator	\$3,530.33	\$4,633.56
Fleet Mechanic I	\$2,658.62	\$3,231.57
Fleet Mechanic II	\$2,977.66	\$3,619.36
General Manager	\$7,074.72	\$9,285.56
Human Resources Administrator	\$4,425.90	\$5,809.00
Human Resources Analyst	\$3,110.49	\$4,082.52
Information Technology Administrator	\$4,207.01	\$5,521.70
Information Technology Analyst	\$3,004.57	\$3,943.49
Instrument Tech/Electrician	\$3,274.86	\$3,980.62
Janitor	\$1,778.16	\$2,161.36
Junior Engineer	\$2,974.67	\$3,904.26
Laboratory Director	\$3,972.02	\$4,828.02
Lead Collection System Worker	\$2,901.42	\$3,526.69
Maintenance Assistant	\$1,142.49	\$1,388.70
Manager, Business Services	\$6,028.38	\$7,939.28
Manager, Collection Services	\$5,626.68	\$7,508.31
Manager, Maintenance	\$5,626.68	\$7,385.02
Manager, Technical Services	\$5,948.35	\$7,807.21
Manager, Treatment & Disposal Services	\$5,626.68	\$7,556.60
Mechanic I	\$2,689.63	\$3,269.26
Mechanic II	\$3,012.40	\$3,661.59
Mechanic XL	\$3,714.66	\$3,844.68
Painter	\$2,764.26	\$3,359.97
Planner/Scheduler I	\$3,088.00	\$3,753.49
Planner/Scheduler II	\$3,320.65	\$4,036.27
Plant Operations Trainer	\$3,647.89	\$4,434.03
Plant Operator I	\$2,565.98	\$3,118.97
Plant Operator II	\$2,848.26	\$3,462.07
Plant Operator III	\$3,257.04	\$3,958.94
Plant Operator XL	\$4,016.32	\$4,156.90
Principal Engineer	\$4,434.78	\$5,820.64
Principal Financial Analyst	\$3,506.43	\$4,823.22
Purchasing Agent	\$3,513.96	\$4,612.08
Quality Coordinator	\$3,812.01	\$5,284.76
Receptionist	\$2,029.41	\$2,466.76
Senior Accountant	\$3,147.72	\$4,198.39
Senior Database Administrator/Developer	\$3,765.20	\$4,941.82

Effective March 1, 2014

(REVISED - 05/22/2017)

Position Title	Minimum Bi-Weekly Pay Rate	Maximum Bi-Weekly Pay Rate
Senior Engineer	\$4,007.49	\$5,259.84
Senior Geographic Information System (GIS)/Database Administrator	\$3,765.20	\$4,941.82
Senior Information Technology Analyst	\$3,338.41	\$4,381.66
Senior Network Administrator	\$3,692.12	\$4,845.91
Senior Process Engineer	\$4,007.49	\$5,259.84
Storekeeper I	\$2,853.67	\$3,468.66
Storekeeper II	\$2,996.34	\$3,642.08
Technical Training Program Manager	\$3,378.26	\$4,433.97
Utility Worker	\$2,190.65	\$2,662.75
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: _____
 President, Board of Directors

Date: _____

UNION SANITARY DISTRICT PAY SCHEDULE

Effective May 19, 2014		
(REVISED - 05/22/2017)		
Position Title	Minimum Bi-Weekly Pay Rate	Maximum Bi-Weekly Pay Rate
Accounting Tech Specialist	\$2,938.38	\$3,571.62
Accounting Technician II	\$2,611.90	\$3,174.78
Administrative Specialist I	\$2,320.92	\$2,821.10
Administrative Specialist II	\$2,443.06	\$2,969.57
Assistant Engineer	\$3,305.19	\$4,338.06
Assistant to the General Manager	\$2,974.95	\$3,904.62
Assistant Storekeeper	\$2,256.82	\$2,743.18
Associate Engineer	\$3,666.67	\$4,812.51
Buyer I	\$2,375.49	\$3,117.83
Buyer II	\$2,794.70	\$3,668.04
Chemist I	\$3,193.43	\$3,881.64
Chemist II	\$3,353.11	\$4,075.73
Coach, Business Services	\$4,218.89	\$5,537.29
Coach, Capital Improvement Projects	\$4,901.60	\$6,433.34
Coach, Collection Services	\$3,943.18	\$5,175.42
Coach, Customer Service	\$4,429.34	\$5,813.50
Coach, Electrical & Instrumentation	\$3,960.09	\$5,197.62
Coach, Environmental Compliance	\$3,901.94	\$5,121.30
Coach - Mechanical Maintenance	\$3,864.79	\$5,072.54
Coach, Research & Support/Process Engineer	\$3,901.30	\$5,120.45
Coach, Total Plant Operations	\$3,904.83	\$5,125.09
Collection System Worker I	\$2,397.86	\$2,914.61
Collection System Worker II	\$2,637.65	\$3,206.08
Communications Coordinator	\$3,257.39	\$3,959.38
Construction Inspector I	\$2,790.06	\$3,391.33
Construction Inspector II	\$3,069.05	\$3,730.45
Construction Inspector III	\$3,191.82	\$3,879.68
Customer Service Fee Analyst	\$2,652.14	\$3,223.70
Engineering Technician I	\$2,692.06	\$3,272.21
Engineering Technician II	\$2,961.26	\$3,599.42
Engineering Technician III	\$3,257.39	\$3,959.38
Environmental Compliance (EC) Inspector I	\$2,635.74	\$3,203.75
Environmental Compliance (EC) Inspector II	\$2,965.26	\$3,604.30
Environmental Compliance (EC) Inspector III	\$3,291.44	\$4,000.77
Environmental Compliance (EC) Inspector IV	\$3,521.84	\$4,280.82
Environmental Control (EC) Outreach Representative	\$3,291.44	\$4,000.77

Effective May 19, 2014

(REVISED - 05/22/2017)

Position Title	Minimum Bi-Weekly Pay Rate	Maximum Bi-Weekly Pay Rate
Environmental Health and Safety Program Manager	\$3,648.32	\$4,788.42
Environmental Program Coordinator	\$3,530.33	\$4,633.56
Fleet Mechanic I	\$2,658.62	\$3,231.57
Fleet Mechanic II	\$2,977.66	\$3,619.36
General Manager	\$7,074.72	\$9,285.56
Human Resources Administrator	\$4,425.90	\$5,809.00
Human Resources Analyst	\$3,110.49	\$4,082.52
Information Technology Administrator	\$4,207.01	\$5,521.70
Information Technology Analyst	\$3,004.57	\$3,943.49
Instrument Tech/Electrician	\$3,274.86	\$3,980.62
Janitor	\$1,778.16	\$2,161.36
Junior Engineer	\$2,974.67	\$3,904.26
Laboratory Director	\$3,972.02	\$4,828.02
Lead Collection System Worker	\$2,901.42	\$3,526.69
Maintenance Assistant	\$1,142.49	\$1,388.70
Manager, Business Services	\$6,028.38	\$7,939.28
Manager, Collection Services	\$5,626.68	\$7,508.31
Manager, Maintenance	\$5,626.68	\$7,385.02
Manager, Technical Services	\$5,948.35	\$7,807.21
Manager, Treatment & Disposal Services	\$5,626.68	\$7,556.60
Mechanic I	\$2,689.63	\$3,269.26
Mechanic II	\$3,012.40	\$3,661.59
Mechanic XL	\$3,714.66	\$3,844.68
Painter	\$2,764.26	\$3,359.97
Planner/Scheduler I	\$3,088.00	\$3,753.49
Planner/Scheduler II	\$3,320.65	\$4,036.27
Plant Operations Trainer	\$3,647.89	\$4,434.03
Plant Operator I	\$2,565.98	\$3,118.97
Plant Operator II	\$2,848.26	\$3,462.07
Plant Operator III	\$3,257.04	\$3,958.94
Plant Operator XL	\$4,016.32	\$4,156.90
Principal Engineer	\$4,434.78	\$5,820.64
Principal Financial Analyst	\$3,506.43	\$4,823.22
Purchasing Agent	\$3,513.96	\$4,612.08
Quality Coordinator	\$3,812.01	\$5,284.76
Receptionist	\$2,029.41	\$2,466.76
Senior Accountant	\$3,147.72	\$4,198.39
Senior Database Administrator/Developer	\$3,765.20	\$4,941.82

Effective May 19, 2014

(REVISED - 05/22/2017)

Position Title	Minimum Bi-Weekly Pay Rate	Maximum Bi-Weekly Pay Rate
Senior Engineer	\$4,007.49	\$5,259.84
Senior Geographic Information System (GIS)/Database Administrator	\$3,765.20	\$4,941.82
Senior Information Technology Analyst	\$3,338.41	\$4,381.66
Senior Network Administrator	\$3,692.12	\$4,845.91
Senior Process Engineer	\$4,007.49	\$5,259.84
Storekeeper I	\$2,853.67	\$3,468.66
Storekeeper II	\$2,996.34	\$3,642.08
Technical Training Program Manager	\$3,378.26	\$4,433.97
Utility Worker	\$2,190.65	\$2,662.75
<p>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.</p>		

Approved by: _____
 President, Board of Directors

Date: _____

UNION SANITARY DISTRICT PAY SCHEDULE

Effective August 24, 2014		
(REVISED - 05/22/2017)		
Position Title	Minimum Bi-Weekly Pay Rate	Maximum Bi-Weekly Pay Rate
Accounting Tech Specialist	\$2,938.38	\$3,571.62
Accounting Technician II	\$2,611.90	\$3,174.78
Administrative Specialist I	\$2,320.92	\$2,821.10
Administrative Specialist II	\$2,443.06	\$2,969.57
Assistant Engineer	\$3,427.81	\$4,499.00
Assistant to the General Manager	\$2,924.79	\$3,838.79
Assistant Storekeeper	\$2,256.82	\$2,743.18
Associate Engineer	\$3,821.77	\$5,016.08
Buyer I	\$2,455.78	\$3,223.21
Buyer II	\$2,889.16	\$3,792.02
Chemist I	\$3,193.43	\$3,881.64
Chemist II	\$3,353.11	\$4,075.73
Coach, Business Services	\$4,426.46	\$5,809.72
Coach, Capital Improvement Projects	\$5,128.54	\$6,731.21
Coach, Collection Services	\$4,105.64	\$5,388.65
Coach, Customer Service	\$4,580.38	\$6,011.74
Coach, Electrical & Instrumentation	\$4,150.57	\$5,447.62
Coach, Environmental Compliance	\$4,120.45	\$5,408.09
Coach - Mechanical Maintenance	\$4,032.52	\$5,292.68
Coach, Research & Support/Process Engineer	\$4,110.01	\$5,394.39
Coach, Total Plant Operations	\$4,063.75	\$5,333.68
Collection System Worker I	\$2,397.86	\$2,914.61
Collection System Worker II	\$2,637.65	\$3,206.08
Communications Coordinator	\$3,257.39	\$3,959.38
Construction Inspector I	\$2,790.06	\$3,391.33
Construction Inspector II	\$3,069.05	\$3,730.45
Construction Inspector III	\$3,191.82	\$3,879.68
Customer Service Fee Analyst	\$2,652.14	\$3,223.70
Engineering Technician I	\$2,692.06	\$3,272.21
Engineering Technician II	\$2,961.26	\$3,599.42
Engineering Technician III	\$3,257.39	\$3,959.38
Environmental Compliance (EC) Inspector I	\$2,635.74	\$3,203.75
Environmental Compliance (EC) Inspector II	\$2,965.26	\$3,604.30
Environmental Compliance (EC) Inspector III	\$3,291.44	\$4,000.77
Environmental Compliance (EC) Inspector IV	\$3,521.84	\$4,280.82
Environmental Control (EC) Outreach Representative	\$3,291.44	\$4,000.77

UNION SANITARY DISTRICT PAY SCHEDULE

Effective August 24, 2014		
(REVISED - 05/22/2017)		
Position Title	Minimum Bi-Weekly Pay Rate	Maximum Bi-Weekly Pay Rate
Environmental Health and Safety Program Manager	\$3,798.63	\$4,985.70
Environmental Program Coordinator	\$3,728.03	\$4,893.04
Fleet Mechanic I	\$2,658.62	\$3,231.57
Fleet Mechanic II	\$2,977.66	\$3,619.36
General Manager	\$7,074.72	\$9,285.56
Human Resources Administrator	\$4,591.87	\$6,026.83
Human Resources Analyst	\$3,210.96	\$4,214.38
InformationTechnology Administrator	\$4,367.30	\$5,732.08
Information Technology Analyst	\$3,089.29	\$4,054.70
Instrument Tech/Electrician	\$3,274.86	\$3,980.62
Janitor	\$1,778.16	\$2,161.36
Junior Engineer	\$3,085.03	\$4,049.10
Laboratory Director	\$3,972.02	\$4,828.02
Lead Collection System Worker	\$2,901.42	\$3,526.69
Maintenance Assistant	\$1,142.49	\$1,388.70
Manager, Business Services	\$6,291.21	\$8,257.22
Manager, Collection Services	\$5,827.56	\$7,648.67
Manager, Maintenance	\$5,528.78	\$7,256.52
Manager, Technical Services	\$6,107.76	\$8,016.44
Manager, Treatment & Disposal Services	\$5,827.56	\$7,648.67
Mechanic I	\$2,689.63	\$3,269.26
Mechanic II	\$3,012.40	\$3,661.59
Mechanic XL	\$3,714.66	\$3,844.68
Organizational Performance Program Manager	\$3,985.83	\$5,231.41
Painter	\$2,764.26	\$3,359.97
Planner/Scheduler I	\$3,088.00	\$3,753.49
Planner/Scheduler II	\$3,320.65	\$4,036.27
Plant Operations Trainer	\$3,647.89	\$4,434.03
Plant Operator I	\$2,565.98	\$3,118.97
Plant Operator II	\$2,848.26	\$3,462.07
Plant Operator III	\$3,257.04	\$3,958.94
Plant Operator XL	\$4,016.32	\$4,156.90
Principal Engineer	\$4,640.11	\$6,090.14
Principal Financial Analyst	\$3,694.37	\$4,848.86
Purchasing Agent	\$3,637.65	\$4,774.42
Quality Coordinator	\$3,985.83	\$5,284.76

UNION SANITARY DISTRICT PAY SCHEDULE

Effective August 24, 2014		
(REVISED - 05/22/2017)		
Position Title	Minimum Bi-Weekly Pay Rate	Maximum Bi-Weekly Pay Rate
Receptionist	\$2,029.41	\$2,466.76
Senior Accountant	\$3,314.23	\$4,349.93
Senior Database Administrator / Developer	\$3,875.52	\$5,086.62
Senior Engineer	\$4,144.15	\$5,439.20
Senior Geographic Information System (GIS)/Database Administrator	\$3,875.52	\$5,086.62
Senior Information Technology Analyst	\$3,432.55	\$4,505.22
Senior Network Administrator	\$3,785.53	\$4,968.51
Senior Planner/Scheduler	\$3,648.47	\$4,788.62
Senior Process Engineer	\$4,144.15	\$5,439.20
Storekeeper I	\$2,853.67	\$3,468.66
Storekeeper II	\$2,996.34	\$3,642.08
Technical Training Program Manager	\$3,625.89	\$4,758.98
Utility Worker	\$2,190.65	\$2,662.75
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: _____
 President, Board of Directors

