BOARD MEETING AGENDA
Monday, June 27, 2016
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 June 13, 2016.
	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.*
Public Hearing	7.	Public Hearing to Consider Collection of Sewer Service Charges on the Tax Rolls for Fiscal Year 2017 and Adoption of a Resolution Electing to Collect Sewer Service Charges on the Tax Rolls *(to be reviewed by the Budget & Finance Committee).*
(Pulled)	8.	**This agenda item number will not be used. Original title was pulled.**
Motion	9.	Consider Approving Final Operating and CIP Budgets for Fiscal Year 2017 *(to be reviewed by the Budget & Finance Committee).*
Motion	10.	Consider a Resolution to Accept a Sanitary Sewer Easement for Tract 8127 – Mission Place, Located Along Driscoll Road Between Beatrice Street and Rosewalk Court in the City of Fremont *(to be reviewed by the Legal/Community Affairs Committee).*
Motion	11.	Provide Direction Regarding 2016 Board Compensation Survey (*to be reviewed by the Personnel Committee)*.
Information	12.	Monthly Operations Report for May 2016 *(to be reviewed by the Budget & Finance Committee).*

Information 13. Information Items:

a. Check Register.

Information 14. Committee Meeting Reports. *(No Board action is taken at Committee meetings):*

a. Legal/Community Affairs Committee – scheduled for Wednesday, June 22, 2016, at 9:15a.m.
b. Budget & Finance Committee – scheduled for Thursday, June 23, 2016, at 8:30 a.m.
c. Personnel Committee – scheduled for Friday, June 24, 2016, at 11:00 a.m.
d. Engineering and Information Technology Committee – will not meet.
e. Legislative Committee – will not meet.
f. Ad Hoc Subcommittee for Communications Strategy.

Information 15. General Manager's Report. *(Information on recent issues of interest to the Board).*

---

16. Other Business:

a. Comments and questions. *Directors can share information relating to District business and are welcome to request information from staff.*
b. Scheduling matters for future consideration.

---

17. Adjournment – The Board will adjourn to the next Regular Meeting in the Boardroom on Monday, July 11, 2016, 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

NOTICE OF
COMMITTEE MEETING

All meetings will be held in
the General Manager's Office
5072 Benson Road, Union City, CA 94587

UNION SANITARY DISTRICT

BOARD MEETING OF JUNE 27, 2016

Committee Membership:

Budget and Finance	Directors Manny Fernandez and Pat Kite (Alt. – Jennifer Toy)
Engineering and Information Technology Committee	Directors Tom Handley and Jennifer Toy (Alt. – Pat Kite)
Legal/Community Affairs	Directors Pat Kite and Anjali Lathi (Alt. – Tom Handley)
Legislative Committee	Directors Manny Fernandez and Tom Handley (Alt–Pat Kite)
Personnel Committee	Directors Manny Fernandez and Jennifer Toy (Alt. – Anjali Lathi)
Audit Committee	Directors Anjali Lathi and Jennifer Toy (Alt. Manny Fernandez)

Legal/Community Affairs Committee, Wednesday, June 22, 2016, at 9:15 a.m.

12. Monthly Operations Report for May 2016 – Odor Report and Work Group Reports.

10. Consider a Resolution to Accept a Sanitary Sewer Easement for Tract 8127 – Mission Place, Located Along Driscoll Road Between Beatrice Street and Rosewalk Court in the City of Fremont.

Budget & Finance Committee, Thursday, June 23, 2016, at 8:30 a.m.

7. Public Hearing to Consider Collection of Sewer Service Charges on the Tax Rolls for Fiscal Year 2017 and Adoption of a Resolution Electing to Collect Sewer Service Charges on the Tax Rolls.

9. Consider Approving Final Operating and CIP Budgets for Fiscal Year 2017.

12. Monthly Operations Report for May 2016 – Financial Reports.

Personnel Committee, Friday, June 24, 2016, at 11:00 a.m.

11. Provide Direction Regarding 2016 Board Compensation Survey.

Committee meetings may include teleconference participation by one or more Directors.
(Gov. Code Section 54953 (b))
Committee Meetings are open to the public. Only written comments will be considered. No action will be taken.

MINUTES OF THE MEETING OF THE
BOARD OF DIRECTORS OF
UNION SANITARY DISTRICT
June 13, 2016

CALL TO ORDER

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

PLEDGE OF ALLEGIANCE

ROLL CALL

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

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

APPROVAL OF THE MINUTES OF THE SPECIAL MEETING OF MAY 23, 2016

It was moved by Secretary Kite, seconded by Director Lathi, to approve the Minutes of the Special Meeting of May 23, 2016. Motion carried unanimously.

APPROVAL OF THE MINUTES OF THE MEETING OF MAY 23, 2016

It was moved by Vice President Handley, seconded by Director Fernandez, to approve the Minutes of the Meeting of May 23, 2016. Motion carried unanimously.

WRITTEN COMMUNICATIONS

Director Fernandez stated he received a letter from Senator Boxer's office forwarding a complaint regarding a requirement for a grease trap installation at a business within the District's service area.

ORAL COMMUNICATIONS

There were no oral communications.

CONSIDER RECLAIMED WATER ALTERNATIVES AND PROVIDE DIRECTION TO STAFF

This item was reviewed by the Legal/Community Affairs Committee. General Manager Eldredge stated staff previously presented an informational item regarding the same topic at the Board meeting held May 9, 2016. The District provided an item regarding a reclaimed water fill station for consideration by the Alameda County Water District (ACWD) Board, who declined to participate in such a project during the upcoming fiscal year by a 4-1 vote.

Treatment & Disposal Services Manager Lopez stated the ACWD Board rescinded its water shortage emergency ordinance and drought surcharges resolution at the meeting held June 9, 2016. He further stated the Legal/Community Affairs Committee asked whether ACWD approval would be required in order for the District to proceed with a reclaimed water fill station.

Director Lathi stated the Committee discussed suspending consideration of a reclaimed water project for a period of no less than eight months.

Vice President Handley inquired about the timeline should the District decide to begin working toward a fill station. General Manger Eldredge stated if engineering were to begin immediately, a fill station could be ready for use by the summer of 2017.

Treatment & Disposal Services Manager Lopez stated the Committee requested information regarding the status of existing reclaimed water programs at other agencies.

General Manager Eldredge stated Dublin San Ramon Services District (DSRSD) has been evaluating the level of interest for its two fill stations, and may consider reducing hours of operation.

It was moved by Secretary Kite, seconded by Director Lathi, to direct staff to prepare an informational report regarding the status of existing reclaimed water programs at other agencies, postpone consideration of reclaimed water options presented in the Board meeting packet, and to find out if the District would need approval from ACWD before proceeding with a reclaimed water project. Motion carried unanimously.

####

AWARD THE CONSTRUCTION CONTRACT FOR THE PINE STREET EASEMENT IMPROVEMENTS PROJECT TO VALENTINE CORPORATION

This item was reviewed by the Construction Committee. Technical Services Manager Ghossain stated the District owns a 12-inch diameter sewer main that aerially crosses a small creek tributary to Mammoth Creek in southeastern Fremont. The Project will eliminate structural dependence for the aerial crossing on the eastern pier and strengthen the existing bridge span. West Yost completed design for the project, and the two initially received bids were rejected after they were found to be non-responsive. The Project was advertised for bids a second time and again received two bids. Valentine Corporation was the lowest responsive bidder with a total base bid amount of $183,969. Staff recommended the Board waive the minor bid irregularities and award the construction contract, with the bid alternate, for the Pine Street Easement Improvements Project to Valentine Corporation in the amount of $183,969, and authorize staff to issue the Notice of Award for the Project.

It was moved by Secretary Kite, seconded by Vice President Handley, to Award the Construction Contract for the Pine Street Easement Improvements Project to Valentine Corporation. Motion carried unanimously.

REVIEW AND APPROVE PROPOSED CHANGES TO POLICY NO. 3030, BOARDMEMBER BUSINESS EXPENSE

This item was reviewed by the Personnel Committee. Proposed changes to Policy No. 3030, Boardmember Business Expense, were initially presented at the regular meeting held May 9, 2016. The Board requested staff incorporate a number of additional edits to the Policy. Staff recommended the Board review and approve proposed changes to Board Policy 3030, Boardmember Business and Travel Expense.

It was moved by Secretary Kite, seconded by Director Lathi, to Approve Proposed Changes to Policy No. 3030, Boardmember Business Expense. Motion carried unanimously.

REVIEW AND APPROVE PROPOSED CHANGES TO BOARD COMMITTEES JOB DESCRIPTIONS/ROLE DEFINITIONS

This item was reviewed by the Personnel Committee. Board Secretary McEvoy stated staff reviewed and proposed edits to the Board Committees Job Descriptions/Role Definitions. The proposed edits included removal of items which would not require committee review, reassignment of items to more evenly distribute the frequency of committee meetings, and renaming the Construction Committee to the Engineering and Information Technology Committee. Staff recommended the Board approve proposed changes to Board Committees Job Descriptions/Role Definitions.

It was moved by Director Fernandez, seconded by Secretary Kite, to Approve Proposed Changes to Board Committees Job Descriptions/Role Definitions. Motion carried unanimously.

INFORMATION ITEMS:

Check Register
All questions were answered to the Board's satisfaction.

District Facilities Presentation
General Manager Eldredge stated a number of the District's facilities at the Alvarado Treatment Plant were in need of upgrades or modifications. As the District began evaluating these challenges through various studies and planning efforts, it became more apparent the issues were interrelated with the potential to significantly impact each other. Staff provided a presentation outlining the concept of developing a master plan to address the various needs of District facilities at the Alvarado treatment plant site.

Preliminary Operating and CIP Budgets for Fiscal Year 2017
This item was reviewed by the Budget & Finance Committee. Business Services Manager/CFO Arends-King stated the preliminary Operating and CIP Budgets for Fiscal Year 2017 reflect Board input and information presented at the Budget Workshop held April 27, 2016. Details regarding items changed and added to the budgets were outlined in the Board meeting packet. The final budgets will be presented for approval at the next regularly scheduled Board meeting.

Report on the East Bay Dischargers Authority (EBDA) Meeting of May 19, 2016
Vice President Handley stated there was a discussion at the recent EBDA Commission meeting regarding upcoming changes to its Board. Vice President Handley will attend his last Commission meeting as the District's representative in June before President Toy takes his place. President Toy, Vice President Handley, and General Manager Eldredge will meet to discuss the transition.

COMMITTEE MEETING REPORTS:
The Construction, Legislative, Legal/Community Affairs, and Personnel Committees met.

GENERAL MANAGER'S REPORT:
General Manager Eldredge reported the following:

- New population numbers were recently received, and the District now serves a 347,009 up from 343,499 last year.

OTHER BUSINESS:

There was no other business.

####

ADJOURNMENT:

The meeting was adjourned at 7:45 p.m. to the next scheduled Regular Board Meeting to be held in the Boardroom on Monday, June 27, 2016, at 7:00 p.m.

SUBMITTED:

_____
REGINA McEVOY
SECRETARY TO THE BOARD

ATTEST:

_____
PAT KITE
SECRETARY

APPROVED:

_____
JENNIFER TOY
PRESIDENT

Adopted this 27th day of June, 2016

MINUTES OF THE MEETING OF THE
BOARD OF DIRECTORS OF
UNION SANITARY DISTRICT
June 13, 2016

CALL TO ORDER

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

PLEDGE OF ALLEGIANCE

ROLL CALL

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

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

APPROVAL OF THE MINUTES OF THE SPECIAL MEETING OF MAY 23, 2016

It was moved by Secretary Kite, seconded by Director Lathi, to approve the Minutes of the Special Meeting of May 23, 2016. Motion carried unanimously.

APPROVAL OF THE MINUTES OF THE MEETING OF MAY 23, 2016

It was moved by Vice President Handley, seconded by Director Fernandez, to approve the Minutes of the Meeting of May 23, 2016. Motion carried unanimously.

WRITTEN COMMUNICATIONS

Director Fernandez stated he received a letter from Senator Boxer's office forwarding a complaint regarding a requirement for a grease trap installation at a business within the District's service area.

ORAL COMMUNICATIONS

There were no oral communications.