Date: _____

UNION SANITARY DISTRICT PAY SCHEDULE

Effective December 8, 2014		
(REVISED - 05/22/2017)		
Position Title	Minimum Bi-Weekly Pay Rate	Maximum Bi-Weekly Pay Rate
Accounting Tech Specialist	\$2,938.38	\$3,571.62
Accounting Technician II	\$2,611.90	\$3,174.78
Administrative Specialist I	\$2,320.92	\$2,821.10
Administrative Specialist II	\$2,443.06	\$2,969.57
Assistant Engineer	\$3,427.81	\$4,499.00
Assistant to the General Manager	\$2,924.79	\$3,838.79
Assistant Storekeeper	\$2,256.82	\$2,743.18
Associate Engineer	\$3,821.77	\$5,016.08
Buyer I	\$2,455.78	\$3,223.21
Buyer II	\$2,889.16	\$3,792.02
Chemist I	\$3,193.43	\$3,881.64
Chemist II	\$3,353.11	\$4,075.73
Coach, Business Services	\$4,426.46	\$5,809.72
Coach, Capital Improvement Projects	\$5,128.54	\$6,731.21
Coach, Collection Services	\$4,105.64	\$5,388.65
Coach, Customer Service	\$4,580.38	\$6,027.79
Coach, Electrical & Instrumentation	\$4,150.57	\$5,447.62
Coach, Environmental Compliance	\$4,120.45	\$5,408.09
Coach - Mechanical Maintenance	\$4,032.52	\$5,292.68
Coach, Research & Support/Sr. Process Engineer	\$4,580.38	\$6,011.74
Coach, Total Plant Operations	\$4,063.75	\$5,333.68
Collection System Worker I	\$2,397.86	\$2,914.61
Collection System Worker II	\$2,637.65	\$3,206.08
Communications Coordinator	\$3,257.39	\$3,959.38
Construction Inspector I	\$2,790.06	\$3,391.33
Construction Inspector II	\$3,069.05	\$3,730.45
Construction Inspector III	\$3,191.82	\$3,879.68
Customer Service Fee Analyst	\$2,652.14	\$3,223.70
Engineering Technician I	\$2,692.06	\$3,272.21
Engineering Technician II	\$2,961.26	\$3,599.42
Engineering Technician III	\$3,257.39	\$3,959.38
Environmental Compliance (EC) Inspector I	\$2,635.74	\$3,203.75
Environmental Compliance (EC) Inspector II	\$2,965.26	\$3,604.30
Environmental Compliance (EC) Inspector III	\$3,291.44	\$4,000.77
Environmental Compliance (EC) Inspector IV	\$3,521.84	\$4,280.82
Environmental Control (EC) Outreach Representative	\$3,291.44	\$4,000.77

Effective December 8, 2014

(REVISED - 05/22/2017)

Position Title	Minimum Bi-Weekly Pay Rate	Maximum Bi-Weekly Pay Rate
Environmental Health and Safety Program Manager	\$3,798.63	\$5,001.64
Environmental Program Coordinator	\$3,728.03	\$4,893.04
Fleet Mechanic I	\$2,658.62	\$3,231.57
Fleet Mechanic II	\$2,977.66	\$3,619.36
General Manager	\$7,074.72	\$9,285.56
Human Resources Administrator	\$4,591.87	\$6,031.63
Human Resources Analyst	\$3,210.96	\$4,269.51
Information Technology Administrator	\$4,367.30	\$5,732.08
Information Technology Analyst	\$3,089.29	\$4,054.70
Instrument Tech/Electrician	\$3,274.86	\$3,980.62
Janitor	\$1,778.16	\$2,161.36
Junior Engineer	\$3,085.03	\$4,049.10
Laboratory Director	\$3,972.02	\$4,828.02
Lead Collection System Worker	\$2,901.42	\$3,526.69
Maintenance Assistant	\$1,142.49	\$1,388.70
Manager, Business Services	\$6,291.21	\$8,257.22
Manager, Collection Services	\$5,528.78	\$7,256.52
Manager, Collection Services*	\$5,827.56	\$7,717.35
Manager, Maintenance	\$5,528.78	\$7,256.52
Manager, Technical Services	\$6,107.76	\$8,016.44
Manager, Treatment & Disposal Services	\$5,528.78	\$7,256.52
Manager, Treatment & Disposal Services *	\$5,827.56	\$7,735.81
Mechanic I	\$2,689.63	\$3,269.26
Mechanic II	\$3,012.40	\$3,661.59
Mechanic XL	\$3,714.66	\$3,844.68
Organizational Performance Program Manager	\$3,985.83	\$5,363.77
Painter	\$2,764.26	\$3,359.97
Planner/Scheduler I	\$3,088.00	\$3,753.49
Planner/Scheduler II	\$3,320.65	\$4,036.27
Plant Operations Trainer	\$3,647.89	\$4,434.03
Plant Operator I	\$2,565.98	\$3,118.97
Plant Operator II	\$2,848.26	\$3,462.07
Plant Operator III	\$3,257.04	\$3,958.94
Plant Operator XL	\$4,016.32	\$4,156.90
Principal Engineer	\$4,640.11	\$6,090.14
Principal Financial Analyst	\$3,694.37	\$4,874.40
Purchasing Agent	\$3,637.65	\$4,774.42
Receptionist	\$2,029.41	\$2,466.76

Effective December 8, 2014

(REVISED - 05/22/2017)

Position Title	Minimum Bi-Weekly Pay Rate	Maximum Bi-Weekly Pay Rate
Senior Accountant	\$3,314.23	\$4,349.93
Senior Database Administrator / Developer	\$3,875.52	\$5,086.62
Senior Engineer	\$4,144.15	\$5,439.20
Senior Geographic Information System (GIS)/Database Administrator	\$3,875.52	\$5,086.62
Senior Information Technology Analyst	\$3,432.55	\$4,505.22
Senior Network Administrator	\$3,785.53	\$4,968.51
Senior Planner/Scheduler	\$3,648.47	\$4,788.62
Senior Process Engineer	\$4,144.15	\$5,439.20
Storekeeper I	\$2,853.67	\$3,468.66
Storekeeper II	\$2,996.34	\$3,642.08
Technical Training Program Manager	\$3,625.89	\$4,758.98
Utility Worker	\$2,190.65	\$2,662.75

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.

* Pay rates will no longer be used after December 30, 2014.

Approved by: _____
 President, Board of Directors

Date: _____



Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

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

Karen W. Murphy
Attorney

DATE: May 15, 2017

MEMO TO: Board of Directors - Union Sanitary District

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

SUBJECT: Agenda Item No. 11 - Meeting of May 22, 2017
Consider a Resolution to Accept a Sanitary Sewer Easement for Tract 8166 – Cedar Townhomes, Located at the northeast corner of Cedar Boulevard and Mowry School Road in the City of Newark

Recommendation

Consider a resolution to accept a sanitary sewer easement for Tract 8166 – Cedar Townhomes, located at the northeast corner of Cedar Boulevard and Mowry School Road in the city of Newark.

Background

CDCG 3 HOV LP is constructing eighty-five townhome units for Tract 8166, at the northeast corner of Cedar Boulevard and Mowry School Road, in the city of Newark. A vicinity map is attached. Sanitary sewer service to the residential development will be provided by new 8-inch mains in the development's private roadways, that connect to an existing 10-inch main in Cedar Boulevard. The roadways of the development do not meet the City of Newark's street dimensions and structure setback requirements for public streets and were, therefore, designated as private streets. CDCG 3 HOV LP has constructed the new 8-inch sewer mains and has granted the District a sanitary sewer easement that provides for access, maintenance and service of the new sewer mains in the common private roadways of the development.

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

PRE/SEG/RA/RS:ks

Attachments: Vicinity Map
Resolution
Grant of Easement with Exhibits A and B



Vicinity Map, Tract 8166 - Cedar Townhomes Grant of Easement



Legend

- Railroad / BART
 - <all other values>
 - BART
- Public Right of Way
- Private Right of Way
- Parcels
 - <all other values>
 - Alameda Cnty Flood Cntrl
- New Sewer Easement
- New Sewer Main

137.4 0 68.70 137.4 Feet



1: 1,649



Printed: 5/12/2016 12:17 PM

For USD use only

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

Notes

RESOLUTION NO. _____

**ACCEPT A SANITARY SEWER EASEMENT
FOR TRACT 8166 – CEDAR TOWNHOMES,
LOCATED AT THE NORTHEAST CORNER OF CEDAR BOULEVARD AND
MOWRY SCHOOL ROAD
IN THE CITY OF NEWARK, CALIFORNIA**

RESOLVED by the Board of Directors of UNION SANITARY DISTRICT, that it hereby accepts the Grant of Easement from CDCG 3 HOV LP, executed on May 20, 2015, as described in the Grant of Easement for Sanitary Sewer Purposes and by attached Exhibit A and Exhibit B.

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

On motion duly made and seconded, this resolution was adopted by the following vote on May 22, 2017:

AYES:

NOES:

ABSENT:

ABSTAIN:

TOM HANDLEY
President, Board of Directors
Union Sanitary District

Attest:

ANJALI LATHI
Secretary, Board of Directors
Union Sanitary District

GRANT OF EASEMENT

FOR SANITARY SEWER PURPOSES

THIS INDENTURE, made this 20th day of May 2015, by and between CDCG 3 HOV LP, a Delaware limited partnership, the Party of the First Part, and UNION SANITARY DISTRICT, the Party of the Second Part,

WITNESSETH:

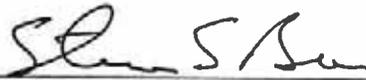
That said Party of the First Part does hereby grant to the Party of the Second Part and to its successors and assigns forever, for the use and purposes herein stated, the rights of way and easements hereinafter described, located in the City of Newark, County of Alameda, State of California:

See Exhibit "A" and Exhibit "B"

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

IN WITNESS WHEREOF the said Party of the First Part has executed this indenture the day and year first above written.

CDCG 3 HOV LP,
a Delaware limited partnership



Signature

By: Steven S. Benson
the manager of CDCG Asset Management, LLC, an
Arizona limited liability company, the Authorized Agent
of CDCG 3 HOV LP, a Delaware limited partnership

(Notarize)

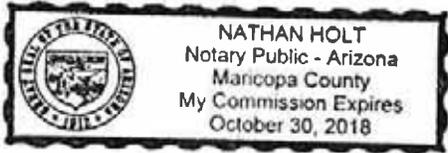
Grant of Easement - Cedar Lane
May 20, 2015
Page 2

STATE OF ARIZONA)
) ss.
COUNTY OF MARICOPA)

The foregoing instrument was acknowledged before me this 20th day of May 2015, by Steven S. Benson, the manager of CDCG Asset Management, LLC, an Arizona limited liability company, the Authorized Agent of CDCG 3 HOV LP, a Delaware limited partnership, for and on behalf thereof.

Nathan Holt
Notary Public

October 30, 2018
My commission expires



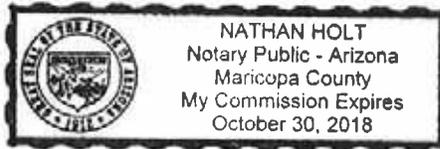
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of Arizona

County of Maricopa

On May 20, 2015, before me, Nathan Holt, personally appeared Steven S. Benson who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Nathan Holt
_____, Notary Public

(Seal)

**EXHIBIT A
LEGAL DESCRIPTION
SANITARY SEWER EASEMENT CONVEYED TO UNION SANITARY DISTRICT
TRACT 8166
NEWARK, CALIFORNIA**

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

BEING ALL OF PARCELS B, C, D, E, F, G, H, I, J AND M, LABELED AS SSE - SANITARY SEWER EASEMENT, OF TRACT 8166 FILED IN BOOK 331 OF MAPS AT PAGES 95-100, ALAMEDA COUNTY RECORDS AND SHOWN ON EXHIBIT B - PLAT MAP OF SANITARY SEWER EASEMENT GRANTED TO UNION SANITARY DISTRICT.

CONTAINING 51,790 SQUARE FEET OF LAND, MORE OR LESS.

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

END OF DESCRIPTION



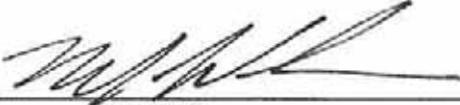

MARK H. WEHBER, P.L.S.
L.S. NO. 7960

EXHIBIT B

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

Carlson, Barbee & Gibson, Inc.

CIVIL ENGINEERS • SURVEYORS • PLANNERS
SAN RAMON, CALIFORNIA

SCALE: 1" = 30' APRIL 2015



BASIS OF BEARINGS:

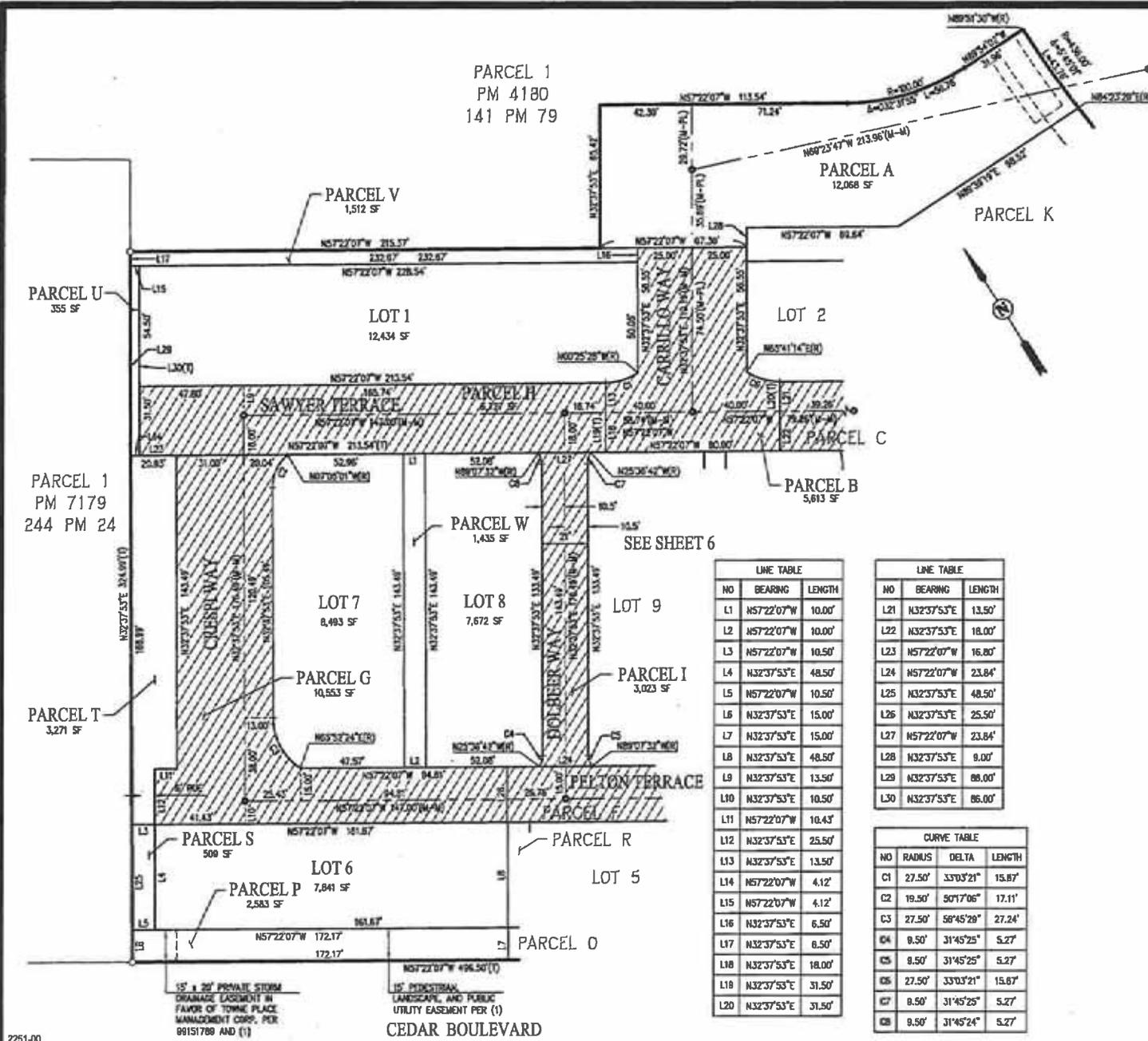
THE BASIS OF BEARINGS FOR THIS SURVEY IS DETERMINED BY FOUND MONUMENTS SHOWN HEREON IN CEDAR BOULEVARD, THE BEARING BEING N57°22'07"W PER PARCEL MAP 7170 (244 PM 24).

LEGEND

- BOUNDARY LINE
- RIGHT OF WAY LINE
- LOT LINE
- EASEMENT LINE
- CENTERLINE/MONUMENT LINE
- MONUMENT LINE ONLY
- RADIAL
- TOTAL
- MONUMENT TO MONUMENT
- MONUMENT TO PROPERTY LINE
- FOUND STANDARD STREET MONUMENT, AS NOTED
- SET STANDARD STREET MONUMENT, LS 7438
- SET 5/8" REBAR AND CAP, LS 7438
- FOUND IRON PIPE, AS NOTED
- SANITARY SEWER EASEMENT AREA

REFERENCES:

- (#) INDICATES REFERENCE NUMBER
- (1) PARCEL MAP 7170 (244 PM 24)



2251-00

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

NO	BEARING	LENGTH
L1	N32°37'51"E	13.50'
L2	N57°22'07"W	11.80'
L3	N57°22'07"W	18.13'
L4	N57°22'07"W	10.38'
L5	N32°37'53"E	33.50'
L6	N32°37'53"E	13.50'
L7	N57°22'07"W	10.00'
L8	N57°22'07"W	10.00'
L9	N57°22'07"W	10.00'
L10	N57°22'07"W	10.00'
L11	N32°37'53"E	48.50'
L12	N32°37'53"E	48.50'
L13	N57°22'07"W	10.00'
L14	N57°22'07"W	18.44'
L15	N57°22'07"W	17.41'

NO	BEARING	LENGTH
L16	N48°11'37"W	14.07'
L17	N57°22'07"W	13.92'
L18	N32°37'53"E	48.50'
L19	N57°22'07"W	10.00'
L20	N32°37'53"E	48.50'
L21	N32°37'53"E	25.50'
L22	N32°37'53"E	15.00'
L23	N32°37'53"E	25.50'
L24	N57°22'07"W	11.92'
L25	N57°22'07"W	11.92'
L26	N57°22'07"W	17.41'
L27	N57°22'07"W	11.92'
L28	N32°37'53"E	15.00'
L29	N32°37'53"E	10.50'
L30	N57°22'07"W	23.84'

NO	BEARING	LENGTH
L31	N57°22'07"W	28.76'
L32	N57°22'07"W	11.92'
L33	N32°37'53"E	15.00'
L34	N32°37'53"E	15.00'

NO	RADIUS	DELTA	LENGTH
C1	9.50'	31°45'28"	5.27'
C2	9.50'	31°45'25"	5.27'
C3	438.00'	0°51'13"	8.50'
C4	20.00'	90°00'00"	31.42'
C5	20.00'	75°31'21"	26.36'
C6	20.00'	14°28'39"	5.05'
C7	9.50'	31°45'25"	5.27'
C8	9.50'	31°45'25"	5.27'
C9	9.50'	31°45'25"	5.27'
C10	9.50'	31°45'25"	5.27'
C11	9.50'	31°45'25"	5.27'
C12	27.50'	33°03'21"	15.87'

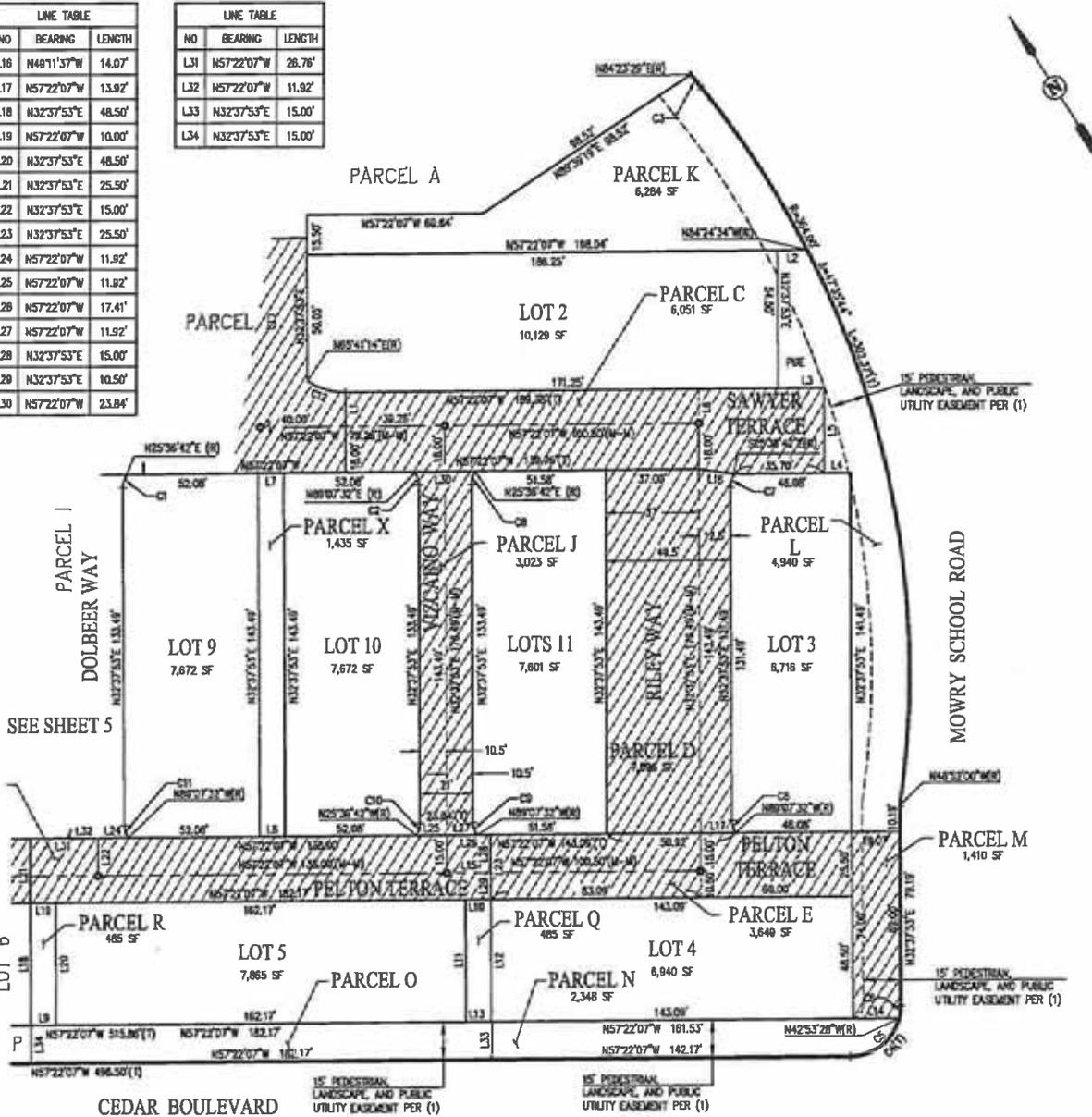


EXHIBIT B

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

Carlson, Barbee & Gibson, Inc.
CIVIL ENGINEERS • SURVEYORS • PLANNERS
SAN RAMON, CALIFORNIA

SCALE: 1" = 30' APRIL 2015



BASIS OF BEARINGS:

THE BASIS OF BEARINGS FOR THIS SURVEY IS DETERMINED BY FOUND MONUMENTS SHOWN HEREON IN CEDAR BOULEVARD, THE BEARING BEING N57°22'07"W PER PARCEL MAP 7178 (244 PM 24).

LEGEND

- BOUNDARY LINE
- RIGHT OF WAY LINE
- LOT LINE
- EASEMENT LINE
- CENTERLINE/MONUMENT LINE
- MONUMENT LINE ONLY
- RADIAL
- TOTAL
- MONUMENT TO MONUMENT
- MONUMENT TO PROPERTY LINE
- FOUND STANDARD STREET MONUMENT, AS NOTED
- SET STANDARD STREET MONUMENT, LS 7438
- SET 5/8" REBAR AND CAP, LS 7438
- FOUND IRON PIPE, AS NOTED
- SANITARY SEWER EASEMENT AREA

REFERENCES:

- (S) INDICATES REFERENCE NUMBER.
- (1) PARCEL MAP 7178 (244 PM 24)



Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

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

Karen W. Murphy
Attorney

DATE: May 15, 2017

MEMO TO: Board of Directors - Union Sanitary District

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

SUBJECT: Agenda Item No. 12 - Meeting of May 22, 2017
Consider a Resolution to Accept a Sanitary Sewer Easement for Tract 8193 – San Marino, Located along Fremont Boulevard west of Ferry Lane in the City of Fremont

Recommendation

Consider a resolution to accept a sanitary sewer easement for Tract 8193 – San Marino, located along Fremont Boulevard west of Ferry Lane in the city of Fremont.

Background

Van Daele Development of Northern California, Inc., is constructing 18 townhome units for Tract 8193, and renovating one existing historic house at 34653 Fremont Boulevard, located along Fremont Boulevard west of Ferry Lane in the city of Fremont. A vicinity map is attached. Sanitary sewer service to the residential development will be provided by new 8-inch mains in the development's private roadways, connected to an existing 8-inch main in Fremont Boulevard. The roadways of the development do not meet the City of Fremont's street dimensions and structure setback requirements for public streets and were, therefore, designated as private streets. Van Daele Development of Northern California, Inc., has constructed the new 8-inch sewer mains and has granted the District a sanitary sewer easement that provides for access, maintenance and service of the new sewer mains in the common private roadways of the development.

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

PRE/SEG/RA/RS:ks

Attachments: Vicinity Map
Resolution
Grant of Easement with Exhibits A and B



Vicinity Map, Tract 8193 - San Marino, Grant of Easement



Legend

- Railroad / BART
 - <all other values>
 - BART
- Public Right of Way
- Private Right of Way
- Parcels
 - <all other values>
 - Alameda Cnty Flood Cntrl
- New Sewer Easement
- New Sewer Main

73.3 0 36.64 73.3 Feet



1:879



Printed: 5/12/2017 12:15 PM

For USD use only

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

Notes

RESOLUTION NO. _____

**ACCEPT A SANITARY SEWER EASEMENT
FOR TRACT 8193 – SAN MARINO,
LOCATED ALONG FREMONT BOULEVARD WEST OF FERRY LANE IN THE
CITY OF FREMONT, CALIFORNIA**

RESOLVED by the Board of Directors of UNION SANITARY DISTRICT, that it hereby accepts the Grant of Easement from VAN DAELE DEVELOPMENT OF NORTHERN CALIFORNIA, INC., executed on November 6, 2015, as described in the Grant of Easement for Sanitary Sewer Purposes and by attached Exhibit A and Exhibit B.

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

On motion duly made and seconded, this resolution was adopted by the following vote on May 22, 2017:

AYES:

NOES:

ABSENT:

ABSTAIN:

TOM HANDLEY
President, Board of Directors
Union Sanitary District

Attest:

ANJALI LATHI
Secretary, Board of Directors
Union Sanitary District

GRANT OF EASEMENT
FOR SANITARY SEWER PURPOSES

THIS INDENTURE, made this 6 day of November, 2015, by and between Van Daele Development of Northern California, Inc., a California corporation, the Party/Parties of the First Part, and Union Sanitary District, the Party/Parties of the Second Part,

WITNESSETH:

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

See Exhibit "A" and Exhibit "B"

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

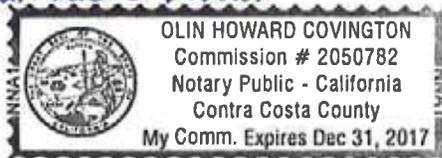
IN WITNESS WHEREOF the said Party/Parties of the First Part have executed this indenture the day and year first above written.



Signature

By: Brian Hardy, VP of Operations
Party/Parties of the First Part
Van Daele Development of Northern CA, Inc.

(Notarize)



Olin Howard Covington
NOVEMBER 12, 2015

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

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

State of California

County of CONTRA COSTA)

On NOVEMBER 12, 2015 before me Olin Howard Covington, Notary Public (insert name & title of the officer)

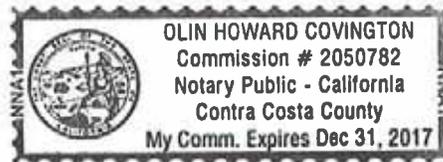
personally appeared:

BRIAN HARDY

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

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

WITNESS my hand and official seal.



Signature Olin Howard Covington (Seal)

SEPTEMBER 18, 2015
JOB NO.: 2427-000

**EXHIBIT A
LEGAL DESCRIPTION
SANITARY SEWER EASEMENT CONVEYED TO UNION SANITARY DISTRICT
TRACT 8193
FREMONT, CALIFORNIA**

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

BEING ALL OF PARCEL D OF TRACT 8193, RECORDED JAN. 22, 2016 FILED IN BOOK 357 OF MAPS, AT PAGE 68-73, ALAMEDA COUNTY RECORDS AND SHOWN ON EXHIBIT B - PLAT MAP OF SANITARY SEWER EASEMENT GRANTED TO UNION SANITARY DISTRICT.

CONTAINING 9,660 SQUARE FEET OF LAND, MORE OR LESS.