CONSIDER RECLAIMED WATER ALTERNATIVES AND PROVIDE DIRECTION TO STAFF

This item was reviewed by the Legal/Community Affairs Committee. General Manager Eldredge stated staff previously presented an informational item regarding the same topic at the Board meeting held May 9, 2016. The District provided an item regarding a reclaimed water fill station for consideration by the Alameda County Water District (ACWD) Board, who declined to participate in such a project during the upcoming fiscal year by a 4-1 vote.

Treatment & Disposal Services Manager Lopez stated the ACWD Board rescinded its water shortage emergency ordinance and drought surcharges resolution at the meeting held June 9, 2016. He further stated the Legal/Community Affairs Committee asked whether ACWD approval would be required in order for the District to proceed with a reclaimed water fill station.

Director Lathi stated the Committee discussed suspending consideration of a reclaimed water project for a period of no less than eight months.

Vice President Handley inquired about the timeline should the District decide to begin working toward a fill station. General Manger Eldredge stated if engineering were to begin immediately, a fill station could be ready for use by the summer of 2017.

Treatment & Disposal Services Manager Lopez stated the Committee requested information regarding the status of existing reclaimed water programs at other agencies.

General Manager Eldredge stated Dublin San Ramon Services District (DSRSD) has been evaluating the level of interest for its two fill stations, and may consider reducing hours of operation.

It was moved by Secretary Kite, seconded by Director Lathi, to direct staff to prepare an informational report regarding the status of existing reclaimed water programs at other agencies, postpone consideration of reclaimed water options presented in the Board meeting packet, and to find out if the District would need approval from ACWD before proceeding with a reclaimed water project. Motion carried unanimously.

AWARD THE CONSTRUCTION CONTRACT FOR THE PINE STREET EASEMENT IMPROVEMENTS PROJECT TO VALENTINE CORPORATION

This item was reviewed by the Construction Committee. Technical Services Manager Ghossain stated the District owns a 12-inch diameter sewer main that aerially crosses a small creek tributary to Mammoth Creek in southeastern Fremont. The Project will

eliminate structural dependence for the aerial crossing on the eastern pier and strengthen the existing bridge span. West Yost completed design for the project, and the two initially received bids were rejected after they were found to be non-responsive. The Project was advertised for bids a second time and again received two bids. Valentine Corporation was the lowest responsive bidder with a total base bid amount of $183,969. Staff recommended the Board waive the minor bid irregularities and award the construction contract, with the bid alternate, for the Pine Street Easement Improvements Project to Valentine Corporation in the amount of $183,969, and authorize staff to issue the Notice of Award for the Project.

It was moved by Secretary Kite, seconded by Vice President Handley, to Award the Construction Contract for the Pine Street Easement Improvements Project to Valentine Corporation. Motion carried unanimously.

REVIEW AND APPROVE PROPOSED CHANGES TO POLICY NO. 3030, BOARDMEMBER BUSINESS EXPENSE

This item was reviewed by the Personnel Committee. Proposed changes to Policy No. 3030, Boardmember Business Expense, were initially presented at the regular meeting held May 9, 2016. The Board requested staff incorporate a number of additional edits to the Policy. Staff recommended the Board review and approve proposed changes to Board Policy 3030, Boardmember Business and Travel Expense.

It was moved by Secretary Kite, seconded by Director Lathi, to Approve Proposed Changes to Policy No. 3030, Boardmember Business Expense. Motion carried unanimously.

REVIEW AND APPROVE PROPOSED CHANGES TO BOARD COMMITTEES JOB DESCRIPTIONS/ROLE DEFINITIONS

This item was reviewed by the Personnel Committee. Board Secretary McEvoy stated staff reviewed and proposed edits to the Board Committees Job Descriptions/Role Definitions. The proposed edits included removal of items which would not require committee review, reassignment of items to more evenly distribute the frequency of committee meetings, and renaming the Construction Committee to the Engineering and Information Technology Committee. Staff recommended the Board approve proposed changes to Board Committees Job Descriptions/Role Definitions.

It was moved by Director Fernandez, seconded by Secretary Kite, to Approve Proposed Changes to Board Committees Job Descriptions/Role Definitions. Motion carried unanimously.

INFORMATION ITEMS:

Check Register
All questions were answered to the Board's satisfaction.

District Facilities Presentation

General Manager Eldredge stated a number of the District's facilities at the Alvarado Treatment Plant were in need of upgrades or modifications. As the District began evaluating these challenges through various studies and planning efforts, it became more apparent the issues were interrelated with the potential to significantly impact each other. Staff provided a presentation outlining the concept of developing a master plan to address the various needs of District facilities at the Alvarado treatment plant site.

Preliminary Operating and CIP Budgets for Fiscal Year 2017

This item was reviewed by the Budget & Finance Committee. Business Services Manager/CFO Arends-King stated the preliminary Operating and CIP Budgets for Fiscal Year 2017 reflect Board input and information presented at the Budget Workshop held April 27, 2016. Details regarding items changed and added to the budgets were outlined in the Board meeting packet. The final budgets will be presented for approval at the next regularly scheduled Board meeting.

Report on the East Bay Dischargers Authority (EBDA) Meeting of May 19, 2016

Vice President Handley stated there was a discussion at the recent EBDA Commission meeting regarding upcoming changes to its Board. Vice President Handley will attend his last Commission meeting as the District's representative in June before President Toy takes his place. President Toy, Vice President Handley, and General Manager Eldredge will meet to discuss the transition.

COMMITTEE MEETING REPORTS:

The Construction, Legislative, Legal/Community Affairs, and Personnel Committees met.

GENERAL MANAGER'S REPORT:

General Manager Eldredge reported the following:

- New population numbers were recently received, and the District now serves a 347,009 up from 343,499 last year.

OTHER BUSINESS:

There was no other business.

ADJOURNMENT:

The meeting was adjourned at 7:45 p.m. to the next scheduled Regular Board Meeting to be held in the Boardroom on Monday, June 27, 2016, at 7:00 p.m.

SUBMITTED:	ATTEST:
_____	_____
REGINA McEVOY	PAT KITE
SECRETARY TO THE BOARD	SECRETARY

APPROVED:

_____
JENNIFER TOY
PRESIDENT

Adopted this 27th day of June, 2016

Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

Officers
Paul R. Eldredge
General Manager/
District Engineer

Karen W. Murphy
Attorney

DATE: June 20, 2016

MEMO TO: Board of Directors - Union Sanitary District

FROM: Paul R. Eldredge, General Manager/District Engineer
Pamela Arends-King, Business Services Manager/CFO
Maria Buckley, Principal Financial Analyst

SUBJECT: Agenda Item No. 7 – Meeting of June 27, 2016
Public Hearing to Consider Collection of Sewer Service Charges on the Tax Rolls for Fiscal Year 2017 and Adoption of a Resolution Electing to Collect Sewer Service Charges on the Tax Rolls

Recommendation

Conduct a public hearing and receive oral or written protests to the proposal to collect sewer service charges on the tax rolls, and if a majority protest is not received, adopt a Resolution Adopting the Report on Sewer Service Charge Rates for Fiscal Year 2017 and Electing to Collect Sewer Service Charges on Tax Rolls.

Background

On May 23, 2016, the Board directed staff to schedule a public hearing on June 27, 2016, regarding collection of sewer service charges on the tax rolls. The District has collected sewer service charges on the general Alameda County tax rolls for many years. However, the Board must annually hold a public hearing to consider and reauthorize collection of the sewer service charges on the tax rolls.

The procedures required for the collection of sewer service charges on the tax rolls are set forth in California Health and Safety Code sections 5473 et seq. Pursuant to these procedures, the District may authorize the collection of sewer service charges for fiscal year 2017 to be collected on the tax rolls, consistent with past practices, by:

1. Creating a report setting forth the sewer service charges to be assessed on each parcel in the District and filing the report with the Board Secretary.

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

Staff prepared the report setting forth the sewer service charges to be assessed on each parcel in the District for fiscal year 2017 and filed the report with the Board Secretary. The report has been available for public inspection at the District's offices, and staff published notice of the filing of the report and the public hearing to consider the report in the Argus newspaper on June 3, 2016, and June 10, 2016, and the Tri-City Voice on June 7, 2016, and June 14, 2016.

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

Staff recommends the Board take the following actions:

a. Conduct a public hearing to receive written and oral comments on the proposal to collect sewer service charges via the property tax rolls; and
b. Unless there is a majority protest, overrule any objections to the report and adopt a Resolution Adopting Report on Sewer Service Charge Rates for Fiscal Year 2017 and Electing to Collect Sewer Service Charges on Tax Rolls

Attachment

a. Resolution Adopting Report on Electing to Collect Sewer Service Charges on Tax Rolls Fiscal Year 2017

RESOLUTION NO. ___

RESOLUTION OF THE UNION SANITARY DISTRICT BOARD OF DIRECTORS ADOPTING REPORT ON SEWER SERVICE CHARGE RATES FOR FISCAL YEAR 2017 AND ELECTING TO COLLECT SEWER SERVICE CHARGES ON TAX ROLLS

WHEREAS, the Union Sanitary District ("District") has duly adopted Ordinance No. 31.38 which sets the sewer service charges for fiscal year 2016, and Ordinance No. 31.39 which sets the sewer service charges for fiscal years 2017 through 2021; and

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

WHEREAS, the District Board of Directors directed the preparation of a written report on Sewer Service Charges for Collection on Tax Rolls for Fiscal Year 2017, which was duly prepared and filed with the Board Secretary (the "Report"); and

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

WHEREAS, the District Board of Directors, at its regular meeting of June 27, 2016, held a hearing on the Report, where the Board heard and considered all objections or protests, and protests from a majority of owners of separate parcels was not received.

NOW, THEREFORE, IT IS RESOLVED AS FOLLOWS:

1. All recitals above are true and incorporated by reference herein.

2. The Board finds that objections to and protests against the Report were not made by the owners of a majority of the separate parcels of property within the District against which sewer service charges for the services and facilities provided by the District were fixed.

3. The Board further finds that all objections to and protests have been heard by this Board and that any objections and protests are hereby overruled.

4. The Report is hereby adopted in full without revision, change, reduction, or modification, and sewer service charges based upon these rates and the sewer service charges for fiscal year 2017 shall be collected on the tax roll of the County of Alameda in the manner provided by law.

5. The Board Secretary is hereby directed to file with the County Auditory of Alameda County, a certified copy of the Report and this Resolution stating that the Report has been adopted by the District Board of Directors.

6. The Auditor Controller of the County of Alameda shall, upon receipt of a copy of the Report showing the amounts of the charges based upon adopted rates, enter the amounts of the charges against the respective lots or parcels as they appear on the current assessment roll for fiscal year 2017.

I hereby certify that the foregoing Resolution was duly and regularly adopted and passed by the Board of Directors of the UNION SANITARY DISTRICT, Alameda County, California, at a meeting thereof held on the 27th day of June, 2016.

AYES:
NOES:
ABSENT:
ABSTAIN:

_____
JENNIFER TOY, President
Board of Directors Union Sanitary District

ATTEST:

_____
PAT KITE, Secretary
Board of Directors Union Sanitary District

Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

Officers
Paul R. Eldredge
General Manager/ District Engineer

Karen W. Murphy
Attorney

DATE: June 16, 2016

MEMO TO: Board of Directors - Union Sanitary District

FROM: Paul R. Eldredge, General Manager/District Engineer
Pamela Arends-King, Business Services Manager/CFO
Maria Buckley, Principal Financial Analyst

SUBJECT: Agenda Item No.9 - Meeting of June 27, 2016
Consider Approving Final Operating and CIP Budgets for Fiscal Year 2017

Recommendation

Approve final Operating and CIP Budgets for FY 2017.

Background

Attached for your review are the final Operating and CIP budgets for FY 2017. These budgets reflect the Board's input and information presented at the Budget workshop on April 27th, and the June 13th Board meeting. The Budget reflects:

1) The first year Sewer Service Charge of the five year rate increase effective July 1, 2016.
2) An overall increase in expenditures of 2.5% with an increase in operating expenses of 2.1%.
3) Two non-permanent Operators for Treatment and Disposal for succession planning.
4) The first year increase in Capacity Fees of the four year rate increase effective July 1, 2016.