END OF DESCRIPTION



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



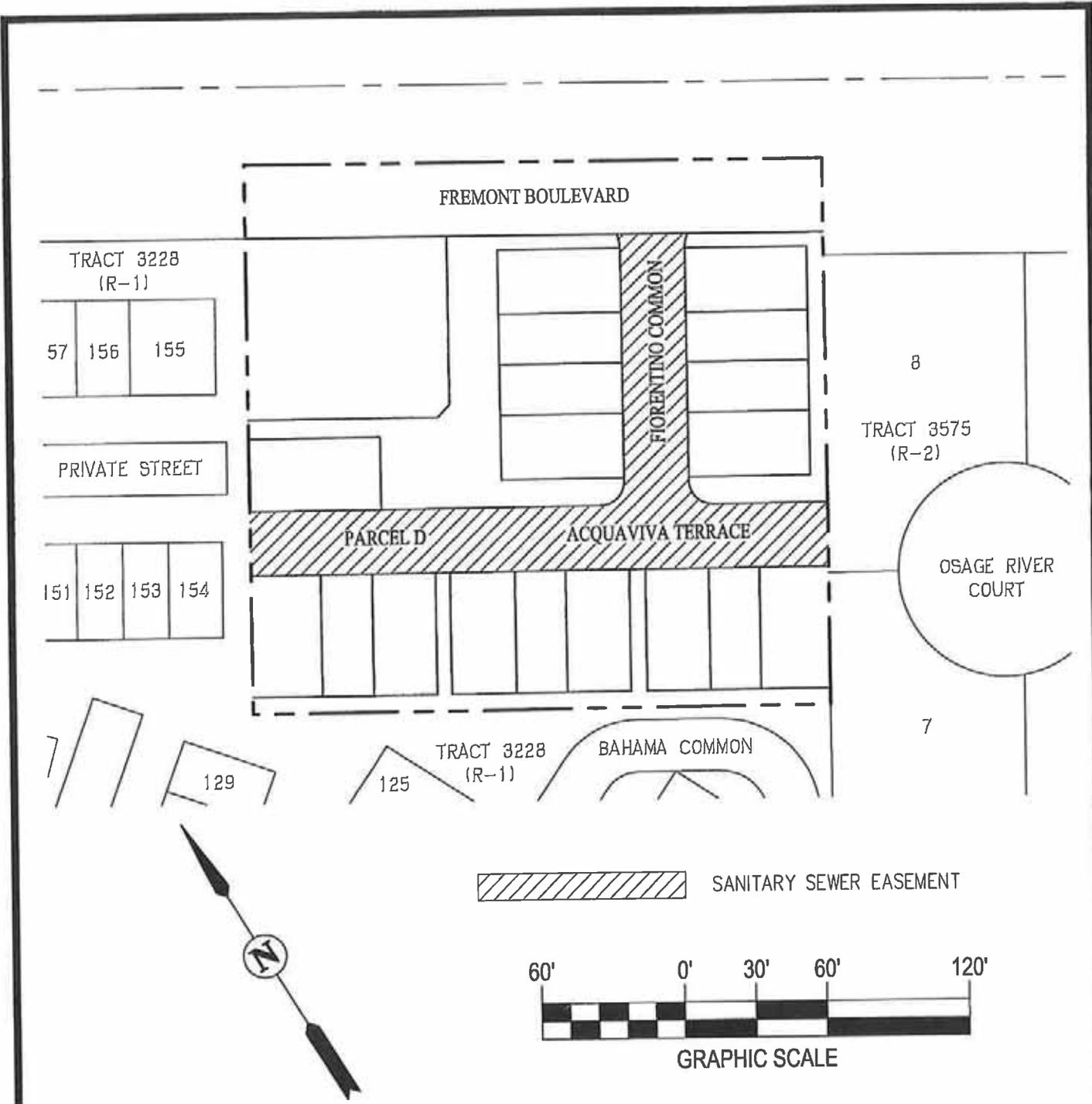


EXHIBIT B
PLAT TO ACCOMPANY LEGAL DESCRIPTION

PLAT MAP OF TRACT 8193 SANITARY SEWER EASEMENT
 GRANTED TO UNION SANITARY DISTRICT
 FREMONT, CALIFORNIA

SEPTEMBER 18, 2015

SHEET 1 OF 1

Carlson, Barbee & Gibson, Inc.
 CIVIL ENGINEERS • SURVEYORS • PLANNERS
 2633 CAMINO RAMON, SUITE 350
 SAN RAMON, CALIFORNIA, (925) 866-0322



Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

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

Karen W. Murphy
Attorney

DATE: May 15, 2017

MEMO TO: Board of Directors - Union Sanitary District

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

SUBJECT: Agenda Item No. 13 - Meeting of May 22, 2017
Consider a Resolution to Accept a Sanitary Sewer Easement for Tract 8212 – Classics at Ruschin, located along Ruschin Drive between Rosewood Drive and McDonald Avenue in the City of Newark

Recommendation

Consider a resolution to accept a sanitary sewer easement for Tract 8212 – Classics at Ruschin, located along Ruschin Drive between Rosewood Drive and McDonald Avenue in the city of Newark.

Background

Classic 36120 Ruschin LP, is constructing 77 single family residential units for Tract 8212, located along Ruschin Drive between Rosewood Drive and McDonald Avenue in the city of Newark. A vicinity map is attached. Sanitary sewer service to the residential development will be provided by new 8-inch mains in the development's private roadways, connected to an existing 8-inch main in Ruschin Drive. The roadways of the development do not meet the City of Newark's street dimensions and structure setback requirements for public streets and were, therefore, designated as private streets. Classic 36120 Ruschin LP has constructed the new 8-inch sewer mains and has granted the District a sanitary sewer easement that provides for access, maintenance and service of the new sewer mains in the common private roadways of the development.

Agenda Item No. 13
Meeting of May 22, 2017
Page 2

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

PRE/SEG/RA/RS:ks

Attachments: Vicinity Map
Resolution
Grant of Easement with Exhibits A and B

RESOLUTION NO. _____

**ACCEPT A SANITARY SEWER EASEMENT
FOR TRACT 8212 – CLASSICS AT RUSCHIN, LOCATED ALONG
RUSCHIN DRIVE BETWEEN ROSEWOOD DRIVE AND MCDONALD AVENUE
IN THE CITY OF NEWARK, CALIFORNIA**

RESOLVED by the Board of Directors of UNION SANITARY DISTRICT, that it hereby accepts the Grant of Easement from CLASSIC 36120 RUSCHIN LP, executed on March 10, 2016, as described in the Grant of Easement for Sanitary Sewer Purposes and by attached Exhibit A and Exhibit B.

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

On motion duly made and seconded, this resolution was adopted by the following vote on May 22, 2017:

AYES:

NOES:

ABSENT:

ABSTAIN:

TOM HANDLEY
President, Board of Directors
Union Sanitary District

Attest:

ANJALI LATHI
Secretary, Board of Directors
Union Sanitary District

GRANT OF EASEMENT
FOR SANITARY SEWER PURPOSES

THIS INDENTURE, made this 10th day of March, 2016, by and between Classic 36120 Ruschin L.P., a California Limited Partnership, the Party/Parties of the First Part, and Union Sanitary District, the Party/Parties of the Second Part,

WITNESSETH:

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

See Exhibit "A" and Exhibit "B"

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

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



Signature



Signature

By: Manuel Enrique
(Print or type name and title of signatory) CFO

By: Adam Kates, Vice Pres.
(Print or type name and title of signatory)

Classic Communities, Inc, A California Corporation

Classic Communities, Inc, A California Corporation

(Notarize)

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

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

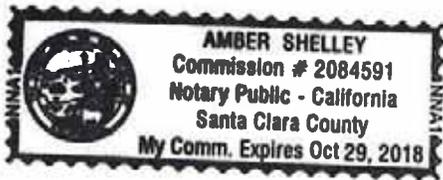
State of California)
County of Santa Clara)

On March 10, 2016 before me, Amber Shelley, Notary Public
Date Here Insert Name and Title of the Officer
personally appeared Adam Kates, Michael Emrick
Name(s) of Signer(s)

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

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

WITNESS my hand and official seal.



Signature Amber Shelley
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

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

Description of Attached Document

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

Capacity(ies) Claimed by Signer(s)

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

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

EXHIBIT A
LEGAL DESCRIPTION
SANITARY SEWER EASEMENT CONVEYED TO UNION SANITARY DISTRICT
TRACT 8212
NEWARK, CALIFORNIA

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

BEING A PORTION OF PARCEL A, LABELED AS SSE – SANITARY SEWER EASEMENT, OF TRACT 8212 FILED
IN BOOK 339 OF MAPS AT PAGES 1-9, ALAMEDA COUNTY RECORDS AND SHOWN ON EXHIBIT B – PLAT
MAP OF SANITARY SEWER EASEMENT GRANTED TO UNION SANITARY DISTRICT,

CONTAINING **109,545** SQUARE FEET OF LAND, MORE OR LESS.

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

THIS DESCRIPTION WAS PREPARED BY ME OR UNDER MY DIRECTION.

BY: 

DAVIS THRESH
P.L.S. No. 6868



DATED: 3.10.2016

EXHIBIT B

PLAT MAP OF SANITARY SEWER EASEMENT GRANTED TO UNION SANITARY DISTRICT

CITY OF NEWARK
ALAMEDA COUNTY, CALIFORNIA

SCALE: 1" = 30'

DATE: FEBRUARY 2016



BASIS OF BEARINGS

THE BEARING N61°50'14" OF THE MONUMENT LINE OF RUSCHIN DRIVE, BETWEEN FOUND MONUMENTS, AS SAID BEARING IS SHOWN ON THAT CERTAIN MAP OF TRACT 2152, FILED AUGUST 4, 1960 IN BOOK 42 OF MAPS AT PAGE 35, RECORDS OF ALAMEDA COUNTY, WAS TAKEN AS THE BASIS OF BEARINGS FOR THIS MAP.

MAP NOTES

- ALL DISTANCES AND DIMENSIONS ARE IN FEET AND DECIMALS THEREOF.
- THE DISTINCTIVE BORDER LINE INDICATES THE BOUNDARY OF THE LAND SUBDIVIDED BY THIS MAP AND CONTAINS AN AREA OF 10,550 ACRES, MORE OR LESS.
- ALL EASEMENT LINES WITHOUT BEARINGS ARE PARALLEL WITH AND/OR PERPENDICULAR TO THE LOT LINE OR BOUNDARY LINE.

LEGEND

- ⊙ FOUND MONUMENT AS NOTED ON MAP
- ⊙ SET 2-1/2" BRASS DISK MONUMENT WITH PUNCH MARK IN CONCRETE BASE, INSIDE MONUMENT WELL STAMPED "LS 6868"
- ⊙ SET 3/4" IRON PIPE WITH PLASTIC PLUG AND TACK, STAMPED "LS 6868"
- DISTINCTIVE BOUNDARY LINE
- MONUMENT LINE
- CENTER LINE
- EASEMENT LINE
- TE LINE
- /// S.S.E.

- M-M MONUMENT TO MONUMENT DISTANCE
- (R) RADIAL BEARING
- (T) TOTAL DISTANCE
- P.U.E. PUBLIC UTILITY EASEMENT
- P.I.E.E. PRIVATE INGRESS, EGRESS EASEMENT
- E.V.A.E. EMERGENCY VEHICLE ACCESS EASEMENT
- P.S.L.E. PRIVATE STREET LIGHT EASEMENT
- P.S.D.E. PRIVATE STORM DRAIN EASEMENT
- S.S.E. SANITARY SEWER EASEMENT
- S.D.E. STORM DRAIN EASEMENT
- W.L.E. WATER LINE EASEMENT

LINE	BEARING	LENGTH
L1	N89°22'27"E	19.85
L11	N82°24'47"E	2.80
L12	N82°24'47"E	20.47
L14	N82°24'47"E	21.17
L22	N82°24'47"E	28.48
L30	N82°24'47"E	21.72
L31	N82°24'47"E	20.14
L32	N82°24'47"E	20.00
L33	N82°24'47"E	8.68
L34	N82°24'47"E	14.14
L35	N82°24'47"E	11.88
L36	N82°24'47"E	8.20
L38	N82°24'47"E	11.24
L39	N82°24'47"E	8.64



FOUND MONUMENT PIN INSIDE MONUMENT WELL

MCDONALD AVENUE (60' WIDE)

M-M 100.918' ± 1/4" ± 2.22"

M-M 282.78' ± 282.78' M-M



SEE SHEET 2 OF 6

SEE SHEET 6 OF 6

CURVE	RADIUS	DELTA	LENGTH
C17	30.00'	89°58'10"	4.24'
C18	30.00'	174°11'	8.26'
C19	30.00'	32°58'41"	23.79'
C20	30.00'	29°52'25"	15.24'
C21	30.00'	26°36'30"	25.81'
C22	20.50'	45°28'24"	18.28'
C23	20.50'	44°50'19"	18.78'

TRACT 8212
SHEET 1 OF 6

EXHIBIT B

PLAT MAP OF SANITARY SEWER EASEMENT GRANTED TO UNION SANITARY DISTRICT

CITY OF NEWARK
ALAMEDA COUNTY, CALIFORNIA

SCALE: 1" = 30'

DATE: FEBRUARY 2016



ENGINEERS-SURVEYORS-PLANNERS
1430 TECHNOLOGY DRIVE, SUITE 400
SAN JOSE, CALIFORNIA 95110

BASIS OF BEARINGS

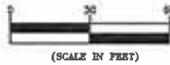
THE BEARING N15°30'41"E OF THE MONUMENT LINE OF RUSCHIN DRIVE, BETWEEN FOUND MONUMENTS, AS SAID BEARING IS SHOWN ON THAT CERTAIN MAP OF TRACT 2152, FILED AUGUST 4, 1960 IN BOOK 42 OF MAPS AT PAGE 35, RECORDS OF ALAMEDA COUNTY, WAS TAKEN AS THE BASIS OF BEARINGS FOR THIS MAP.

MAP NOTES

- ALL DISTANCES AND DIMENSIONS ARE IN FEET AND DECIMALS THEREOF.
- THE DISTINCTIVE BORDER LINE INDICATES THE BOUNDARY OF THE LAND SUBDIVIDED BY THIS MAP AND CONTAINS AN AREA OF 10.550 ACRES, MORE OR LESS.
- ALL EASEMENT LINES WITHOUT BEARINGS ARE PARALLEL WITH AND/OR PERPENDICULAR TO THE LOT LINE OR BOUNDARY LINE.

LEGEND

- ⊙ FOUND MONUMENT AS NOTED ON MAP
- ⊙ SET 2-1/2" BRASS DISK MONUMENT WITH PUNCH MARK IN CONCRETE BASE, INSIDE MONUMENT WELL STAMPED "LS 6868"
- SET 3/4" IRON PIPE WITH PLASTIC PLUG AND TACK, STAMPED "LS 6868"
- DISTINCTIVE BOUNDARY LINE
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- MONUMENT LINE
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- EASEMENT LINE
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- S.S.E. SANITARY SEWER EASEMENT
- S.D.E. STORM DRAIN EASEMENT
- W.L.E. WATER LINE EASEMENT



LINE	BEARING	LENGTH
01	N39°22'41"E	24.72'
02	N39°22'41"E	7.90'
03	N44°39'03"E	20.47'
04	N39°22'41"E	11.17'
05	N39°22'41"E	28.55'
06	N39°22'41"E	20.96'
07	N44°39'03"E	31.88'
08	N39°22'41"E	8.80'
09	N61°50'14"E	2.67'
10	N39°22'41"E	11.74'
11	N08°05'46"E	8.64'

CURVE	RADIUS	DELTA	LENGTH
014	27.60'	48°25'32"	23.28'
017	30.00'	08°06'18"	4.24'
018	30.00'	17°41'12"	8.20'
022	30.00'	39°56'32"	20.91'
023	27.00'	82°30'12"	28.82'
037	20.50'	84°00'19"	15.74'
038	22.00'	37°05'11"	13.52'
040	30.00'	27°00'12"	16.87'



SEE SHEET 3 OF 6

SEE SHEET 5 OF 6

SEE SHEET 1 OF 6

TRACT 8212

SHEET 2 OF 6

EXHIBIT B

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

SCALE: 1" = 30'

DATE: FEBRUARY 2016



BASIS OF BEARINGS

THE BEARING N61°50'14"E OF THE MONUMENT LINE OF RUSCHIN DRIVE, BETWEEN FOUND MONUMENTS, AS SAID BEARING IS SHOWN ON THAT CERTAIN MAP OF TRACT 2152, FILED AUGUST 4, 1980 IN BOOK 42 OF MAPS AT PAGE 35, RECORDS OF ALAMEDA COUNTY, WAS TAKEN AS THE BASIS OF BEARINGS FOR THIS MAP.

MAP NOTES

- ALL DISTANCES AND DIMENSIONS ARE IN FEET AND DECIMALS THEREOF.
- THE DISTINCTIVE BORDER LINE INDICATES THE BOUNDARY OF THE LAND SUBDIVIDED BY THIS MAP AND CONTAINS AN AREA OF 10.550 ACRES, MORE OR LESS.
- ALL EASEMENT LINES WITHOUT BEARINGS ARE PARALLEL WITH AND/OR PERPENDICULAR TO THE LOT LINE OR BOUNDARY LINE.

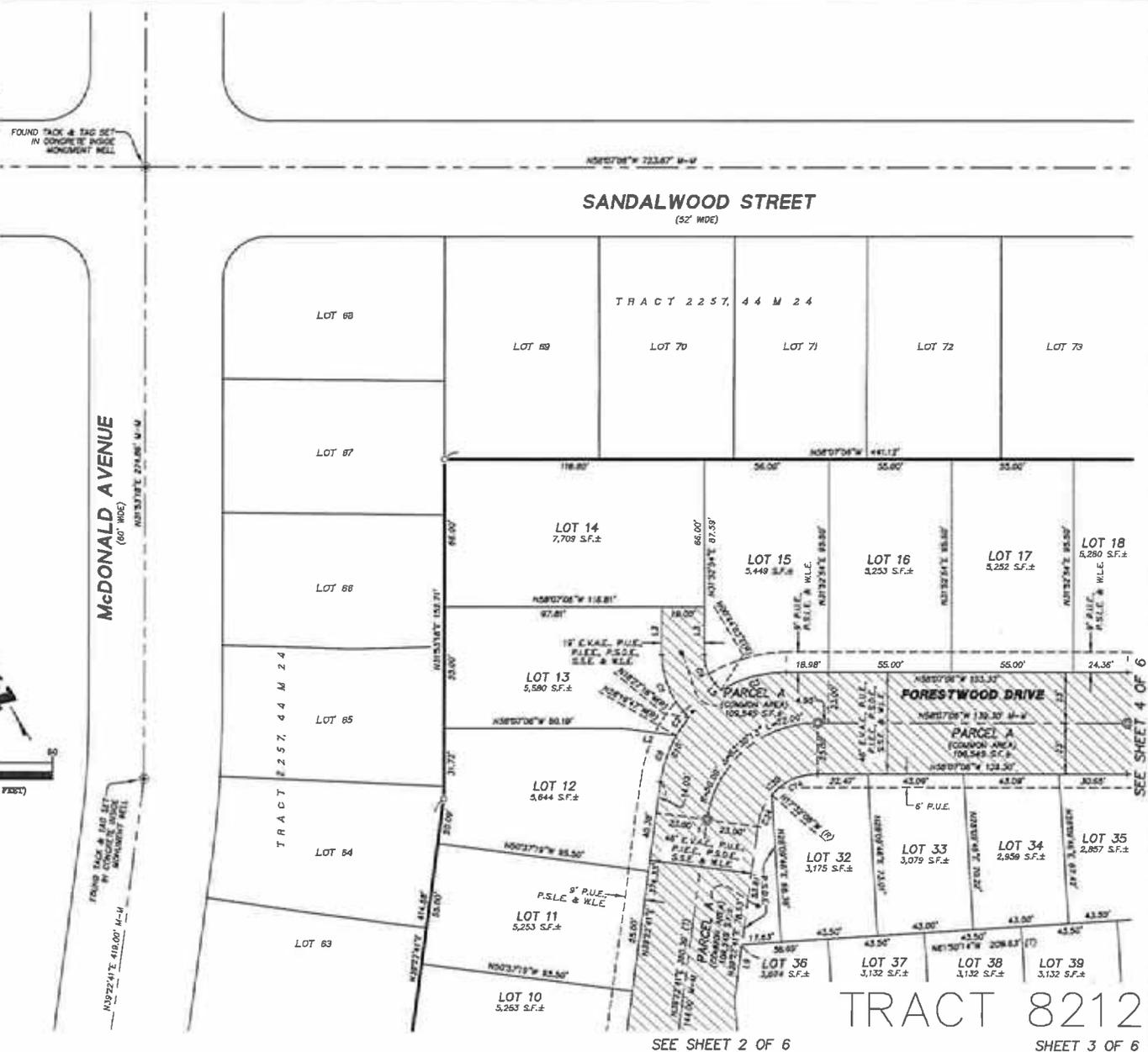
LEGEND

- ⊙ FOUND MONUMENT AS NOTED ON MAP
- ⊙ SET 2-1/2" BRASS DISK MONUMENT WITH PUNCH MARK IN CONCRETE BASE, INSIDE MONUMENT WELL STAMPED "LS 6866"
- SET 3/4" IRON PIPE WITH PLASTIC PLUG AND TACK, STAMPED "LS 6866"
- DISTINCTIVE BOUNDARY LINE
- LOT LINE
- MONUMENT LINE
- CENTER LINE
- EASEMENT LINE
- TIE LINE
- ▨ S.S.E.
- M-M MONUMENT TO MONUMENT DISTANCE
- (T) TOTAL DISTANCE
- (R) RADIAL BEARING
- P.U.E. PUBLIC UTILITY EASEMENT
- P.I.E.E. PRIVATE INGRESS, EGRESS EASEMENT
- E.V.A.E. EMERGENCY VEHICLE ACCESS EASEMENT
- P.S.L.E. PRIVATE STREET LIGHT EASEMENT
- P.S.D.E. PRIVATE STORM DRAIN EASEMENT
- S.S.E. SANITARY SEWER EASEMENT
- S.D.E. STORM DRAIN EASEMENT
- W.L.E. WATER LINE EASEMENT



LINE	BEARING	LENGTH
L2	N50°27'19"W	24.99'
L3	N2°53'34"E	21.89'
L4	N49°27'13"W	3.94'
L5	N49°27'13"W	3.96'
L9	N39°22'41"E	24.72'

CURVE	RADIUS	DELTA	LENGTH
C1	39.00'	41°15'09"	28.04'
C2	37.00'	09°32'26"	8.82'
C3	37.00'	21°08'34"	26.99'
C4	30.00'	41°15'09"	14.42'
C5	37.00'	22°17'32"	22.18'
C10	37.00'	22°19'09"	22.09'
C14	37.00'	49°25'09"	23.29'
C20	37.00'	87°30'13"	34.88'
C24	37.00'	23°28'17"	19.29'



SEE SHEET 2 OF 6

TRACT 8212
SHEET 3 OF 6

EXHIBIT B

PLAT MAP OF SANITARY SEWER EASEMENT GRANTED TO UNION SANITARY DISTRICT

CITY OF NEWARK
ALAMEDA COUNTY, CALIFORNIA

SCALE: 1" = 30'

DATE: FEBRUARY 2016



BASIS OF BEARINGS

THE BEARING N81°50'14"E OF THE MONUMENT LINE OF RUSCHIN DRIVE, BETWEEN FOUND MONUMENTS, AS SAID BEARING IS SHOWN ON THAT CERTAIN MAP OF TRACT 2152, FILED AUGUST 4, 1960 IN BOOK 42 OF MAPS AT PAGE 35, RECORDS OF ALAMEDA COUNTY, WAS TAKEN AS THE BASIS OF BEARINGS FOR THIS MAP.

MAP NOTES

1. ALL DISTANCES AND DIMENSIONS ARE IN FEET AND DECIMALS THEREOF.
2. THE DISTINCTIVE BORDER LINE INDICATES THE BOUNDARY OF THE LAND SUBDIVIDED BY THIS MAP AND CONTAINS AN AREA OF 10.550 ACRES, MORE OR LESS.
3. ALL EASEMENT LINES WITHOUT BEARINGS ARE PARALLEL WITH AND/OR PERPENDICULAR TO THE LOT LINE OR BOUNDARY LINE.

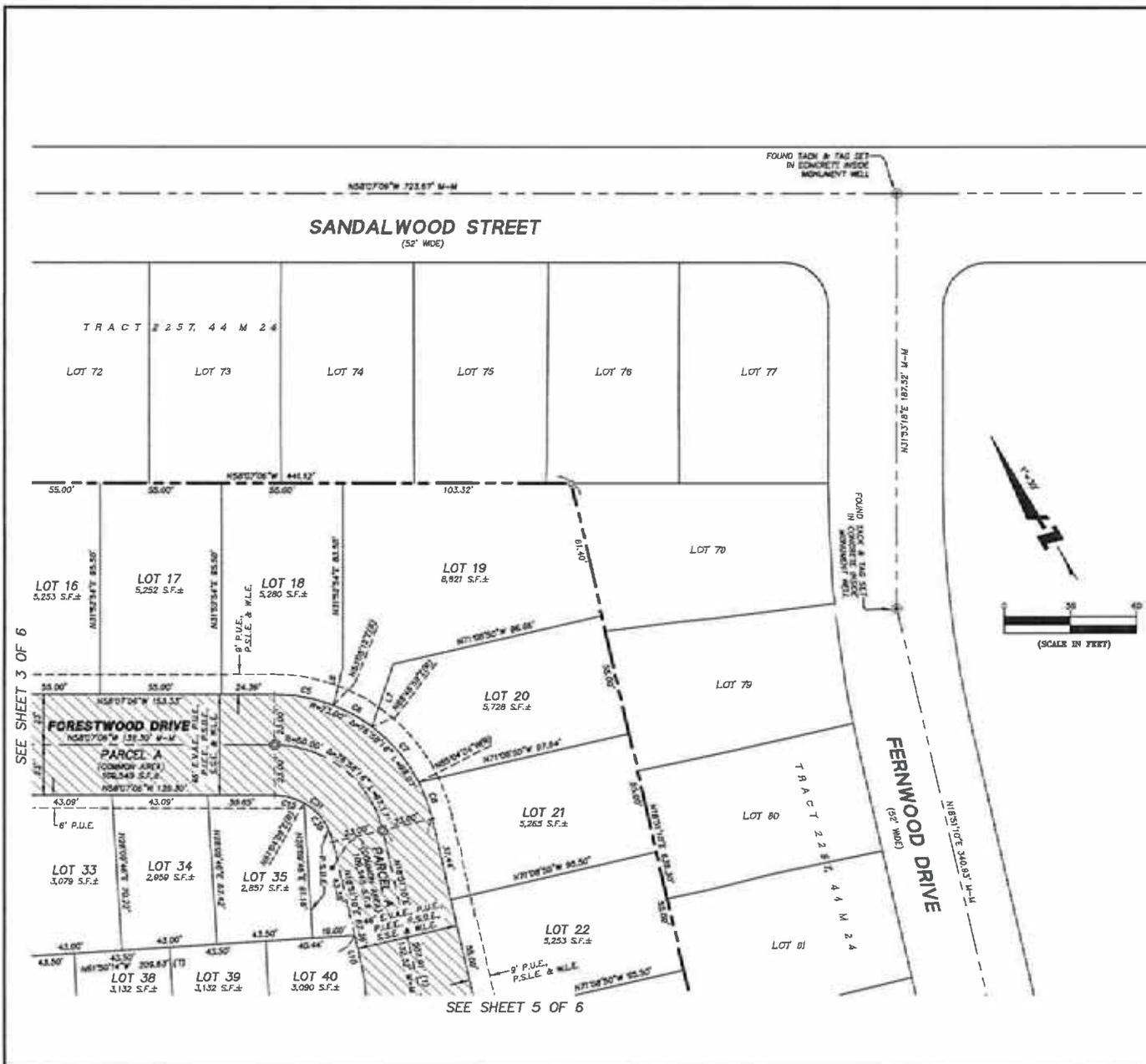
LEGEND

- ⊙ FOUND MONUMENT AS NOTED ON MAP
- ⊙ SET 2-1/2" BRASS DISK MONUMENT WITH PUNCH MARK IN CONCRETE BASE, INSIDE MONUMENT WELL STAMPED "LS 6868"
- SET 3/4" IRON PIPE WITH PLASTIC PLUG AND TACK, STAMPED "LS 6868"
- DISTINCTIVE BOUNDARY LINE
- LOT LINE
- MONUMENT LINE
- CENTER LINE
- EASEMENT LINE
- ▨ S.S.E.
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- E.V.A.E. EMERGENCY VEHICLE ACCESS EASEMENT
- P.S.L.E. PRIVATE STREET LIGHT EASEMENT
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- S.S.E. SANITARY SEWER EASEMENT
- S.D.E. STORM DRAIN EASEMENT
- W.L.E. WATER LINE EASEMENT



LINE	BEARING	LENGTH
L6	N45°25'35"E	17.42'
L7	N50°28'27"E	30.15'
L10	N68°17'07"E	18.92'

CURVE	RADIUS	DELTA	LENGTH
C5	71.00'	21°12'18"	22.62'
C6	71.00'	15°14'00"	20.60'
C7	33.00'	29°06'50"	33.32'
C8	33.00'	12°28'14"	17.74'
C9	27.00'	20°17'50"	13.75'
C11	27.00'	7°58'18"	36.32'
C12	27.00'	4°47'17"	39.82'
C14	30.00'	27°33'22"	14.43'



SEE SHEET 3 OF 6

SEE SHEET 5 OF 6

TRACT 8212

SHEET 4 OF 6

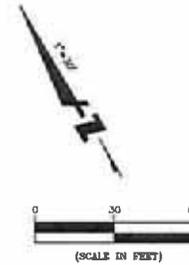
EXHIBIT B

PLAT MAP OF SANITARY SEWER EASEMENT GRANTED TO UNION SANITARY DISTRICT

CITY OF NEWARK
ALAMEDA COUNTY, CALIFORNIA

SCALE: 1" = 30'

DATE: FEBRUARY 2016



BASIS OF BEARINGS
THE BEARING N61°50'14"E OF THE MONUMENT LINE OF RUSCHIN DRIVE, BETWEEN FOUND MONUMENTS, AS SAID BEARING IS SHOWN ON THAT CERTAIN MAP OF TRACT 2152, FILED AUGUST 4, 1980 IN BOOK 42 OF MAPS AT PAGE 35, RECORDS OF ALAMEDA COUNTY, WAS TAKEN AS THE BASIS OF BEARINGS FOR THIS MAP.