This document includes changes since the June 13th Board meeting:

- Budget Message (page 1)
- Updated 20-year CIP document (page 18-23; years 1 through 10 are attached)

Attached are schedules supporting the budget, including brief comments.

Attachment:
Union Sanitary District Operating & CIP Budgets FY 2017

Union Sanitary District

Union City, California

Operating & CIP Budgets

FY 2017

Table of Contents

Budget Message..... 1

Summary & Comments..... 5

Cash Flow and Fund balances..... 9

Operating Budget by Work Group..... 10

Special Projects..... 11

Retiree Medical Fund..... 12

R&R – Vehicle & Equipment..... 13

R&R – Information Systems..... 13

R&R – Plant & Pump Stations..... 14

Emergency Fund..... 14

R&R - Structural 15

Pretreatment Fund..... 15

Capacity Fund..... 16

Annual Items over $100K..... 17

20-Year Capital Improvement Plan (10 yrs shown)18

Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

Officers
Paul R. Eldredge
General Manager/
District Engineer

Karen W. Murphy
Attorney

DATE: June 27, 2016

MEMO TO: Board of Directors - Union Sanitary District

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

SUBJECT: Fiscal Year 2017 Operating and CIP Budgets

Union Sanitary District staff is pleased to present the comprehensive annual budget for Fiscal Year 2017 to the Board of Directors. This budget covers the period from July 1, 2016 to June 30, 2017. The District continues to focus on the operation and maintenance of our infrastructure and assets, capital project construction, planning, and effective use of technology.

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

In keeping with our Mission, the District continues to provide a high level of award-winning service to its customers at very competitive rates. During FY 16, USD conducted a major Cost of Service Analysis (COSA) to determine a five year rate plan that met all requirements related to charges for services under Proposition 218. The COSA took into consideration current and future operational and capital costs, and reserve requirements for the next five years. The study provided the District with a baseline against which we can analyze future USD needs. The Sewer Service Charge for FY 17 incorporates the first rate increase of the five year rate increase plan. The annual single family rate will increase from $377 to $380 in the first year to $436 by the fifth year. This increased rate is still below the national average annual sewer service charge of $452, as reflected in the 2015 National Association of Clean Water Agencies price index. On a monthly basis, at just under $32, wastewater treatment is by far the least expensive household utility when compared to other major household expenses such as power, water, garbage, and cable TV.

We continue the District's record of outstanding stewardship and service. We were recently informed that USD will receive the Platinum Award from the National Association of Clean Water Agencies for Peak Performance, for operating for seven consecutive years without exceeding the limits or conditions of the District's permit. This is a tribute to the outstanding work by District Operations and Maintenance teams. We continue to average less than one spill per hundred miles of pipeline per year, ranking us amongst the best in the State. The District Collections Services and Environmental Compliance groups have successfully implemented measures to control roots and grease to help

minimize spills and back-ups. We are responding to over 97.5% of all customer call outs within one hour, up from 96% the previous year. The District's quality performance is also reflected in awards recently received for our procurement program, overall agency management, and financial reporting.

Financial State of the District

The current (general) improvement in the economy as a whole has had modest positive effects on the District. Revenues are increasing over the prior fiscal year and there has also been increased development activity in our service area. While economic improvements have proven beneficial, the District continues to exercise fiscal prudence in light of our ever-increasing expenses. It is because of this cautionary approach that the District has continued to remain financially healthy.

The local economy continues to show signs of improvement in increased development. USD has seen increases in permit applications in the past twelve months, and that is expected to continue through FY 17. A portion of USD capital projects are funded by capacity fees; however, the majority are funded through Sewer Service Charges. The District continues to be vigilant in its efforts to contain expenses. Similar to other agencies, USD faces significant pressures associated with the costs of health care and pensions, as well as in the costs for treatment plant utilities (PG & E), and other capital expenditures.

Revenues

Sewer Service Charges are expected to increase from $48.4 million in FY 16 to $50.4 million in FY 17 due to planned and approved five year rate increases. The extended drought is having an impact on District revenues from non-residential customers; as a result, non-residential revenues are expected to be slightly lower than anticipated in the COSA. With approximately 76% of the District's revenue based on residential customers, USD's income remains relatively stable despite the slight volatility in non-residential revenues.

Capacity Fee revenues incorporate increased Capacity Fees approved by the Board effective July 1, 2016. As previously stated, the Tri-City area has experienced an increase in construction development. Building permit applications have increased and total Capacity Fee revenues are expected to increase 104.3% over FY 16. However, anticipated expenditures associated with capacity fees over the next five years indicates that there will be an overall declining balance in this fund.

Expenditures

Total expenditures for the coming fiscal year are projected to increase by 2.5%. Operating expenses are anticipated to increase by 2.1%, primarily due to salary and pension rate increases. Chemical costs have been relatively stable and slightly lower due to the District's participation in the Bay Area Chemical Consortium.

No significant changes to the number of District employees are being proposed during this fiscal year, with the exception of the addition of two non-permanent Operators for Treatment and Disposal Services. These requisitions address succession planning due to two anticipated Operator retirements in FY 17. The District filled many vacancies during FY 16, mostly attributable to planned retirements. Retirements during FY 17 are expected to taper off as compared to the two prior fiscal years; however, balancing the District's ability to attract and retain a qualified workforce against the bottom line will continue to be a challenge.

The Capital Improvement Program will be increasing from FY 16. Staff conducted a thorough study on the infrastructure needs of the District and developed a 20 year Capital Improvement Plan (CIP) which totals approximately $586 million. The total CIP budgeted for FY 17 is $14.7 million. USD continues to keep its CIP costs as low as possible by taking advantage of available low interest loans through the State and Federally funded State Revolving Fund (SRF) program.

Capital project spending will continue to focus on the wastewater treatment plant and collections system pipeline rehabilitation. Many of the District's buildings and treatment processes are approaching 35 years in operation. Replacing and upgrading those facilities and equipment will ensure that we can efficiently operate the plant in the long-term. Projects for FY 17 include plant facilities improvements, standby power generation system upgrades, thickener control building improvements, and pump station improvements. The Information System R&R Program will continue to fund new projects, such as the implementation of a new Enterprise Planning Resource (ERP) software, and an emergency/back up system for our upgraded Supervisory Control and Data Acquisition (SCADA) system.

Special Projects Fund expenditures will increase from $1.5 million in FY 16 to $2.1 million in FY 17. Of the $2.1 million, $357,000 is for special projects which will carry forward to FY 17. Some of the studies planned for this year include the Treatment Plant Master Plan, the Plant Hydraulic Capacity Assessment, the Treatment Plant Information Technology Network Master Plan, the Financial Master Plan, and the Alvarado Basin Master Plan Update. Other expenditures include the Odor Control Study Update, Hayward Marsh permit renewal, and outreach programs including the USD newsletter and Fats, Oils, and Grease (FOG) brochure for ratepayers.

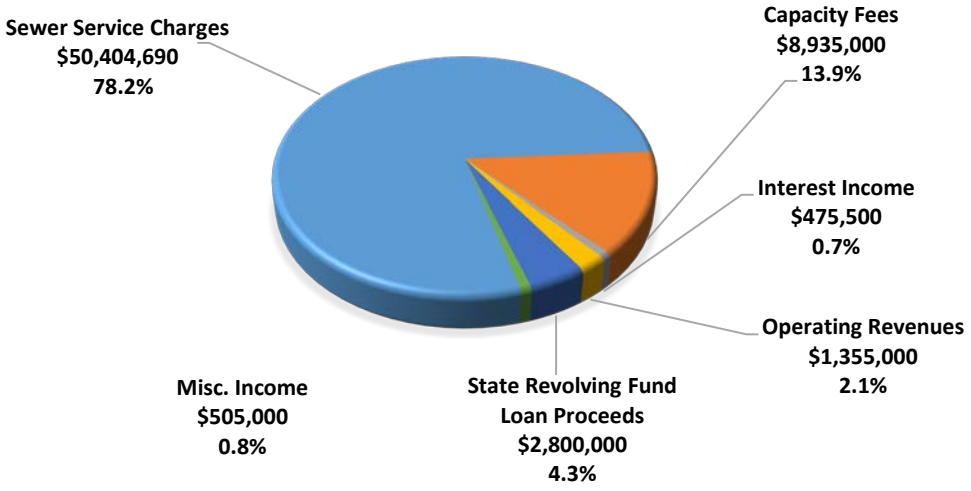
Balanced Budget, Reserves and Rates

USD has been operating with a balanced budget and anticipates continuing to do so. In some years, USD takes money from reserves for capital projects and in some years funds are added to the District reserves. For FY 17 we anticipate adding close to $7.1 million to our reserves. District reserves continue to be stable, although as the District operating budget increases more of District reserves are dedicated to ensuring operating cash flow for the eight month period in which we receive very limited Sewer Service Charge revenues. During FY 17, a financial model will be developed that will allow the District to determine different rate models and financing plan scenarios to assist the District in making sound financial decisions on future infrastructure needs and the long-term sustainability of prospective policies and programs.

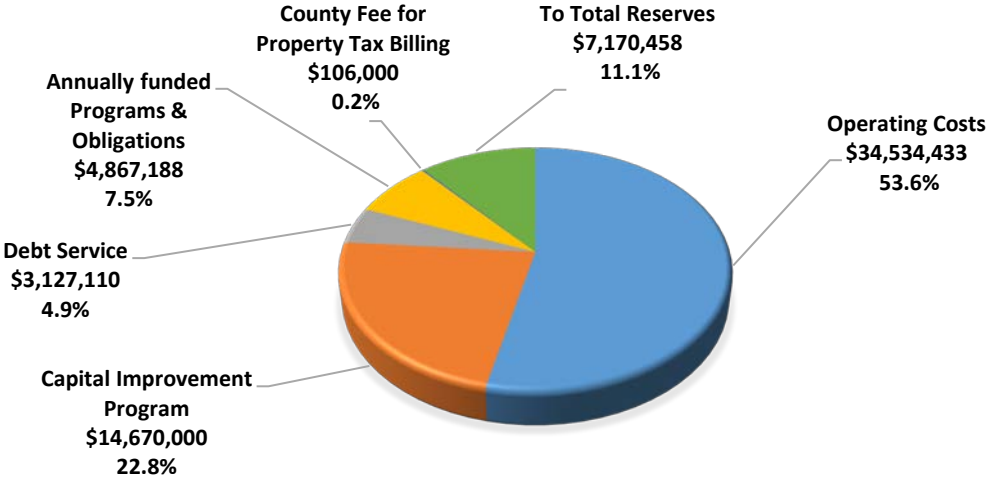
Conclusion

The District's high level of service and very competitive rates reflect our highly efficient and customer-oriented staff. . The District is fortunate to have a very talented and dedicated workforce and we want to continue to make the District an employer of choice in the region. I would like to express my appreciation to all the employees of the District whose hard work is not taken for granted and whose dedication is reflected in the daily delivery of services to our customers. The District is firmly committed to meeting each and every challenge brought forth while building a premier organization. This budget enables us to work toward meeting those challenges. By continuing to follow the budget policy set forth by the District, we will continue to deliver the highest level of service.

FY 2017 TOTAL REVENUES & PROCEEDS - $64,475,190



FY 2017 TOTAL EXPENDITURES - $64,475,190



- Annually Funded Programs and Obligations include special studies and equipment replacement
- Operating Costs include employee, utilities, chemicals, maintenance and administrative costs
- Capital Improvement Program includes project construction and related costs
- Sewer Service Charges include residential, commercial and industrial customers

SUMMARY & COMMENTS
FISCAL YEAR 2017 BUDGET

Budget Summary for all Funds for FY 2017

	FY 2016 (Budget)	FY 2017 (Budget)	% Change
Total District Revenues & Proceeds			
Sewer Service Charge	$48,430,260	$50,404,690	4.0
Capacity Fees	4,372,000	8,935,000	104.3
Interest	345,000	475,500	37.8
Other Fees (permits, surplus, LAVWMA)	1,373,000	1,660,000	20.9
SGIP Rebates (Oper. & Capacity)	200,000	200,000	0.0
SRF Loan Proceeds	5,500,000	2,800,000	-49.0
Total Revenues & Proceeds	**$60,220,260**	**$64,475,190**	**7.1**
Total District Expenses			
Operating	$33,827,303	$34,534,433	2.1
Capital Projects	15,076,000	14,670,000	-2.7
Debt Servicing	3,127,110	3,127,110	0.0
Special Projects	1,522,970	2,132,098	39.9
Other Internal Funds	2,239,405	2,735,090	22.1
County Processing Fee	106,000	106,000	0.0
Total Expenses	**$55,898,784**	**$57,304,731**	**2.5**

SEWER SERVICE FUND **FY 2017 Revenues & Proceeds: $54,614,690**

Revenue and Transfers:

- The principal revenue for the Operating Fund is from the annual Sewer Service Charges, estimated to be $50.4 million in FY 2017. The Sewer Service Charges include the first increase in rates of the five year rate plan approved by the Board of Directors January 2016 following a Proposition 218 hearing. The existing Sewer Service Charge for Single Family Dwelling (SFD) will increase to $380.05 and the Multi-family Dwelling rate will increase to $329.60. The $50.4 million estimated revenues was determined by the sewer rate study. Total revenues for FY 2017 with the new rates were estimated to be $51.2 million, however non-residential customers' rates are calculated annually using flow based on water usage and sewage strength. With the decrease in water usage due to conservation, the revenues for non-residential customers are estimated to be approximately $775,000 lower than estimated in the rate study.

- Interest and other income ($2.1 million) includes: 1) $350,000 in interest earnings, 2) $1,355,000 in Operating revenue including the City of Fremont Urban Runoff program, inspection/plan check fees and permits, East Bay Dischargers Authority (EBDA) reimbursements for operating and maintaining the Alvarado EBDA station, 3) $76,000 from Livermore Amador Valley Water Management Agency (LAVWMA) for principal and interest on the capital buy-in agreement (until 2030), 4) $140,000 from PG&E in carport and Irvington solar panel rebates (until 2017), 5) $65,000 from the sale of surplus

equipment, and 6) $100,000 in SGIP rebates from the Cogeneration project (the other $100,000 is in the Capacity fund).

- The District is anticipating total receipts of $2,100,000 in SRF loan proceeds for the Thickener project for the sewer service charge fund in FY 2017.

SEWER SERVICE FUND **FY 2017 Expense: $52,039,511**

Each component of the Sewer Service Fund expense is described below:

- Operating Budget: FY 2017 Expense: $34,534,433

  The Operating Fund contains expenditures required for the day-to-day operation of the District, including maintenance, regulatory activities, engineering, and administration. The Operating budget will increase 2.1% in FY 2017 due primarily to salaries and benefits adjustments per the MOU, the addition of two Operator positions (not permanent headcount, succession planning overlap), and Public Employees' Retirement System (PERS) costs. Due to CalPERS investment losses from 2008-09; changing actuarial assumptions based on members living longer; and shortening the amortization of the retirement plan unfunded liability; the District's projected employer contribution rates for FY 2017 is 20.4%, an increase of 2.1% from FY 2016. Chemical, fuel, and overtime costs are estimated to be lower in FY 2017 from FY 2016.

- Special Projects FY 2017 Expense: $2,132,098

  This fund includes non-routine expenses such as one-time studies, hiring of consultants, and new programs where the long-term financial impact, if any, is not known. Major FY 2017 expenses by categories include: Administrative and Regulatory projects, $187,000; Hayward Marsh projects, $62,100; Studies and other projects, $1,882,998. A detailed listing of Special Projects is included in this document.

- Retiree Medical Benefits FY 2017 Expense: $583,771

  The District began to transfer Retiree Assets to the CalPERS trust (CERBT) in FY 2009. For FY 2017, the annual required contribution (ARC) based on the 7/1/15 actuarial study will be $583,771. A new study (biennial) is required by CalPERS for FY 2016 (in progress).

- Renewal & Replacement - Vehicle and Equipment FY 2017 Expense: $662,220

  Vehicles and equipment that are scheduled to be replaced due to age or obsolescence are purchased through this fund. The provision is based on a 10-year replacement schedule and expense projection. Major expenses include a hydro jetter, a truck-mounted jetter, diesel pumps, three electric carts, and other equipment. The provision is $300,000 for FY 2017.

- Renewal & Replacement - Information System FY 2017 Expense: $1,232,100

  This fund replaces major information systems hardware and software. The provision is $800,000 for FY 2017. Major projects include SCADA Master Plan Projects, Operations Data Management System,

Collection System GIS, an Enterprise Resource Planning (ERP) system, and Mobile Projects, and Share Point Upgrade. Hardware and desktop replacements will be approximately, $382,100, as described in the IT Master Plan.

- Renewal & Replacement – Plant & Pump Station FY 2017 Expense: $250,000

  This fund is for the purchase of Plant equipment that is scheduled to be replaced due to age or obsolescence, as well as unplanned replacement costs. The provision for FY 2017 is $250,000 and expenses include seven limit torque valve actuators.

- Emergency Fund FY 2017 Expense: $0

  The District established the Emergency Fund in FY 2008. The purpose of this fund is to mitigate the financial impact of an emergency or catastrophic event. The provision for FY 2017 will be $750,000.

- Structural Renewal and Replacement FY 2017 Expense: $12,531,889

  The proposed Capital Improvement Program projects of $10,327,500 for FY 2017 are included in this fund. Major projects include Alvarado Niles Sewer Rehabilitation, $2,200,000, Thickener Control Building Improvements, $2,100,000, and Fremont and Paseo Padre Lift Station, $1,425,000. In addition, the fund will pay SRF loan payments of $681,000 for the Irvington Equalization Storage Facility project, $108,000 for the Willow/Central Ave. project, $343,000 for Newark Pump Station, $140,000 for the Lower Hetch Hetchy project, $127,000 for the Cedar Blvd project, $157,000 for the Substation 1 project, $444,000 for the Primary Clarifier project, and $206,000 for the Boyce Road project. The provision will be approximately $10,000,000. A detailed CIP schedule is included with this document.

- Pretreatment Fund FY 2017 Expense: $7,000

  Expenses are for supplies, equipment and training that support the Pretreatment Program as required by Ordinance 36. There is no sewer service charge provision for this fund.

- Miscellaneous Expense FY 2017 Expense: $106,000

  The District pays Alameda County an annual fee for administration and sewer service charge collection through the tax rolls, based on the number of parcels.

SEWER SERVICE FUND RESERVES

- Approximately $2,575,180 is anticipated to be transferred to reserves for funding of the FY 2017 Operating Fund, Renewal and Replacement funds, Capital Improvement Program, and related debt servicing.

CAPACITY FUND **FY 2017 Revenues & Proceeds: $9,860,500**

- Revenues for FY 2017 include capacity fees of $8,935,000, and interest income of $125,500. The Board of Directors increased the Capacity Fees based on a Capacity Fee Study conducted during FY 2016 following a public hearing held April 19, 2016. The Capacity Fees will increase FY 2017 through FY 2020. Capacity fees for FY 2017 for Single Family Dwelling Unit (SFD) will increase from $5,595 to $6,421. Over the next four fiscal years capacity fees for SFD will increase to $8,898.

- The Capacity fund is scheduled to receive SRF loan proceeds for the Thickener project in the amount of $700,000.

- The Capacity fund is expected to receive $100,000 in SGIP rebates for the Cogeneration project.

CAPACITY FUND **FY 2017 Expense: $5,265,221**

- The expenditures for FY 2017 include $4,342,500 for the Capacity-related portion of the Capital Improvement Program. Major projects include Fremont and Paseo Padre Lift Station, $1,425,000 and Newark Backyard Relocation, $950,000.

- The Capacity fund will pay debt servicing of $227,000 for the Capacity portion of the Irvington Equalization Storage Facilities project SRF loan and $343,000 for the Capacity portion of the Newark Pump Station SRF loan, $147,000 for Primary Clarifier, and $206,000 for Boyce Road, for a total of $922,721.

CAPACITY FUND RESERVES

- Approximately $4,595,279 is anticipated to be added to Capacity Fund reserves in FY 2017.

STATEMENT OF CASH FLOW AND FUND BALANCES

	FY '16 Budget	FY '16 Projected	FY '17 Proposed
SEWER SERVICE FUND			
Beginning Balance	$35,735,161	$35,735,161	$42,250,286
Revenues and Proceeds:			
Sewer Service Charges	$48,430,260	$50,167,487	$50,404,690
Operating Revenues	1,080,000	1,285,000	1,355,000
Interest Income	215,000	235,000	350,000
SGIP Rebates (Cogen)	100,000	100,000	100,000
Solar Rebates (Irvington & Carport)	174,000	174,000	140,000
SRF Loan Proceeds	4,125,000	2,820,000	2,100,000
Misc. (LAVWMA, enforce fees, surplus items)	119,000	404,078	165,000
Total Revenues and Proceeds	$54,243,260	$55,185,565	$54,614,690
Expenditures:			
Operating	$33,827,303	$32,333,208	$34,534,433
Special Projects	1,522,970	1,093,072	2,132,098
Retiree Medical Benefits (ARC)	561,205	561,205	583,771
R & R - Vehicles & Equipment	379,500	342,000	662,220
R & R - Information System	1,036,700	1,036,700	1,232,100
R & R - Plant & Pump Stations	250,000	250,000	250,000
Emergency Fund (Sink hole)	-	2,100,000	0
Pretreatment Program	12,000	30,000	7,000
Sewer Service Fee from County	106,000	105,866	106,000
Debt Servicing	2,204,389	2,204,389	2,204,389
Capital Program - R & R Structural*	10,553,000	8,614,000	10,327,500
Total Expenditures	$50,453,067	$48,670,440	$52,039,511
Ending Sewer Service Fund Balance	$39,525,354	$42,250,286	$44,825,466

CAPACITY FUND			
Beginning Balance	$16,351,121	$16,351,121	$19,845,400
Revenues:			
Capacity Fees	$4,372,000	$6,900,000	$8,935,000
Interest Income	130,000	130,000	125,500
SGIP Rebates (Cogen)	100,000	100,000	100,000
SRF Loan Proceeds	1,375,000	940,000	700,000
Total Revenues	$5,977,000	$8,070,000	$9,860,500
Expenditures:			
Capital Program*	$4,523,000	$3,653,000	$4,342,500
Debt Servicing - SRF	922,721	922,721	922,721
Total Expenditures	$5,445,721	$4,575,721	$5,265,221
Ending Capacity Fund Balance	$16,882,400	$19,845,400	$24,440,679

*CIP Budgeted at 90%

OPERATING BUDGET			
Work Group	**FY '16 Budget**	**FY '16 Projected**	**FY '17 Proposed**
District Board	$176,481	$176,481	$178,500
General Manager/Administration	953,139	953,139	957,577
Business Services	5,199,612	5,089,000	5,275,645
Collection Services	6,066,202	5,549,608	6,116,287
Technical Services	5,323,323	5,247,800	5,511,940
Treatment & Disposal Services	10,227,304	9,906,438	10,631,833
Fabrication, Maintenance & Construction	5,881,242	5,410,742	5,862,650
Total OPERATING	**$33,827,303**	**$32,333,208**	**$34,534,433**
Percent of FY '16 Budget		**95.6%**	