MAP NOTES

1. ALL DISTANCES AND DIMENSIONS ARE IN FEET AND DECIMALS THEREOF.
2. THE DISTINCTIVE BORDER LINE INDICATES THE BOUNDARY OF THE LAND SUBDIVIDED BY THIS MAP AND CONTAINS AN AREA OF 10.550 ACRES, MORE OR LESS.
3. ALL EASEMENT LINES WITHOUT BEARINGS ARE PARALLEL WITH AND/OR PERPENDICULAR TO THE LOT LINE OR BOUNDARY LINE.

LEGEND

- ⊙ FOUND MONUMENT AS NOTED ON MAP
- ⊙ SET 2-1/2" BRASS DISK MONUMENT WITH PUNCH MARK IN CONCRETE BASE, INSIDE MONUMENT WELL STAMPED "LS 6868"
- SET 3/4" IRON PIPE WITH PLASTIC PLUG AND TACK, STAMPED "LS 6868"
- DISTINCTIVE BOUNDARY LINE
- LOT LINE
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- S.D.E. STORM DRAIN EASEMENT
- W.L.E. WATER LINE EASEMENT

LINE TABLE			CURVE TABLE			
LINE	BEARING	LENGTH	CURVE RADIUS	DELTA	LENGTH	
L1	N45°50'30"E	17.47	CS	73.00	37.378°	27.627
L2	N50°20'20"E	30.13	CS	73.00	15°11'47"	35.660
L3	N18°25'10"E	15.83	CS	73.00	24°05'57"	23.307
L4	N50°20'45"E	12.68	CS	73.00	13°55'14"	17.741
L5	N18°31'10"E	12.62	CS	27.00	29°11'15"	13.750
L6	N11°41'30"E	20.00	CS	30.00	26°32'20"	13.809
L7	N18°31'10"E	27.87	CS	30.00	10°22'26"	5.587
L8	N11°41'30"E	20.00	CS	30.00	24°19'26"	12.686
L9	N18°31'10"E	36.10	CS	30.00	1°23'36"	16.267
L10	N18°31'10"E	20.00	CS	30.00	30°32'46"	30.011
L11	N18°31'10"E	8.82	CS	27.00	78°58'14"	36.277
L12	N18°31'10"E	8.84	CS	27.00	47°47'21"	22.521
L13	N18°31'10"E	3.50	CS	30.00	27°33'22"	14.431

TRACT 8212

SHEET 5 OF 6



SEE SHEET 4 OF 6

SEE SHEET 2 OF 6

SEE SHEET 6 OF 6

EXHIBIT B

PLAT MAP OF SANITARY SEWER EASEMENT GRANTED TO UNION SANITARY DISTRICT

CITY OF NEWARK
ALAMEDA COUNTY, CALIFORNIA

SCALE: 1" = 30'

DATE: FEBRUARY 2016



BASIS OF BEARINGS

THE BEARING N61°50'14"E OF THE MONUMENT LINE OF RUSCHIN DRIVE, BETWEEN FOUND MONUMENTS, AS SAID BEARING IS SHOWN ON THAT CERTAIN MAP OF TRACT 2152, FILED AUGUST 4, 1950 IN BOOK 42 OF MAPS AT PAGE 35, RECORDS OF ALAMEDA COUNTY, WAS TAKEN AS THE BASIS OF BEARINGS FOR THIS MAP.

MAP NOTES

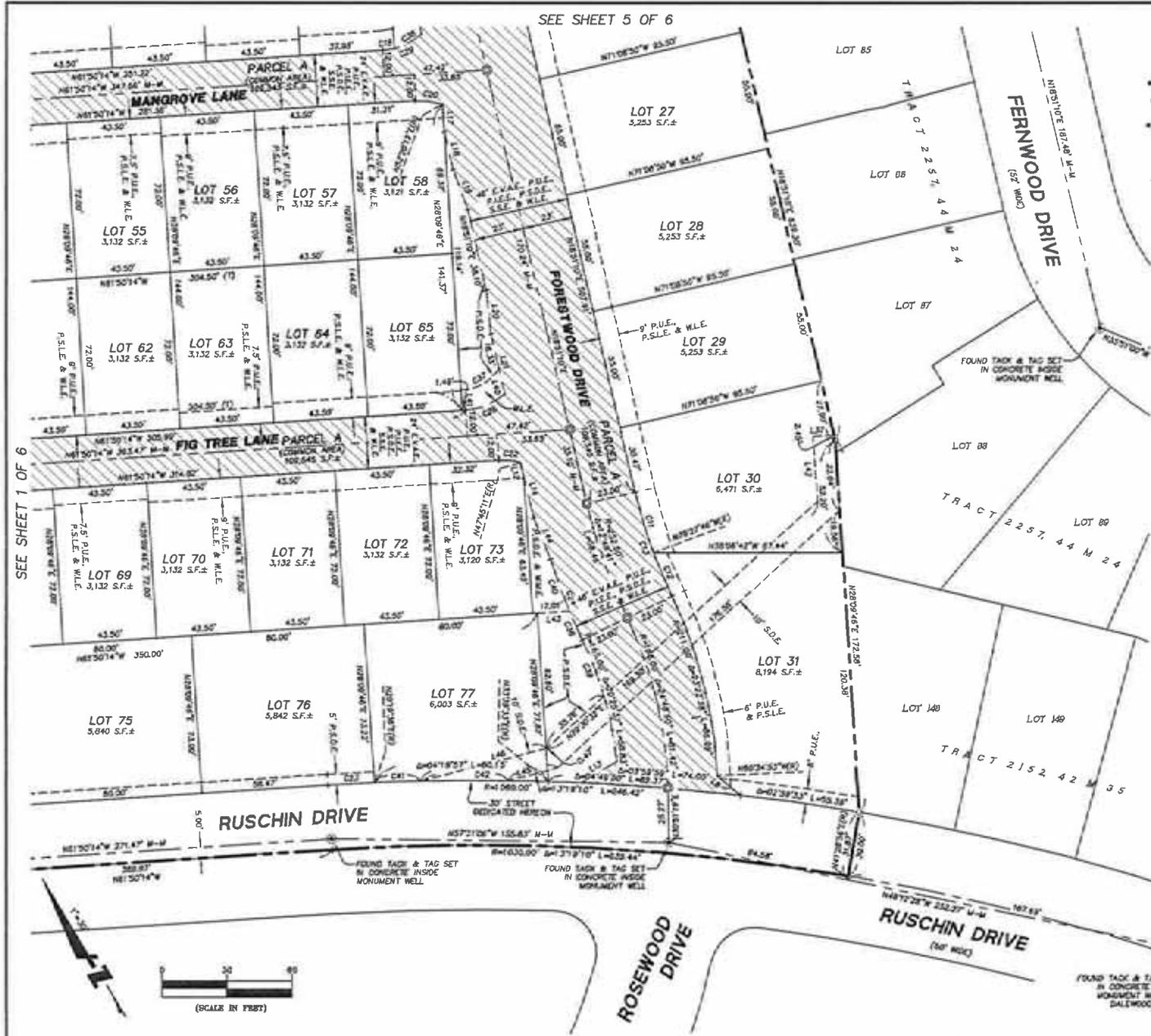
1. ALL DISTANCES AND DIMENSIONS ARE IN FEET AND DECIMALS THEREOF.
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3. ALL EASEMENT LINES WITHOUT BEARINGS ARE PARALLEL WITH AND/OR PERPENDICULAR TO THE LOT LINE OR BOUNDARY LINE.

LEGEND

- ⊙ FOUND MONUMENT AS NOTED ON MAP
- ⊙ SET 2-1/2" BRASS DISK MONUMENT WITH PUNCH MARK IN CONCRETE BASE, INSIDE MONUMENT WELL STAMPED "LS 8868"
- SET 3/4" IRON PIPE WITH PLASTIC PLUG AND TACK, STAMPED "LS 8868"
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- W.L.E. WATER LINE EASEMENT

LINE TABLE		
LINE	BEARING	LENGTH
L1	N18°50'14"E	14.27'
L2	N18°51'10"E	1.97'
L3	N88°50'58"W	18.94'
L4	N18°51'10"E	26.35'
L5	N88°50'46"E	12.64'
L6	N18°51'10"E	17.69'
L7	N11°47'52"E	20.06'
L8	N88°50'46"E	20.56'
L9	N18°51'10"E	28.11'
L10	N18°50'14"E	8.60'
L11	N18°51'10"W	11.77'
L12	N88°50'46"E	8.54'
L13	N88°50'46"E	30.25'
L14	N18°50'14"E	18.01'
L15	N88°51'20"E	25.67'
L16	N72°41'37"E	23.44'
L17	N72°41'37"E	80.33'

CURVE TABLE			
CURVE	RADIUS	DELTA LENGTH	
C1	228.50'	89°16'34"	29.32'
C2	228.50'	89°28'45"	32.01'
C3	228.50'	17°48'41"	31.33'
C4	30.00'	107°39'26"	5.54'
C5	30.00'	247°02'26"	12.66'
C6	30.00'	147°32'16"	16.26'
C7	1580.00'	01°18'25"	78.57'
C8	275.50'	88°12'50"	48.18'
C9	30.00'	347°24'48"	30.01'
C10	30.00'	281°24'48"	30.01'
C11	30.00'	273°22'27"	14.47'
C12	20.50'	287°35'36"	20.97'
C13	275.50'	03°00'26"	14.48'
C14	181.50'	89°42'51"	27.87'
C15	1580.00'	01°18'25"	31.21'
C16	1580.00'	07°11'41"	48.60'



TRACT 8212
SHEET 6 OF 6



Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

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

Karen W. Murphy
Attorney

DATE: May 15, 2017

MEMO TO: Board of Directors - Union Sanitary District

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

SUBJECT: Agenda Item No. 14 - Meeting of May 22, 2017
Information Item: **Informational Update on the Force Main Relocation at the Torian Property Development in Newark**

This item was pulled from the agenda.

**UNION SANITARY DISTRICT
CHECK REGISTER
4/29/2017-05/12/2017**

Check No.	Date	Invoice No.	Vendor	Description	Invoice Amt	Check Amt
164342	5/4/2017	7727	DW NICHOLSON CORP	HYPO TANKS AND PIPING REPLACEMENT	\$250,311.77	\$250,311.77
164375	5/4/2017	30104427	SYNAGRO WEST LLC	MARCH 2017 BIOSOLIDS DISPOSAL	\$48,251.44	\$48,251.44
164399	5/11/2017	237656	FRANK A OLSEN COMPANY	CB1 CLAIRIFIER GATES ROTORKS	\$46,440.58	\$46,440.58
164338	5/4/2017	156918	CAROLLO ENGINEERS	DIGESTER NO. 3 INSP & REHAB	\$21,949.38	\$22,813.58
	5/4/2017	156760		FREMONT & PASEO PADRE LS IMPROVEMENTS	\$864.20	
164363	5/4/2017	761520170426	PACIFIC GAS AND ELECTRIC	SERV TO 4/25/17 NEWARK PS	\$17,486.61	\$17,535.58
	5/4/2017	224720170424		SERV TO 04/23/17 CS TRAINING TRAILER	\$48.97	
164419	5/11/2017	23829	RMC WATER AND ENVIRONMENT	ALVARADO BASIN SEWER MASTER PLAN UPDATE	\$15,415.75	\$15,415.75
164340	5/4/2017	2193115A	DELTA DENTAL SERVICE	APRIL 2017 DENTAL	\$1,530.65	\$13,100.15
	5/4/2017	2193115C		APRIL 2017 DENTAL	\$11,569.50	
164344	5/4/2017	20170413	ENFO TECH & CONSULTING INC	IPACS SWM RENEWAL	\$12,300.00	\$12,300.00
164409	5/11/2017	27872	MARK THOMAS & CO, INC	TEMP CONSTRUCTION INSPECTOR - 2/27 - 3/14/17	\$11,808.96	\$11,808.96
164380	5/4/2017	38538	WECO INDUSTRIES LLC	ASTD TRACTOR CAMERA PARTS	\$1,515.24	\$9,489.20
	5/4/2017	38543		120 GALLONS SANAFOAM	\$7,973.96	
164428	5/11/2017	38591	WECO INDUSTRIES LLC	2 TOW CABLES	\$55.63	\$9,101.26
	5/11/2017	38590		120 GAL SANAFOAM	\$7,974.63	
	5/11/2017	38589		ASTD TRACTOR CAMERA REPAIR PARTS	\$1,071.00	
164425	5/11/2017	38029	VALLEY OIL COMPANY	532 GALS MOBIL PEGASUS 805 OIL	\$8,921.53	\$8,921.53

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Check No.	Date	Invoice No.	Vendor	Description	Invoice Amt	Check Amt
164328	5/4/2017	170401183	AIRTECH MECHANICAL INC	REPLACE HOT WATER PUMP IN BUILDING 70	\$3,139.14	\$8,818.14
	5/4/2017	170401182		REPLACE HOT WATER PUMP IN BUILDING 70	\$5,679.00	
164376	5/4/2017	809665	UNIVAR USA INC	5002 GALS SODIUM HYPOCHLORITE	\$2,204.11	\$7,926.49
	5/4/2017	809508		4 DRUMS HYDROCHLORIC ACID	\$1,494.37	
	5/4/2017	810001		4799 GALS SODIUM HYPOCHLORITE	\$2,114.67	
	5/4/2017	810368		4796 GALS SODIUM HYPOCHLORITE	\$2,113.34	
164392	5/11/2017	30812	CALIFORNIA WATER TECHNOLOGIES	43,000 LBS FERROUS CHLORIDE	\$3,836.63	\$7,628.93
	5/11/2017	30775		43,920 LBS FERROUS CHLORIDE	\$3,792.30	
164355	5/4/2017	20170501374322	LINCOLN NATIONAL LIFE INS COMP	LIFE & DISABILITY INSURANCE - MAY 2017	\$7,606.60	\$7,606.60
164383	5/11/2017	170401190	AIRTECH MECHANICAL INC	BLDG 54 SUPPLY FAN INTAKE FILTER MODS	\$7,553.00	\$7,553.00
164382	5/11/2017	1378	A PLUS JANITORIAL SERVICE	APRIL 2017 JANITORIAL SERVICE - BUILDINGS 69, 70, 82, 83	\$5,999.00	\$5,999.00
164327	5/4/2017	66948	3T EQUIPMENT COMPANY INC	11 PIPEPATCH KITS	\$4,816.93	\$4,816.93
164347	5/4/2017	170243	FLO-LINE TECHNOLOGY INC	ASTD HOT WATER PUMP PARTS & SPARE FRAME	\$4,230.13	\$4,230.13
164391	5/11/2017	721961	BRENNTAG PACIFIC, INC.	2564 LBS SODIUM HYDROXIDE	\$1,329.50	\$3,988.48
	5/11/2017	721962		5128 LBS SODIUM HYDROXIDE	\$2,658.98	
164385	5/11/2017	9581781	AT&T	SERV: 03/20/17 - 04/19/17	\$3,578.39	\$3,800.96
	5/11/2017	9581779		SERV: 03/20/17 - 04/19/17	\$19.73	
	5/11/2017	9581803		SERV: 03/20/17 - 04/19/17	\$202.84	
164336	5/4/2017	30745	CALIFORNIA WATER TECHNOLOGIES	43,540 LBS FERROUS CHLORIDE	\$3,793.67	\$3,793.67