Percent change from FY '16 Budget **2.09%**

SPECIAL PROJECTS FUND FY '16 - FY '17

DESCRIPTION	BUDGET FY '16	PROJECTION FY '16	ESTIMATED CARRYOVER	New $ (Provision)	PROPOSED BUDGET FY '17
Administrative & Regulatory					
GIS JPA	22,000	22,000	0	22,000	22,000
New Public Outreach Programs (USD video, annual rate notice)	70,000	37,000	33,000	27,000	60,000
Professional Recruitment Services	25,000	26,147	0	0	0
Public Information Program (newsletter)	105,000	97,000	8,000	97,000	105,000
Election Costs (est.)	282,538	180,000	0	0	0
Sub-Total Admin & Regulatory	*504,538*	*362,147*	*41,000*	*146,000*	*187,000*
Studies & Other					
Alvarado Basin Master Plan/PACP Update	50,000	70,000	0	225,000	225,000
Alvarado Sub-Surface Investigation	10,000	6,521	3,479	6,521	10,000
Evaluation of CS Preventive Maintenance Program	80,000	49,934	30,066	0	30,066
Financial Master Plan	50,000	10,000	40,000	60,000	100,000
Irvington Basin Master Plan (carryover from previous FY)	0	3,094	0	0	0
Lateral Pilot Program - Condition Assessment	62,932	15,000	47,932	0	47,932
NPDES Permit Renewal - Old Alameda Creek	38,000	17,282	0	0	0
NPDES Permit Support Services	10,000	0	10,000	0	10,000
Plant Master Plan Update	50,000	0	0	0	0
Plant Paving Condition Assessment	50,000	0	50,000	0	50,000
Plant Solids System/Capacity Master plan	200,000	200,000	0	50,000	50,000
Prop 218 Cost of Service Analysis	70,000	55,000	0	0	0
Pump Station Master Plan	25,000	20,692	0	0	0
Reclaimed Water Feasibility Study	110,000	0	110,000	0	110,000
Seismic Evaluation	0	10,000	0	100,000	100,000
Standard Specs Update	50,000	25,000	25,000	0	25,000
Toilet Rebate Program (funded by Capacity)	70,000	70,000	0	70,000	70,000
New Projects					
Anticipated BAB2E Membership Dues	0	0	0	25,000	25,000
Forcemain Condition Assessment	0	0	0	25,000	25,000
Influent Chemical Dosing Trial (Calcium Nitrate)	0	0	0	40,000	40,000
Local Limits Study	0	0	0	70,000	70,000
Odor Control Study Update	0	0	0	70,000	70,000
Plant Hydraulic Capacity Assessment	0	0	0	100,000	100,000
Project Implementation Master Plan	0	0	0	100,000	100,000
Treatment Plant IT Network Master Plan	0	0	0	150,000	150,000
Treatment Plan Master Plan	0	0	0	350,000	350,000
Water Reclamation Pilot Program (Fill Station)	0	0	0	125,000	125,000
Sub-Total Studies & Other	*925,932*	*552,523*	*316,477*	*1,566,521*	*1,882,998*
Hayward Marsh					
NPDES Permit Annual Fee	2,000	2,037	0	2,100	2,100
NPDES Permit Support Services	37,500	54,000	0	40,000	40,000
Regional Monitoring Plan (RMP) Annual Fee	18,000	19,865	0	20,000	20,000
Rehabilitation Study	17,000	22,500	0	0	0
Sub-Total Hayward Marsh	*74,500*	*98,402*	*0*	*62,100*	*62,100*
Total Special Projects Fund	**1,504,970**	**1,013,072**	**357,477**	**1,774,621**	**2,132,098**
		67.3%			**141.7%**

	Estimated		Projected				
Fiscal Years Ending June 30,	2016		2017	2018	2019	2020	2021
SPECIAL PROJECTS - Fund 30							
Beginning Balance	**$446,299**		**$571,849**	**$150,000**	**$150,000**	**$150,000**	**$150,000**
Revenue							
Provisions from SSC	1,138,622		1,710,249	600,000	600,000	600,000	600,000
Expenditures							
Studies and Projects	1,013,072		2,132,098	600,000	600,000	600,000	600,000
Estimated Carryover	**$571,849**		**$150,000**	**$150,000**	**$150,000**	**$150,000**	**$150,000**

PROJECTS PLANNED FOR FY '17

Project Category	Amount
Administrative & Regulatory	$187,000
Studies & Other	1,882,998
Hayward Marsh	62,100
Total	**$2,132,098**

	Estimated		Projected				
Fiscal Years Ending June 30,	2016		2017	2018	2019	2020	2021
RETIREE MEDICAL - Fund 40							
Beginning Balance	**$16,753**		**$0**	**$0**	**$0**	**$0**	**$0**
Revenue							
Provisions from SSC for ARC*	544,452		583,771	598,276	617,720	637,796	657,000
Expenditures							
Annual Required Contribution (ARC)	561,205		583,771	598,276	617,720	637,796	657,000
Ending Balance	**$0**		**$0**	**$0**	**$0**	**$0**	**$0**

* From actuarial valuation completed in FY'16 - Explicit rate only

REPLACEMENTS SCHEDULED FOR FY '17

Vehicles			Equipment		
QTY	Type	Repl. Cost	QTY	Type	Repl. Cost
1	Hydro Jetter	$325,079	3	Electric Carts	$31,660
1	Truck-mounted Jetter	160,700	1	Onan Generator	11,000
			2	Camera Transporters*	40,000
			2	OZII cameras	40,000
			1	4" Gorman Rupp Diesel Pump	46,781
				Chairs	7,000
	Total for Vehicles	$485,779		Total for Equipment	$176,441
TOTAL VEHICLES AND EQUIPMENT FY '17 BUDGET					$662,220

	Estimated		*Projected*			
Fiscal Years Ending June 30,	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**
RENEWAL & REPLACEMENT VEHICLES AND EQUIPMENT - Fund 50						
Beginning Balance	**$804,057**	**$1,164,000**	**$866,780**	**$784,780**	**$732,780**	**$659,780**
Revenue						
Provisions from SSC	620,000	300,000	400,000	300,000	500,000	711,000
Sale of surplus	81,943	65,000	18,000	26,000	57,000	57,000
Subtotal Revenues	701,943	365,000	418,000	326,000	557,000	768,000
Expenditures						
Vehicles and Equipment	342,000	662,220	500,000	378,000	630,000	960,000
Ending Balance	**$1,164,000**	**$866,780**	**$784,780**	**$732,780**	**$659,780**	**$467,780**

SYSTEM UPGRADES & REPLACEMENTS SCHEDULED FOR FY '17

Project / System	Amount
Hardware & desktop replacements	$382,100
SCADA Master Plan Projects	275,000
ERP System	200,000
Operations Data Mgmt/Business Intelligence	80,000
Non-Residential Billing Prog Replacement	65,000
GIS - Plant Vertical	60,000
Document Management Program	55,000
Collections System GIS	45,000
IT Security	40,000
CCTV Cameras	30,000
Total	$1,232,100

	Estimated		*Projected*			
Fiscal Years Ending June 30,	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**
RENEWAL & REPLACEMENT INFORMATION SYSTEM - Fund 60						
Beginning Balance	**$1,477,779**	**$1,254,127**	**$822,027**	**$692,027**	**$467,027**	**$692,027**
Revenue						
Provisions from SSC	800,000	800,000	800,000	800,000	700,000	700,000
Provisions from SSC	13,048					
Expenditures						
Hardware and desktop replacements	1,036,700	382,100	200,000	300,000	300,000	300,000
IT Master Plan Projects		850,000	730,000	725,000	175,000	400,000
Subtotal Expenses	1,036,700	1,232,100	930,000	1,025,000	475,000	700,000
Ending Balance	**$1,254,127**	**$822,027**	**$692,027**	**$467,027**	**$692,027**	**$692,027**

REPLACEMENTS SCHEDULED FOR FY 2017	
7 Limit Torque valve actuators	$154,000
Subtotal Planned Projects:	$154,000
Unplanned Maintenance	$96,000
Total for FY 2017	$250,000
TOTAL PLANT AND PUMPSTATION R&R FY '17 BUDGET	

	Estimated		Projected				
Fiscal Years Ending June 30,	2016	2017	2018	2019	2020	2021
RENEWAL & REPLACEMENT PLANT AND PUMP STATION - Fund 70						
Beginning Balance	**$127,263**	**$0**	**$0**	**$0**	**$0**	**$0**
Revenue						
Provisions from SSC	122,737	250,000	250,000	250,000	250,000	250,000
Expenditures						
Plant and Pump Station Equipment	250,000	200,000	200,000	200,000	200,000	200,000
Unplanned expenditures		50,000	50,000	50,000	50,000	50,000
Charged to Operating if exceeds Budget						
Ending Balance	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

	Estimated		Projected				
Fiscal Years Ending June 30,	2016	2017	2018	2019	2020	2021
EMERGENCY - Fund 75						
Beginning Balance	**$3,500,000**	**$2,150,000**	**$2,900,000**	**$3,650,000**	**$4,400,000**	**$5,000,000**
Revenue						
Provisions from SSC	750,000	750,000	750,000	750,000	600,000	0
Expenditures						
Sinkhole repairs	2,100,000	0	0	0	0	0
Ending Balance	**$2,150,000**	**$2,900,000**	**$3,650,000**	**$4,400,000**	**$5,000,000**	**$5,000,000**

	Estimated		Projected				
Fiscal Years Ending June 30,	2016	2017	2018	2019	2020	2021
STRUCTURAL RENEWAL & REPLACEMENT - Fund 80						
Beginning Balance	**$215,490**	**$9,491,101**	**$9,299,212**	**$11,329,712**	**$10,961,712**	**$7,332,712**
Revenue						
Provisions from SSC	17,000,000	10,000,000	15,000,000	18,000,000	16,000,000	20,000,000
SRF Proceeds	2,820,000	2,100,000	0	600,000	4,100,000	8,000,000
SGIP Proceeds	100,000	100,000	100,000	100,000	100,000	0
Solar Rebates	174,000	140,000	0	0	0	0
Subtotal Revenues	20,094,000	12,340,000	15,100,000	18,700,000	20,200,000	28,000,000
Expenditures						
CIP Projects	8,614,000	10,327,500	10,300,500	16,299,000	21,060,000	24,480,000
Debt Service (SRF Repayments)	2,204,389	2,204,389	2,769,000	2,769,000	2,769,000	2,769,000
Subtotal Expenses	10,818,389	12,531,889	13,069,500	19,068,000	23,829,000	27,249,000
Ending Balance	**$9,491,101**	**$9,299,212**	**$11,329,712**	**$10,961,712**	**$7,332,712**	**$8,083,712**

	Estimated		Projected				
Fiscal Years Ending June 30,	2016	2017	2018	2019	2020	2021
PRETREATMENT - Fund 85						
Beginning Balance	**$83,301**	**$67,901**	**$60,901**	**$53,901**	**$46,901**	**$39,901**
Revenue						
Enforcement Fees	14,600	0	0	0	0	0
Expenses						
Supplies/Equipment	7,000	4,000	4,000	4,000	4,000	4,000
Training	0	3,000	3,000	3,000	3,000	3,000
Consulting/Legal	23,000	0	0	0	0	0
Subtotal Expenses	30,000	7,000	7,000	7,000	7,000	7,000
Ending Balance	**$67,901**	**$60,901**	**$53,901**	**$46,901**	**$39,901**	**$32,901**

	Estimated		*Projected*			
Fiscal Years Ending June 30,	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**
CAPACITY - Fund 90						
Beginning Balance	**$16,351,121**	**$19,845,400**	**$24,440,679**	**$23,604,904**	**$14,646,629**	**$3,910,854**
Revenue						
Capacity Fees	6,900,000	8,935,000	3,000,000	3,000,000	3,000,000	3,000,000
SRF Proceeds	940,000	700,000	0	0	0	0
SGIP Proceeds (Cogen)	100,000	100,000	100,000	100,000	100,000	0
Interest	130,000	125,500	100,000	100,000	100,000	100,000
Subtotal Revenues	8,070,000	9,860,500	3,200,000	3,200,000	3,200,000	3,100,000
Expenditures						
CIP	3,653,000	4,342,500	2,925,000	11,047,500	12,825,000	6,120,000
Debt Servicing	922,721	922,721	1,110,775	1,110,775	1,110,775	1,110,775
Subtotal Expenses	4,575,721	5,265,221	4,035,775	12,158,275	13,935,775	7,230,775
Ending Balance	**$19,845,400**	**$24,440,679**	**$23,604,904**	**$14,646,629**	**$3,910,854**	**($219,921)**

Annual Contract Purchases of Supplies, Services & Vehicle Renewal Replacements Over $100,000 for Fiscal Year 2017	
	Estimated Expenditure
Supplies:	
Sodium Hypochlorite - One-year contract with successful bidder	$384,000
Hydrogen Peroxide, One-Year Contract with Siemens, Inc.	336,000
Ferrous Chloride, One-Year contract with successful bidder	316,000
Polymer, emulsion, One-Year Contract with successful bidder	281,000
Rotork Actuators	154,000
3 Site Waste Pumps	130,000
Total Supplies:	**$1,601,000**
Services:	
PERS Retirement payments for employees	$3,351,694
PERS Medical - payments for employee coverage	3,212,881
State Water Resources Control Board, Debt payments for eight SRF loans	3,127,110
PG&E, electrical service - Alvarado site ($1,150,000) and Newark P.S. ($207,000)	1,357,000
EBDA Operations & Maintenance payments	1,342,000
Biosolids, Year One of Five with Synagro	776,000
PERS Retiree Medical Trust payments (ARC)	583,771
Insurance (Property & Contents, Fleet, General Liability)	267,600
Total Services:	**$14,018,056**
Vehicle & Equipment Renewal/Replacement:	
Hydro Jetter	$325,079
Truck-mounted Jetter	$160,700
Total Vehicle & Equipment Renewal/Replacement	**$485,779**

Fund	%	Rank	Project Name	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY25	FY26	10-Year Total
ADMINISTRATIVE FACILITIES														
800		1	Admin Bldg. Sesmic Upgrade and Leak Repairs			200	200				3,500	3,600		7,500
900		1	Admin Bldg. Sesmic Upgrade and Leak Repairs											0
800		1	Field Ops Bldg. Sesmic Upgrade and Leak Repairs								200		1,400	1,600
900		1	Field Ops Bldg. Sesmic Upgrade and Leak Repairs											0
800		1	Control Bldg. Sesmic Upgrade								200			200
900		1	Control Bldg. Sesmic Upgrade											0
800		3	Additional CS (Vehicle) Storage							250				250
800		2	FMC Bldg. - New			300	300	4,000	4,100					8,700
900		2	FMC Bldg. - New											0
800		2	FMC Bldgs Renovation and Seismic			100	100			2,000				2,200
900		2	FMC Bldgs Renovation and Seismic											0
800		3	FMC Storage							250				250
800	0.75	2	Lab Remodel and Expansion											0
900	0.25	2	Lab Remodel and Expansion											0
800		3	Plant Paving		200				250					450
800		2	Radio Repeater Antenna Replacement											0
900		3	Solar Panels at Alvarado - Phase II					150	1,500					1,650
800		2	Solar Panel Replacement at Carport					100						100
800		2	Solar Panel Replacement at Irvington						300					300
Total for ADMINISTRATIVE FACILITIES				0	200	600	600	4,250	6,150	2,500	3,900	3,600	1,400	23,200
			Total Priority 1 Administrative Projects	0	0	200	200	0	0	0	3,900	3,600	1,400	9,300
			Total Priority 2 Administrative Projects	0	0	400	400	4,100	4,400	2,000	0	0	0	11,300
			Total Priority 3 Administrative Projects	0	200	0	0	150	1,750	500	0	0	0	2,600
			Total Fund 800 - Administrative Facilities	0	200	600	600	4,100	4,650	2,500	3,900	3,600	1,400	21,550
			Total Fund 900 - Administrative Facilities	0	0	0	0	150	1,500	0	0	0	0	1,650
COLLECTION SYSTEM														
800		1	Alvarado-Niles Sewer Rehab	2,200										2,200
900		1	Alvarado-Niles Sewer Rehab											0
800		2	Cast Iron/Pipe Lining		500	500		500		500		500		2,500
900		2	Cast Iron/Pipe Lining											0
800		2	Gravity Sewer Rehab/Replacement		1,500		1,500		1,500		1,500		1,500	7,500

Fund	%	Rank	Project Name	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY25	FY26	10-Year Total
800		1	RCP Sewer Rehab (Alvarado Basin)							300	3,000			3,300
900		1	RCP Sewer Rehab (Alvarado Basin)											0
800		1	RCP Sewer Rehab (Irvington Basin)						300	3,000				3,300
900		1	RCP Sewer Rehab (Irvington Basin)											0
800		1	RCP Sewer Rehab (Newark Basin)				300	3,000						3,300
900		1	RCP Sewer Rehab (Newark Basin)											0
800	0.50	1	Newark Backyard Relocation	950										950
900	0.50	1	Newark Backyard Relocation	950										950
800		1	Pine St. Easement	200										200
900		2	Stevenson at Davis St.				150	1,000						1,150
900		3	Veasy St. Sewer Improvements											0
Total for COLLECTION SYSTEM				4,300	2,000	500	1,950	4,500	1,800	3,800	4,500	500	1,500	25,350
			Total Priority 1 Collection Projects	4,300	0	0	300	3,000	300	3,300	3,000	0	0	14,200
			Total Priority 2 Collection Projects	0	2,000	500	1,650	1,500	1,500	500	1,500	500	1,500	11,150
			Total Priority 3 Collection Projects	0	0	0	0	0	0	0	0	0	0	0
			Total Fund 800 - Collection System	3,350	2,000	500	1,800	3,500	1,800	3,800	4,500	500	1,500	23,250
			Total Fund 900 - Collection System	950	0	0	150	1,000	0	0	0	0	0	2,100
TRANSPORT SYSTEM PROJECTS														
800	0.50	2	Alameda Creek Crossing Lift Station											0
900	0.50	2	Alameda Creek Crossing Lift Station											0
800		2	Cathodic Protection Improvements - Transport			100			100			100		300
900		2	Cathodic Protection Improvements - Transport											0
900		2	Equalization Storage @ Alvarado	50	50	1,500	4,000							5,600
900		3	Equalization Storage @ Irvington							300	3,000			3,300
900		3	Equalization Storage @ Newark				600		2,500	2,500				5,600
800		1	Forcemain Corrosion Repairs - West	150	100									250
800		1	Forcemain Corrosion Repairs - East		100	100								200
800		3	Forcemain Lining											0
800	0.50	1	Fremont & PP LS\ Internal Lift Pumps	1,425										1,425
900	0.50	1	Fremont & PP LS\ Internal Lift Pumps	1,425										1,425
800	0.50	2	Hayward Marsh Equipment Removal		50	500								550
900	0.50	2	Hayward Marsh Equipment Removal		50	500								550

Fund	%	Rank	Project Name	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY25	FY26	10-Year Total
800		2	Irvington PS Pumps and VFDs							400	2,400	2,400		5,200
900		2	Irvington PS Pumps and VFDs											0
800		2	New Cherry St. PS						800					800
900		2	New Cherry St. PS											0
800	0.50	1	Newark PS Mod Valve & Boost Line Mods	25	225									250
900	0.50	1	Newark PS Mod Valve & Boost Line Mods	25	225									250
800		2	Newark PS Wetwell Exhaust Fan Replacemer		50	350								400
900		2	Newark PS Wetwell Exhaust Fan Replacement											0
800		3	Pump Station Master Plan Equipment R&R		120	60	400			2,300		6,800	4,200	13,880
900		3	Pump Station Master Plan Equipment R&R											0
800		3	Stevenson Communication Tower											0
900		3	Stevenson Communication Tower											0
800		3	Transport System Misc. Projects		100	100	1,000	100	100	1,000	100	100	1,000	3,600
900		3	Transport System Misc. Projects											0
800	0.50	1	Wet Weather Flow Management	675	500	500	300	2,500	2,075					6,550
900	0.50	1	Wet Weather Flow Management	675	500	500	300	2,500	2,075					6,550
Total for TRANSPORT SYSTEM PROJECTS				4,450	2,070	4,210	6,600	5,100	7,650	6,500	5,500	9,400	5,200	56,680
			Total Priority 1 Transport Projects	4,400	1,650	1,100	600	5,000	4,150	0	0	0	0	16,900
			Total Priority 2 Transport Projects	50	200	2,950	4,000	0	900	400	2,400	2,500	0	13,400
			Total Priority 3 Transport Projects	0	220	160	2,000	100	2,600	6,100	3,100	6,900	5,200	26,380
			Total Fund 800 - Transport System	2,275	1,245	1,710	1,700	2,600	3,075	3,700	2,500	9,400	5,200	33,405
			Total Fund 900 - Transport System	2,175	825	2,500	4,900	2,500	4,575	2,800	3,000	0	0	23,275

Fund	%	Rank	Project Name	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY25	FY26	10-Year Total
TREATMENT PROJECTS														
900		2	3rd Degritter System	700	1,000									1,700
800		2	30" ML Pipe Lining			100	500							600
800	0.50	2	Aeration Internal Lift Pumps			100	1,400							1,500
900	0.50	2	Aeration Internal Lift Pumps			100	1,400							1,500
800	0.50	1	Aeration System Rehab	25		200	1,000	1,000						2,225
900	0.50	1	Aeration System Rehab	25		200	1,000	1,000						2,225
900		2	Aeration Tank (East) Baffling and Improvements		500	2,500	2,500							5,500
800		2	Aeration Tank (East) Roof		300	1,400	1,600							3,300
800		2	Alvarado Influent PS Pumps and VFDs			200	1,000	1,000						2,200
900		2	Alvarado Influent PS Pumps and VFDs											0
800		2	Alvarado Influent Valve Box Gate Valves 1-2				300							300
800		3	Blower Bldg Channel Blower Demo & Repl		100	500								600
800		2	Cathodic Protection Improvements		100		100		100		100		100	500
900		2	Cathodic Protection Improvements											0
800	0.50	2	Centrifuge Conveyance						375		1,650	1,650	1,500	5,175
900	0.50	2	Centrifuge Conveyance						375		1,650	1,650	1,500	5,175
800	0.50	2	Centrifuge Replacement						700		3,000	3,000	2,850	9,550
900	0.50	2	Centrifuge Replacement						700		3,000	3,000	2,850	9,550
800	0.50	1	Cogen Project	175										175
900	0.50	1	Cogen Project	175										175
800		1	Cogen Engine Rebuild	500					1,000					1,500
800		2	Cogen SCR				100	1,150						1,250
900		3	Contact Tank Third Pass											0
800		2	Contact Tank Valve Replacement				100	1,000						1,100
800		2	Control Box No. 1 Improvements			150	1,500	1,500						3,150
800		1	Diffuser Replacement	100			100	300						500
800		2	Digesters 1-3 Gas Isolation Valves	100										100
800		1	Digester No. 3 Insp & Rehab	100	400									500
900		2	Digester No. 7	100	700	5,200	4,000							10,000

Fund	%	Rank	Project Name	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY25	FY26	10-Year Total
800		2	Emergency Outfall Outlet Improvements	50	400									450
800	0.50	2	Ferrous Tanks at Degritter and Newark PS						25	600				625
900	0.50	2	Ferrous Tanks at Degritter and Newark PS						25	600				625
800		2	Gravity Belt Thickener		800		3,500	4,000						8,300
800		2	Generator Controls Upgrade											0
900		2	Headworks 3rd Bar Screen		150	1,350								1,500
800		2	Headworks Gates and Actuators		100	1,500								1,600
800		2	Headworks Bar Screens 1-2 Replacement					300	2,000	1,000				3,300
800		2	Headworks Valve Box Gate Valves 1-3	150	200									350
800		1	Hypo Tank and PVC pipe replacement at OCE	1,000	1,300									2,300
800		1	MCC Replacement	300			100	1,000	100	1,000				2,500
800		2	Misc. Electrical Equipment Upgrade		500		500		500		500		1,000	3,000
800		2	Misc. Projects		250	250	250	300	300	300	300	300	300	2,550
800	0.50	2	Nutrient Removal									2,000	4,500	6,500
900	0.50	2	Nutrient Removal									2,000	4,500	6,500
800		2	Odor Control Bldg Switchboard Replacement											0
900		2	Odor Control Bldg Switchboard Replacement											0
800		2	Odor Scrubber System Improvements						550	5,500		600	6,000	12,650
900		2	Odor Scrubber System Improvements											0
800		1	Plant Facilities Improvements	1,000										1,000
800		2	Plant 12kV Switchgear								700	3,500		4,200
900		2	Plant 12kV Switchgear											0
800		2	Plant 5kV Switchgear								700	2,800		3,500
900		2	Plant 5kV Switchgear											0
800		2	Plant Master Plan Equipment R&R		550	650	1,200		2,900	850	5,600	1,700	6,100	19,550
900		2	Plant Master Plan Equipment R&R											0
800		2	Plant Site Drainage Improvements					1,500						1,500
900		2	Plant Site Drainage Improvements											0
800		2	PLC Replacement											0
800		1	Primary Clarifier (1 - 4) Sesmic Upgrade					350	2,100	2,200				4,650
900		1	Primary Clarifier (1 - 4) Sesmic Upgrade											0