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164422	5/11/2017	130958	TOTAL WASTE SYSTEMS INC	APRIL 2017 GRIT DISPOSAL	\$3,787.78	\$3,787.78
164396	5/11/2017	8122	DIEDE CONSTRUCTION	REFUND # 19919	\$3,597.50	\$3,597.50
164381	5/4/2017	8937	XL CONSTRUCTION	REFUND # 19909	\$3,375.00	\$3,375.00
164378	5/4/2017	20170501	VISION SERVICE PLAN - CA	MAY 2017 VISION STMT	\$3,248.64	\$3,248.64
164337	5/4/2017	17235104	CANON SOLUTIONS AMERICA INC	MONTHLY LEASE 6 CANON COLOR COPIERS	\$3,154.15	\$3,154.15
164413	5/11/2017	892820170502	PACIFIC GAS AND ELECTRIC	SERV TO 05/01/17 HAYWARD MARSH	\$54.60	\$3,086.87
	5/11/2017	013720170505		SERV TO 05/04/17 BOYCE RD PS	\$2,275.35	
	5/11/2017	666720170502		SERV TO 05/01/17 PASEO PADRE PS	\$286.73	
	5/11/2017	096020170502		SERV TO 5/01/17 CATHODIC PROJECT	\$43.83	
	5/11/2017	380420170502		SERV TO 05/01/17 CHERRY ST PS	\$232.63	
	5/11/2017	140120170505		SERV TO 05/03/17 IRVINGTON PS	\$25.74	
	5/11/2017	898220170502		SERV TO 5/01/17 FREMONT PS	\$167.99	
164386	5/11/2017	145673	BABBITT BEARING CO INC	CERAMIC COAT MONYO QUILLS	\$1,262.13	\$2,564.08
	5/11/2017	145674		CERAMIC COAT MONYO QUILLS	\$1,301.95	

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164350	5/4/2017	9402972211	GRAINGER INC	4 PR READING GLASSES	\$58.17	\$2,540.47
	5/4/2017	9399190991		ASTD PARTS & MATERIALS	\$1,170.81	
	5/4/2017	9398707779		ASTD PARTS & MATERIALS	\$346.73	
	5/4/2017	9397544546		4 PRESSURE GAUGES	\$678.61	
	5/4/2017	9398590597		12 SPLICE KITS	\$249.29	
	5/4/2017	9400416088		4 PLUG-IN CFL	\$14.59	
	5/4/2017	9400416096		1 ROLL MASTIC TAPE	\$22.27	
164426	5/11/2017	9784321718	VERIZON WIRELESS	WIRELESS SERV 03/21/17 - 04/20/17	\$2,460.29	\$2,486.89
	5/11/2017	9784819817		WIRELESS SERV 04/02/17-05/01/17	\$26.60	
164417	5/11/2017	916003077669	REPUBLIC SERVICES #916	RECYCLE & ROLL OFF - APRIL 2017	\$2,466.04	\$2,466.04
164387	5/11/2017	75541	BAILEY FENCE CO INC	REPAIR PLANT FENCE AT CB1	\$2,357.00	\$2,357.00
164356	5/4/2017	26667801	MCMASTER SUPPLY INC	1 NYON MESH FILTER BAG	\$19.73	\$2,149.37
	5/4/2017	26546910		1 LENGTH TUBING	\$60.71	
	5/4/2017	26298320		20 ASTD HOOD & LOOP CABLE TIES W/BUCKLES	\$38.54	
	5/4/2017	27083478		ASTD PARTS & MATERIALS	\$2,007.29	
	5/4/2017	26046745		4 PLUG-IN COMPACT FLUORESCENT LIGHT BULB	\$23.10	
164345	5/4/2017	1258321	FERGUSON ENTERPRISES, INC.	6 WYE'S & 6 TEE'S	\$1,415.78	\$2,130.26
	5/4/2017	1258545		ASTD PARTS & MATERIALS	\$714.48	
164423	5/11/2017	810683	UNIVAR USA INC	4800 GALS SODIUM HYPOCHLORITE	\$2,115.10	\$2,115.10

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164358	5/4/2017	24006162	MOTION INDUSTRIES INC	2 POLY CHAIN BELTS	\$298.44	\$2,031.16
	5/4/2017	24006902		15 MIINI LUBERS	\$984.39	
	5/4/2017	24004086		ASTD SHEAVES & BUSHINGS	\$283.68	
	5/4/2017	24006295		5 FLOW METERS	\$464.65	
164402	5/11/2017	21780992	GLOBAL KNOWLEDGE TRAINING	OFFICE 365 TRAINING - NGUYEN	\$2,007.66	\$2,007.66
164394	5/11/2017	20170428	COMMUNICATION & CONTROL INC	UTILITY FEE/ANTENNA RENTAL	\$1,950.40	\$1,950.40
164412	5/11/2017	20170503	BRODERICK MOY	EXP REIMB: CWEA CONF - REGIS/AIRFARE/LODGING/4 DAYS PER DIEM	\$1,678.26	\$1,678.26
164410	5/11/2017	102159	MCINERNEY & DILLON, P.C.	LEGAL SERVICES - FORCE MAIN CROSSING AGREEMENT	\$1,575.00	\$1,575.00
164416	5/11/2017	238373	QED ENVIRONMENTAL SYSTEMS INC	CO GEN GEM 5000 CALIBRATION	\$1,531.02	\$1,531.02
164395	5/11/2017	276022	CURTIS & TOMPKINS, LTD	5 LAB SAMPLE ANLAYSIS	\$200.00	\$1,460.00
	5/11/2017	276006		24 LAB SAMPLE ANLAYSIS	\$1,260.00	
164390	5/11/2017	20170508	LAURIE BRENNER	TRAVEL REIMB: CWEA CONF AIRFARE/PER DIEM/LODGING/MISC	\$1,410.56	\$1,410.56
164421	5/11/2017	3338739820	STAPLES CONTRACT & COMMERCIAL	BREAK ROOM/OFFICE SUPPLIES	\$909.68	\$1,344.89
	5/11/2017	3338739822		JANITORIAL SUPPLIES	\$435.21	
164388	5/11/2017	1046841	BAY AREA NEWS GROUP EAST BAY	ADS: ENVIRONMENTAL COMPLIANCE	\$831.99	\$1,271.91
	5/11/2017	1048769		FORCE MAIN CORROSION REPAIRS - WEST	\$439.92	
164372	5/4/2017	1778604001	SAN LEANDRO ELECTRIC SUPPLY	TEB WALLPACK LIGHTS	\$1,140.93	\$1,140.93
164370	5/4/2017	20170501	JOEL SALDANA	TRAVEL REIMB: CWEA CONFERENCE LODGING/PER DIEM/AIRFARE	\$1,128.82	\$1,128.82

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164401	5/11/2017	1083891867	G&K SERVICES CO	UNIFORM LAUNDERING & RUGS	\$281.24	\$1,056.77
	5/11/2017	1083891868		UNIFORM LAUNDERING SERVICE	\$267.64	
	5/11/2017	1083891869		ASTD DUST MOPS, WET MOPS & TERRY TOWELS	\$16.27	
	5/11/2017	1083894584		ASTD DUST MOPS, WET MOPS & TERRY TOWELS	\$16.27	
	5/11/2017	1083894582		UNIFORM LAUNDERING & RUGS	\$238.61	
	5/11/2017	1083894583		UNIFORM LAUNDERING SERVICE	\$236.74	
164334	5/4/2017	11869560	BLAISDELL'S	ASTD OFFICE SUPPLIES	\$159.13	\$1,049.77
	5/4/2017	11873460		ASTD OFFICE SUPPLIES	\$146.33	
	5/4/2017	11834820		1 OFFICE CHAIR	\$481.44	
	5/4/2017	11866390		1 TONER	\$192.05	
	5/4/2017	11868920		ASTD OFFICE SUPPLIES	\$58.11	
	5/4/2017	11862971		ASTD OFFICE SUPPLIES	\$12.71	
164359	5/4/2017	20170430	NAPA AUTO PARTS	MONTHLY AUTO PARTS STMT - APRIL 2017	\$1,016.46	\$1,016.46
164384	5/11/2017	589135	A-PRO PEST CONTROL INC	APR PEST CONTROL	\$1,005.00	\$1,005.00
164393	5/11/2017	3374	CODESP	MID-YEAR SUBSCRIPTION FEE FOR SERVICES FROM CODESP	\$975.00	\$975.00
164346	5/4/2017	208565	FERGUSON WELDING SERVICE INC	FABRICATE 4 ALUMINUM PLATES	\$969.22	\$969.22

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164333	5/4/2017	9554907	AT&T	SERV: 03/13/17 - 04/12/17	\$757.02	\$952.54
	5/4/2017	9554909		SERV: 03/13/17 - 04/12/17	\$42.71	
	5/4/2017	9554911		SERV: 03/13/17 - 04/12/17	\$87.12	
	5/4/2017	9554910		SERV: 03/13/17 - 04/12/17	\$65.69	
164406	5/11/2017	20170504	THOMAS HERLIHY	EXP REIMB: CWEA CONF EXP - HOTEL/MILEAGE EQUIV/3 DAYS PER DI	\$873.04	\$873.04
164405	5/11/2017	1146574	GRANITE CONSTRUCTION COMPANY	8.07 TNS 1/2"HMA64-16R15	\$633.33	\$868.77
	5/11/2017	1145454		3 TNS 1/2"HMA64-16R15	\$235.44	
164354	5/4/2017	20170504	MARCUS LEE	EXP REIMB: CWEA CONF - LODGING/3 DAY PER DIEM/AIRFARE/UBER	\$868.58	\$868.58
164415	5/11/2017	249436	PRESTIGE LENS LAB	SAFETY GLASSES - DIOSDADO	\$215.22	\$863.07
	5/11/2017	249435		SAFETY GLASSES - RODRIGUES	\$221.78	
	5/11/2017	249437		VDT GLASSES - HOLSLAG	\$210.85	
	5/11/2017	249425		SAFETY GLASSES - PACHMAYER	\$215.22	
164414	5/11/2017	1763221022	PONTON INDUSTRIES INC	2 MANHOLE MONITOR EXTENDED BATTERIES	\$854.16	\$854.16
164366	5/4/2017	117449	R-2 ENGINEERING INC	MOYNO PUMP PARTS	\$809.45	\$809.45
164397	5/11/2017	20170510	MOHAMMAD FARSAI	TRAVEL REIMB: CWEA CONF LODGING/PERDIEM/AIRFARE	\$783.01	\$783.01
164403	5/11/2017	1841078928	GOODYEAR COMM TIRE & SERV CTRS	2 TIRES	\$760.46	\$760.46
164369	5/4/2017	321172	RKI INSTRUMENTS INC	EAGLE CALIBRATION SERVICE LEVEL 1	\$651.66	\$750.44
	5/4/2017	320936		1 OS-BM2 OXYGEN	\$98.78	

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164389	5/11/2017	11884000	BLAISDELL'S	ASTD OFFICE SUPPLIES	\$60.33	\$698.64
	5/11/2017	11877890		ASTD OFFICE SUPPLIES	\$9.65	
	5/11/2017	11881270		ASTD OFFICE SUPPLIES	\$523.58	
	5/11/2017	11884570		ASTD OFFICE SUPPLIES	\$13.14	
	5/11/2017	11887800		ASTD OFFICE SUPPLIES	\$91.94	
164418	5/11/2017	321433	RKI INSTRUMENTS INC	EAGLE CALIBRATION SERVICE LEVEL 1	\$525.32	\$673.48
	5/11/2017	321527		ASTD PARTS & MATERIALS	\$148.16	
164362	5/4/2017	151391	NORCAL VENTURES LLC, DBA	LINE X PAINTERS TRAILER LIFT GATE	\$671.63	\$671.63
164360	5/4/2017	191059	NATEC INTERNATIONAL INC.	CRANE SIGNALING TRAINING FOR 20 STUDENTS	\$650.00	\$650.00
164330	5/4/2017	5161050	ALL INDUSTRIAL ELECTRIC SUPPLY	ASTD PARTS & MATERIALS	\$649.09	\$649.09
164427	5/11/2017	8048294008	VWR INTERNATIONAL LLC	1 CS SULFURIC ACID REAG	\$532.41	\$572.53
	5/11/2017	8048324085		1 BTL SULFURIC ACID	\$40.12	
164357	5/4/2017	1288416	MOBILE MODULAR MANAGEMENT CORFFMC	TRAILER RENTAL - APR 2017	\$541.07	\$541.07
164364	5/4/2017	20170427	PETTY CASH	PETTY CASH REPLENISHMENT	\$522.46	\$522.46
164353	5/4/2017	8680	ANIL KESWANI	REFUND # 19908	\$500.00	\$500.00
164400	5/11/2017	8904	FRESH AIR MECHANICAL	REFUND # 19920	\$500.00	\$500.00
164339	5/4/2017	275790	CURTIS & TOMPKINS, LTD	10 LAB SAMPLE ANALYSIS	\$480.00	\$480.00
164332	5/4/2017	2017053151219	AMERICAN PAYROLL ASSOCIATION	MEMBER DUES-S. WEST	\$438.00	\$438.00
164429	5/11/2017	2140938	WHAT'S HAPPENING INC	AD NAME: EARTH DAY 2017	\$415.00	\$415.00