Fund	%	Rank	Project Name	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY25	FY26	10-Year Total
800	0.75	2	Primary Clarifier Rehab (5-6)						410	1,875	1,875			4,160
900	0.25	2	Primary Clarifier Rehab (5-6)						140	625	625			1,390
800		1	Primary Effluent (60") Pipeline Rehab											0
800	0.50	2	RAS PS Pumps Replacement				75	475	250					800
800	0.50	2	RAS PS Pumps Replacement				75	475	250					800
800		3	Reclaimed Water Plant											0
900		3	Reclaimed Water Plant											0
800		2	Repairs to Concrete Tanks		200	200	200	200	200	200	200	200	200	1,800
800	0.75	2	Sec. Clarifiers No. 5 and 6 Rehabilitation				300	1,650	1,650					3,600
900	0.25	2	Sec. Clarifiers No. 5 and 6 Rehabilitation				100	550	550					1,200
900		3	Secondary Clarifiers No. 7,8											0
800		2	Seismic Retrofit of Conc. Structures						200	2,000	300	3,000	300	5,800
900		2	Seismic Retrofit of Conc. Structures											0
800		2	Site Waste Pumps and Check Valves			150	1,400							1,550
900		2	Site Waste Pumps and Check Valves											0
800		3	Sludge Drying (BACWA)	100	100	100								300
800	0.50	2	Sludge Recirculation Pump Replacement					100	75					175
900	0.50	2	Sludge Recirculation Pump Replacement					100	75					175
800		2	Standby Generators 5 and 6											0
800		2	Standby Power Generation System Upgrade	150	1,100	6,000	4,000	700						11,950
900		3	Storm Water Diversion Pump Station				200	1,500						1,700
800		2	Substation No. 2 Replacement		1,500	1,500								3,000
900		2	Substation No. 2 Replacement											0
800		2	Switchboard 3 Replacement						50	300				350
900		2	Switchboard 3 Replacement											0
800		2	Switchboard 4 Replacement							50	325			375
900		2	Switchboard 4 Replacement											0
800	0.75	1	Thickener Control Bldg Improvements	2,100										2,100
900	0.25	1	Thickener Control Bldg Improvements	700										700
800		2	Thickener Mechanisms 1-2		100	2,200								2,300
900		2	Thickener Mechanisms 1-2											0
800		2	Truck Scales Improvements			100								100
800		2	Water Storage Tank											0

Fund	%	Rank	Project Name	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY25	FY26	10-Year Total
900		2	Waste Recycling and Alternative Energy						500	5,000				5,500
900		3	West Access Road Lighting Improvements		75	425								500
Total for TREATMENT				7,550	10,425	25,075	28,500	20,150	16,100	22,100	20,525	25,400	31,700	207,525
			Total Priority 1 Treatment Projects	6,200	1,700	400	2,200	3,650	3,200	3,200	0	0	0	20,550
			Total Priority 2 Treatment Projects	1,250	8,450	23,650	26,100	15,000	12,900	18,900	20,525	25,400	31,700	183,875
			Total Priority 3 Treatment Projects	100	275	1,025	200	1,500	0	0	0	0	0	3,100
			Total Fund 800 - Treatment Plant	5,850	8,000	15,300	19,300	17,000	13,735	15,875	15,250	18,750	22,850	151,910
			Total Fund 900 - Treatment Plant	1,700	2,425	9,775	9,200	3,150	2,365	6,225	5,275	6,650	8,850	55,615
GRAND TOTAL				16,300	14,695	30,385	37,650	34,000	31,700	34,900	34,425	38,900	39,800	312,755
FUND 800 - Structural Renewal & Replacement				11,475	11,445	18,110	23,400	27,200	23,260	25,875	26,150	32,250	30,950	230,115
FUND 900 - Capacity				4,825	3,250	12,275	14,250	6,800	8,440	9,025	8,275	6,650	8,850	82,640

Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

Officers
Paul R. Eldredge
General Manager/
District Engineer

Karen W. Murphy
Attorney

DATE: June 20, 2016

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
Al Bunyi, Associate Engineer

SUBJECT: Agenda Item No. 10 - Meeting of June 27, 2016
Consider a Resolution to Accept a Sanitary Sewer Easement for Tract 8127 – Mission Place, Located along Driscoll Road Between Beatrice Street and Rosewalk Court in the City of Fremont

Recommendation

Consider a Resolution to accept a sanitary sewer easement for Tract 8127 - Mission Place located along Driscoll Road between Beatrice Street and Rosewalk Court in the city of Fremont.

Background

Summerhill Driscoll, LLC is constructing twenty-four, multifamily residential units at Driscoll Road, between Beatrice Street and Rosewalk Court, in the city of Fremont. A vicinity map is attached. Sanitary sewer service to the residential development will be provided by the construction of a new 8-inch main, connected to an existing 8-inch main in Driscoll Road. Summerhill Driscoll, LLC has constructed the new sewer main across Driscoll Road and in streets within the development. The streets within the development do not meet the City of Fremont street dimension and structure setback requirements and were, therefore, designated as a private streets. Summerhill Driscoll, LLC has granted the District a sanitary sewer easement that provides for access, maintenance and service of the new sewer mains within the private streets.

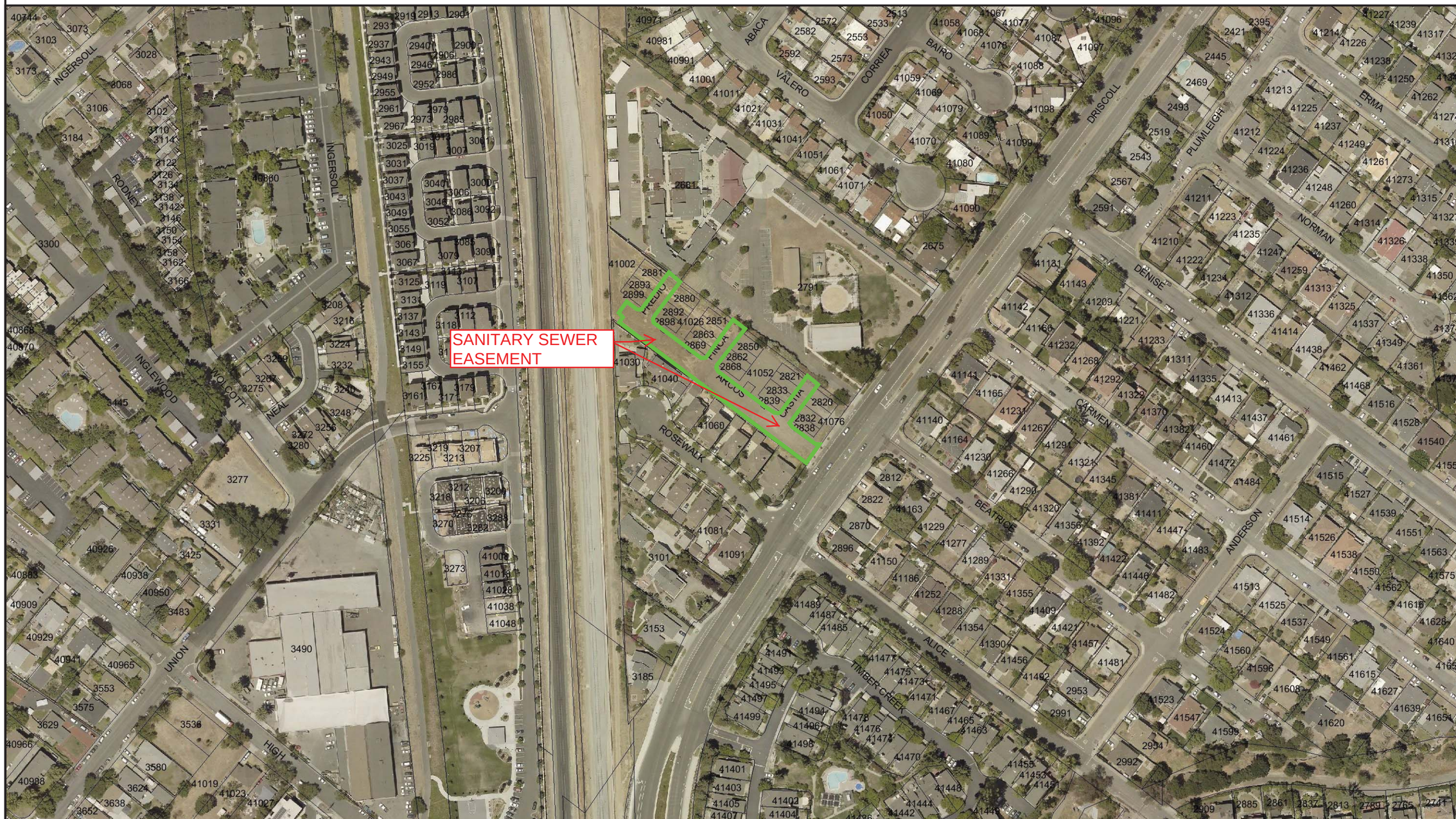
District staff has reviewed the legal description and plat map of the easement and recommends approval.

PRE/SEG/RA/AB:ks

Attachments: Vicinity Map
Resolution
Grant of Easement

GRANT OF EASEMENT - TRACT 8127 MISSION PLACE

VICINITY MAP



Site

Legend

- Identified Features
- Streets
- Parcels
- Lakes
- 2014 Aerial Photo

0 150 300ft

Printed: 6/1/2016 3:24:4

For USD use only

Disclaimer:
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.

UNION SANITARY DISTRICT

RESOLUTION NO._____

ACCEPT A SANITARY SEWER EASEMENT FOR TRACT 8127- MISSION PLACE LOCATED ALONG DRISCOLL ROAD BETWEEN BEATRICE STREET AND ROSEWALK COURT IN THE CITY OF FREMONT, CA

RESOLVED by the Board of Directors of UNION SANITARY DISTRICT, that it hereby accepts the Grant of Easement from Summerhill Driscoll, LLC executed on May 9, 2016, as described in the Grant of Easement for Sanitary Sewer Purposes and by attached Exhibit A and Exhibit B. Legal Counsel for the District is hereby authorized to attend to the recordation thereof.

On motion duly made and seconded, this resolution was adopted by the following vote on June 27, 2016:

AYES:

NOES:

ABSENT:

ABSTAIN:

_____
JENNIFER TOY
President, Board of Directors
UNION SANITARY DISTRICT

Attest:

_____
PAT KITE
Secretary, Board of Directors
UNION SANITARY DISTRICT

GRANT OF EASEMENT

FOR SANITARY SEWER PURPOSES

THIS INDENTURE, made this 9th day of May 2016, by and between SummerHill Driscoll LLC, the Party/Parties of the First Part, and Union Sanitary District, the Party/Parties of the Second Part,

WITNESSETH:

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

SummerHill Driscoll LLC

By: SummerHill Homes, LLC, a California Limited Liability Company

Its: Manager

By: _____

Name: Douglas C McDonald

Its: CFO

By: _____

Name: Jason Biggs

Its: Asst. Secretary

(Notarize)

EXHIBIT A
SANITARY SEWER EASEMENT
TRACT 8127 (327 M 8)
FREMONT, CALIFORNIA

Real property situate in the City of Fremont, County of Alameda, State of California described as follows:

Being the areas labeled Sanitary Sewer Easement (SSE) as shown on the final map of Tract 8127, filed on June 13, 2014 in Book 327 of Maps at Page 8, Alameda County Records.

See Exhibit B – Plat Map of Sanitary Sewer Easement Granted to Union Sanitary District, which is attached hereto and made a part hereof.

END OF DESCRIPTION

This description was prepared by or under the direction of:

April 21, 2016

Alvin Leung, PLS Date

LICENSED LAND SURVEYOR
ALVIN LEUNG
PLS 6630
STATE OF CALIFORNIA

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 the document.