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164365	5/4/2017	20170502.1	RIC PIPKIN	EXP REIMB: RECOG LUNCH - DIGESTER MIXING PUMP #1	\$351.79	\$413.12
	5/4/2017	20170502		EXP REIMB: TEAM RECOG - BREAKFAST SANDWICHES	\$61.33	
164379	5/4/2017	8048252492	VWR INTERNATIONAL LLC	5 PACKS HYDROGEN SULFUR DETECTOR TUBES	\$408.43	\$408.43
164351	5/4/2017	9714660	HF&H CONSULTANTS, LLC	FINANCIAL PLANNING MODEL	\$405.00	\$405.00
164331	5/4/2017	7042088	ALPHA ANALYTICAL LABORATORIES	2 LAB SAMPLE ANALYSIS	\$55.00	\$400.00
	5/4/2017	7042128		24 LAB SAMPLE ANALYSIS	\$345.00	
164349	5/4/2017	1841078786	GOODYEAR COMM TIRE & SERV CTRS	1 TIRE	\$380.23	\$380.23
164411	5/11/2017	27065559	MCMASTER SUPPLY INC	6 PLASTIC DOCUMENT ORGANIZERS	\$54.15	\$365.77
	5/11/2017	27569195		ASTD PARTS & MATERIALS	\$89.44	
	5/11/2017	27734504		2 LARGE-CELL BATTERIES	\$58.93	
	5/11/2017	28597539		2 1/4 NPT REGULATORS	\$108.79	
	5/11/2017	28625580		1 ROLL ALUMINUM TUBING	\$54.46	
164407	5/11/2017	944720170427	HOME DEPOT CREDIT SERVICES	MONTHLY HARDWARE STMT - APR 2017	\$356.34	\$356.34
164374	5/4/2017	050217	SWRCB - STATE WATER RESOURCES	GRADE 3 CERTIFICATION RENEWAL: A. PETERSON	\$300.00	\$300.00
164343	5/4/2017	1257	ELITE ANALYTICAL LABORATORIES	2 LAB SAMPLE ANALYSIS	\$290.00	\$290.00
164348	5/4/2017	20170503	MICHAEL FULKERSON	EXP REIMB: CWEA CONF - 3 DAY PER DIEM, RESORT FEE, PARKING	\$243.00	\$243.00
164420	5/11/2017	4723	SKIL-PAINTING INC	SANDBLAST LARGE STEEL FRAME	\$200.00	\$200.00
164371	5/4/2017	85340220170420	SAN FRANCISCO WATER DEPT	SERVICE 03/22/17 TO 04/20/17	\$179.34	\$179.34
164373	5/4/2017	20170503	JENNIFER SIO-KWOK	EXP REIMB: OST 4TH QTR RECOGNITION LUNCH	\$152.48	\$152.48

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164408	5/11/2017	18473	ICE SAFETY SOLUTIONS INC	OFFSITE CPR TRAINING - 2 EMPLOYEES	\$150.00	\$150.00
164367	5/4/2017	7169	RED WING SHOE STORE	SAFETY SHOES: L. CARDENAS	\$111.93	\$111.93
164361	5/4/2017	20170504	SHAWN NESGIS	EXP REIMB: SPEC RECOG-G. MOY/CS APRIL SFTY REC GIFT CARDS	\$100.00	\$100.00
164404	5/11/2017	9406665654	GRAINGER INC	ASTD PARTS & MATERIALS	\$14.07	\$99.67
	5/11/2017	9403931224		ASTD PARTS & MATERIALS	\$85.60	
164368	5/4/2017	87562	REMOTE SATELLITE SYSTEMS INT'L	IRIDIUM SVC FEE MAY 2017	\$97.90	\$97.90
164341	5/4/2017	20170503	MICHAEL DUNNING	EXP REIMB: ADMIN. PROFESSIONALS DAY	\$76.78	\$76.78
164329	5/4/2017	4088644120170424	ALAMEDA COUNTY WATER DISTRICT	SERV TO: 04/24/17 - BOYCE ROAD	\$72.91	\$72.91
164352	5/4/2017	533986	HULBERT LUMBER SUPPLY	ASTD LUMBER SUPPLIES	\$15.77	\$47.22
	5/4/2017	534198		ASTD LUMBER SUPPLIES	\$31.45	
164398	5/11/2017	1263351	FERGUSON ENTERPRISES, INC.	1 CNCRT BX EXT	\$38.41	\$38.41
164424	5/11/2017	9853167.1	UPS - UNITED PARCEL SERVICE	SHIPPING CHARGES W/E 03/17/17	\$35.87	\$35.87
164335	5/4/2017	20170426	MARY GRACE CALANOG	EXP REIMB: LIVESCAN FEE	\$25.00	\$25.00
164377	5/4/2017	9853157.1	UPS - UNITED PARCEL SERVICE	SHIPPING CHARGES W/E 03/08/17	\$16.71	\$16.71

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Check No.	Date	Invoice No.	Vendor	Description	Invoice Amt	Check Amt
Invoices:				Checks:		
Credit Memos :		0				
\$0 - \$1,000 :		116	33,815.96	\$0 - \$1,000 :	50	22,605.75
\$1,000 - \$10,000 :		49	146,625.69	\$1,000 - \$10,000 :	44	155,392.08
\$10,000 - \$100,000 :		8	185,222.22	\$10,000 - \$100,000 :	8	187,666.04
Over \$100,000 :		1	250,311.77	Over \$100,000 :	1	250,311.77
Total:		174	615,975.64	Total:	103	615,975.64



Press Release

May 09, 2017 09:00 ET

Lystek at the Center of MoU between Fairfield-Suisun Sewer District and the San Francisco Public Utilities Commission

Collaborative partnership will see the SFPUC undertake a pilot project for responsible management of its biosolids at the state-of-the-art, Lystek OMRC-FSSD

CAMBRIDGE, ON--(Marketwired - May 09, 2017) -

Attention: Environmental, agricultural, municipal, recycling & waste management reporters/editors

The Fairfield Suisun Sewer District (FSSD) and the San Francisco Public Utilities Commission (SFPUC) have executed a Memorandum of Understanding (MoU) to undertake a two-year, pilot project for treatment of the City's biosolids.

Under the terms of the MoU, up to 5,000 tons of biosolids (per annum) generated by the SFPUC will be sent to the new, state-of-the-art, Lystek Organic Material Recovery Center (Lystek OMRC-FSSD), located at the FSSD in California, for processing. In October 2016, the new 150,000 (U.S) ton, state-of-the-art Lystek OMRC-FSSD held its Grand Opening and announced its readiness to manage biosolids production from the FSSD for at least the next twenty years as well as for other San Francisco Bay Area agencies. Many have already signed on to utilize the services of the facility. The plant is ideally situated to provide reliable and sustainable, year-round management of biosolids and organics to the entire San Francisco Bay Area.

The OMRC-FSSD leverages Lystek's patented and proven, low temperature Thermal Hydrolysis Process (LystekTHP™) to divert biosolids and other organics from landfills and produce LysteGro™, a Class A quality product high in organic matter and nutrients. The California Department of Food and Agriculture has already recognized the product as a licensed fertilizer. Over time, the FSSD will further leverage the technology to optimize its digester operations and increase biogas production for green energy.

"Recycling organic materials like SFPUC biosolids back into the soil is important for soil health and carbon sequestration. We are very excited to work with Lystek on this liquid fertilizer pilot," says Tommy T. Moala, Assistant General Manager of SFPUC Wastewater Enterprise.

California regulations around the use and management of biosolids and organics have evolved. Once considered a "waste", leading companies like Lystek are leveraging years of sound science and research to safely divert these materials from landfills and prove their value as a renewable resource.

"We look forward to demonstrating to the SFPUC that they have made the right decision to partner with Lystek and the OMRC-FSSD. This pilot project will see biosolids safely processed, recycled and marketed, as part of the movement toward a more sustainable, circular economy," says Kurt Meyer, President of Lystek.

About Lystek

Lystek International Inc. is a leading provider of Thermal Hydrolysis solutions for the sustainable management of biosolids and organics. The multi-use, award-winning Lystek system reduces costs, volumes and GHG's by converting municipal and industrial wastewater treatment facilities into resource recovery centers. This is achieved by transforming organic waste streams into value-added products and services, such as the patented LysteMize® process for optimizing digester performance, reducing volumes and increasing biogas production; LysteGro®, a high-value, nutrient-rich biofertilizer and LysteCarb®, an alternative source of carbon for BNR systems.

Napa Sanitation launching summer sewer line work

BARRY EBERLING beberling@napanews.com

May 14, 2017

Napa Sanitation District will be replacing and repairing 5.7 miles of aging sewer lines this spring and summer to help avoid repeats of this past winter's big storm sewage spills.

"Our goal is to repair or replace a minimum of 2 percent of the system each year," Napa Mayor and District Board Chairman Jill Techel said in a press release. "Napa San has realized that these areas have many deteriorating pipes and a higher overflow risk than other areas."

Cracks in aging sewer lines allow groundwater to enter the pipes during heavy rains. Swamped lines during huge storms this past winter resulted in 540,000 gallons of sewage-tainted water bubbling out of manholes, with the runoff in one case ending up in a park.

Even before that happened, Napa Sanitation District was preparing to increase its annual sewer line maintenance program. That is one reason it raised sewer rates 15 percent in 2016, with increases of 15 percent, 6 percent, 5 percent and 4 percent planned for coming years.

The neighborhoods targeted for work this year are Broadmoor Drive/Karen Drive, Foothill Boulevard/Pine Street and South Minahan. In addition, work will be done on Rose Lane and Jomar Drive.

K. J. Woods Construction will do the work at a cost of \$4.7 million.

"This is the big project for the summer," District General Manager Tim Healy said in February before the contract was awarded. "This is one of the biggest projects we've ever done." Residents and businesses in the targeted neighborhoods will receive notice 48 hours before and directly prior to work. No-parking zones and traffic controls will be in place at times, but access to properties will be maintained, a district press release said.

Workers when possible will use trenchless methods to replace pipes, which tears up less pavement, causes less traffic disruptions and costs less money.

They'll do such thing as snake a metal cone through the sections of the system to break clay pipe and pull a new, polyethylene pipe into place behind it. The only excavation is where the laterals hook to the line.

People can go www.napasan.com/ConstructionZones for updates on weekly projects. For example, work this coming week is to be done on Kern Court, as well as sewer main cleaning and scans in the Broadmoor Drive/Karen Drive area.

Napa Sanitation District serves about 20 square miles in the city of Napa, Silverado Country Club, the Napa County airport area and several adjacent, unincorporated areas. It has 270 miles of sewer lines.

Pure Water Monterey recycled water project hailed at groundbreaking, challenges remain

By [Jim Johnson](#), Monterey Herald

Posted: 05/05/17, 6:18 PM PDT



Assemblywoman Anna Caballero grabs a shovel and construction helmet for the groundbreaking for the Pure Water Monterey recycled water plant project in Marina Friday. (David Royal - Monterey Herald)

Marina >> Lauded as a model for regional collaboration and innovation, and even the “wave of the future” for the rest of California, the Pure Water Monterey recycled water project was universally praised by a group of dignitaries at a groundbreaking ceremony on Friday.

But a key official acknowledged the already complex project still faces a number of hurdles before it begins construction or operation, including potential cost overruns that could end up on Monterey Peninsula water bills and a complicated discharge permit.

Local, state and federal public officials hailed a key milestone for the \$100 million groundwater replenishment project backed by a public-private partnership between the Monterey Regional Water Pollution Control Agency, the Monterey Peninsula Water Management District and California American Water, as well as a range of other local public agencies, that would tap various Monterey Peninsula and Salinas Valley wastewater sources for treatment to drinking water standards for use by Peninsula homes and businesses, and for expanded Salinas Valley agricultural irrigation.

The ceremony was held at the recycled water plant project site near the existing Pollution Control Agency wastewater treatment plant.

The proposal is designed to provide 3,500 acre-feet of potable water for injection into the Seaside basin, where it will mix with other water sources and eventually be pumped out for later use, allowing Cal Am to purchase the water for its Monterey district customers by mid-2019, and allow a corresponding reduction in Carmel River water use well before Cal Am's pending desalination plant project is expected to be online. It would also transform highly contaminated Salinas-area run-off into as much as 5,600 acre-feet of secondary treated water for farmland irrigation to allow less Salinas Valley basin groundwater pumping as part of the effort to offset seawater intrusion.

Pollution control agency general manager Paul Sciuto noted the unique nature of the project, and the level of cooperation it took to get to this point, calling it the "only project of its kind in the nation" that was the result of a "truly cooperative solution" to the area's persistent water issues.

Water management district general manager Dave Stoldt dubbed the proposal a "project for the future" that could be replicated statewide as California prepares its water supply to meet the needs of the estimated 50 million residents expected by 2050.

State Assemblyman Mark Stone, Assemblywoman Anna Caballero and state Secretary of Natural Resources John Laird agreed the project is precedent-setting, with Stone noting the Monterey Bay area is again "leading the state."

And new Rep. Jimmy Panetta said the project proved the area is "in the lead on not just conservation but innovation," and called the groundbreaking a "huge step toward water sustainability for our future and our children's future."

According to Sciuto, construction on some of the project's four main elements — source water facilities, treatment plant and pump station, conveyance pipeline and injection facilities — is expected to start in the next few weeks after the proposal recently secured \$103 million in low-interest state loan financing, offset by a \$15 million state grant.

However, the first round of bids on the core portion of the project — the plant and pump station — came in about \$12.3 million higher than the \$41.5 million budget, prompting the agency to pursue a second round of bids after making a series of changes designed to reduce costs and attract more bidders, including "elongating" the 18-month construction schedule to 21 months, and setting a meeting with contractors next week to solicit further cost-savings ideas.

Sciuto said the hope is that subsequent bids will come in significantly lower, and savings from other project element bids will help, allowing the agency to proceed with its plan to start construction in August. If that happens, the project would be finished by May 2019, a couple of months before the project is obligated to begin providing water to the Seaside basin and eventually to Cal Am customers, who will be paying the bulk of the project capital cost and its ongoing operations and maintenance expense.

However, if the bids remain significantly higher than budget, Sciuto said the agency might have to return to the state Public Utilities Commission to request an increase in the \$1,720-per-acre-

foot cost cap that Cal Am customers would pay for the water, and would likely also have to ask the agency board for permission to proceed with construction even with the cost overage.

Sciuto said the project will meet the September construction milestone in the already extended Carmel River cutback order because other project elements will be under construction by then, but acknowledged the plant and pump station could be delayed past that date.

Cal Am President Rick Svindland said Friday the company would work with the agency on the cost issue, including possibly requesting an increase in the cost cap from the Public Utilities Commission, but suggested the agency should also conduct the kind of value engineering review of the project that Cal Am's desal plant project was required to employ.

Other options, Sciuto said, include acquiring additional state grant funding the agency is already pursuing, or even seeking to tap water service fee revenue through the Monterey Peninsula Water Management District.

Meanwhile, Sciuto said the lone remaining project permit to be secured will also be the complicated and difficult National Pollutant Discharge Elimination System permits allowing the agency to dispose of the leftover waste from the treatment plant through its existing outfall pipeline and into the Monterey Bay National Marine Sanctuary. Further complicating the issue, the agency is also seeking permission to add brine from the planned Cal Am desal plant as part of the permit.

Sciuto noted the agency just hired a consultant to lead the discharge permit process and said the goal is to have the permit secured by September 2018.

Harkening back to lengthy and at times frustrating negotiations with various agencies on the complex project agreements, Sciuto said the remaining hurdles are simply part of the process.

"There's absolutely challenges all along the way, there are so many variables," he said, comparing the process to the carnival game "Whac-a-Mole." "That said, we're going to get through it. This project is going to be finished."

Jim Johnson can be reached at 831-726-4348.