STATE OF CALIFORNIA) SS
COUNTY OF CONTRA COSTA)

On May 9, 2016, before me, Veronica Simon, Notary Public, personally appeared Douglas L. McDonald and Jason R. Biggs, 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

Veronica Simon

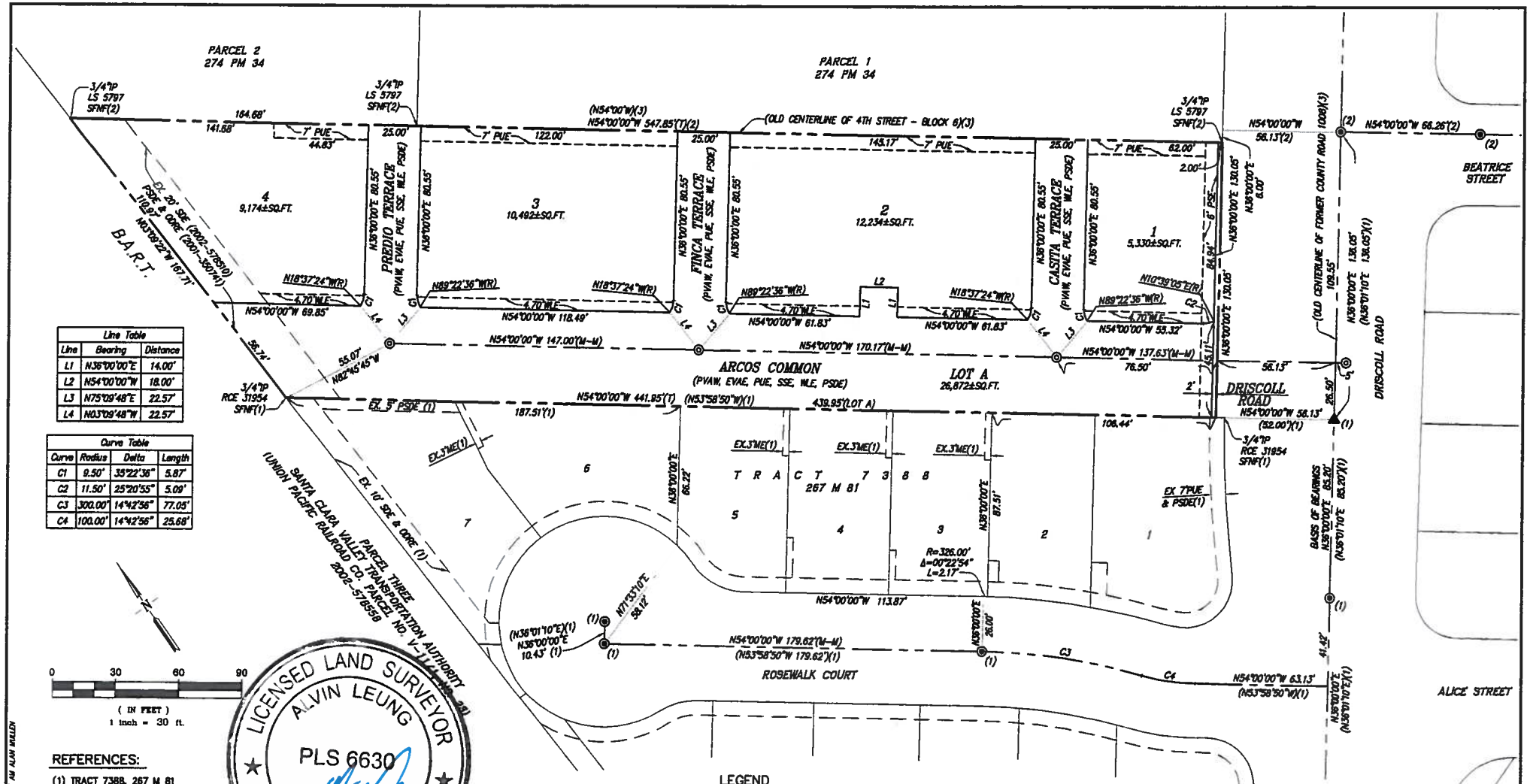
VERONICA SIMON
Commission # 2126016
Notary Public - California
Contra Costa County
My Comm. Expires Sep 16, 2019

My Commission Expires: September 16, 2019

This area for official notarial seal

Notary Name: Veronica Simon
Notary Registration Number: 2126016

Notary Phone: 925-575-5794
County of Principal Place of Business: Contra Costa



Line Table		
Line	Bearing	Distance
L1	N36°00'00"E	14.00'
L2	N54°00'00"W	18.00'
L3	N75°09'48"E	22.57'
L4	N03°09'48"W	22.57'

Curve Table			
Curve	Radius	Delta	Length
C1	9.50'	35°22'36"	5.87'
C2	11.50'	25°20'55"	5.09'
C3	300.00'	14°42'56"	77.05'
C4	100.00'	14°42'56"	25.68'

LICENSED LAND SURVEYOR
ALVIN LEUNG
PLS 6630
STATE OF CALIFORNIA

04/21/2016

REFERENCES:

(1) TRACT 7388, 267 M 81
(2) PARCEL MAP 6101, 274 PM 34
(3) BOND TRACT MAP, 23 M 28

NOTES:

1. THE GROSS AREA WITHIN THE TRACT IS 1.48 ACRES MORE OR LESS.
2. ALL MONUMENT TIE LINES ARE AT RIGHT ANGLES TO THE MONUMENT LINE UNLESS OTHERWISE NOTED.

BASIS OF BEARINGS

THE BEARING OF N36°00'00"E OF THE OLD CENTERLINE BETWEEN FOUND MONUMENTS IN DRISCOLL ROAD AS SHOWN ON BOND TRACT MAP, FILED IN BOOK 23 OF MAPS AT PAGE 28, ALAMEDA COUNTY RECORDS, IS TAKEN AS THE BASIS OF BEARINGS FOR THIS MAP.

LEGEND

- EXTERIOR BOUNDARY LINE
- LOT LINE
- EXISTING EASEMENT LINE
- NEW EASEMENT LINE
- MONUMENT LINE
- MONUMENT TIE LINE
- EXISTING PROPERTY LINE
- FOUND MONUMENT PER REFERENCE AS NOTED
- SET STANDARD CITY CONCRETE MONUMENT, STAMPED LS 6441
- FOUND NAIL AND SHINER

EX.	EXISTING
EVAE	EMERGENCY VEHICLE ACCESS EASEMENT
PSE	PUBLIC SERVICE EASEMENT
PUE	PUBLIC UTILITY EASEMENT
PVAW	PRIVATE VEHICLE ACCESS WAY
PSDE	PRIVATE STORM DRAIN EASEMENT
OORE	OVERLAND DRAINAGE RELEASE EASEMENT
SDE	STORM DRAIN EASEMENT
SSE	SANITARY SEWER EASEMENT
WLE	WATER LINE EASEMENT
ME	MAINTENANCE EASEMENT
(M-M)	MONUMENT TO MONUMENT
IP	IRON PIPE
(R)	RADIAL
(T)	TOTAL
(DATA)(1)	RECORD DATA & REFERENCE
SQ.FT.	SQUARE FEET
SFNF	SEARCHED FOR, NOTHING FOUND

EXHIBIT B

PLAT MAP OF SANITARY SEWER EASEMENT GRANTED TO UNION SANITARY DISTRICT

CITY OF FREMONT
ALAMEDA COUNTY, CALIFORNIA

RUGGERI-JENSEN-AZAR & ASSOCIATES
CIVIL ENGINEERS, PLANNERS, SURVEYORS
PLEASANTON, CALIFORNIA
APRIL 2016

JOB NO. 121078

SHEET 3 OF 3 SHEETS

G:\JOBS\121078\MAPPING\PLATS\SSE.DWG 4/20/2016 7:52:33 AM ALAN WALLEY

Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

Officers
Paul R. Eldredge
General Manager/
District Engineer

Karen W. Murphy
Attorney

DATE: June 20, 2016

MEMO TO: Board of Directors - Union Sanitary District

FROM: Paul R. Eldredge, General Manager/District Engineer
Sheila Tolbert, Human Resources Manager

SUBJECT: Agenda Item No. 11 - Meeting of June 27, 2016
Provide Direction Regarding 2016 Board Compensation Survey

Recommendation

Provide direction as necessary regarding a Board Compensation Survey

Background

At the December 14, 2015, Board meeting it was requested that the District prepare a survey of Board compensation for surrounding agencies with comparable services. Previously, Human Resources conducted a Board of Director Survey in 2011 and 2014. Both of these surveys included salary (per diem rate) and various benefits.

The agencies used in the 2011 survey were as follows:

1. Alameda County Water District
2. Castro Valley Sanitary District
3. Central Contra Costa Sanitary District
4. Delta-Diablo Sanitary District
5. Dublin San Ramon Services District
6. East Bay Municipal Utility District
7. Oro Loma Sanitization District
8. South Bayside System Authority
9. Vallejo Sanitation and Flood Control District
10. West County Wastewater District

In 2014, the list of agencies included:

1. Alameda County Water District
2. Calleguas Water District
3. Central Contra Costa Sanitary District
4. East Bay Municipal Utility District
5. Inland Empire Utilities, Irvine Ranch Water District
6. Los Angeles County Sanitation District
7. Metropolitan Water District of So Cal
8. Triunfo Sanitation District
9. Vallecitos Water District
10. Las Virgenes MWD

Either of the lists of agencies above, or some combination thereof would be sufficient to do the survey. Other agencies the Board could consider, not already included above could be:

1. Central Marin Sanitation Agency
2. Fairfield- Suisun Sewer District
3. Encina Wastewater Authority
4. Irvine Ranch Water District
5. Monterey Regional Water Pollution Control
6. Silicon Valley Clean Water
7. West County Wastewater District

In addition to direction on which agencies to survey, staff would also like to clarify if the Board is interested in just the salary, or all benefits (salary, medical retirement etc.). The length of time necessary to complete the survey will depend upon the number of agencies and the level of information desired. The intent is start the survey as soon as possible with the current schedule of sharing with the Board in late fall of 2016.

Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

Officers
Paul R. Eldredge
General Manager/
District Engineer

Karen W. Murphy
Attorney

DATE: June 20, 2016

TO: Board of Directors - Union Sanitary District

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

SUBJECT: Agenda Item No. 12 - Meeting of June 27, 2016
Information Item: **Monthly Operations Report for May 2016**

Background

Attached are Monthly Operations Reports for May 2016. 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 two odor complaints received in the May 2016. The first was received from Fremont. No odors were found after staff inspected the USD mains, storm drain inlets, alley adjacent to the building, and grease traps. The complaining party was advised they should contact the property manager to request they inspect the drains and ceiling pipe vents for the source of the odor inside the building. The second complaint was received from a Union City resident regarding an odor reportedly emanating from the treatment plant. The Plant Coach and operator conducted two odor patrols in the afternoon and no odor was detected.

SAFETY:

- There was a near miss in the treatment plant while using the steam cleaner. An employee bypassed the pressure relief valve causing the equipment to overheat and damage the hose. Procedures were established to prevent this type of incident in the future.

- We had an employee decline medical treatment for an injury in February. He tripped fell and sprained his finger. In May he reported he was still having pain. He went to the doctor who put him on restricted duty to allow healing.
- A contractor had an employee get injured in a confined space. The employee couldn't get himself out of the space so the Fire Department was called to assist. The employee was removed from the space and taken to the hospital. The employee was back to work the next week.
- USD has been asked to participate with Union City and Newark to develop a combined Hazard Mitigation Plan. Mike Marzano will be attending.

STAFFING & PERSONNEL:

Completed Recruitments Resulting in Promotions:

- 5/16/16 Tom Herlihy promoted to Collection Systems Trainer

Other Completed Recruitments:

- 5/31/16 Mosa Tatakamotonga started as Mechanic I

Recruitments Opened:

- 5/16/16 Collection Services Worker I Recruitment opened
- 5/2/16 Plant Operator III/Plant Operator III Trainee Recruitment opened

Other Accomplishments:

- Offer made for Associate Engineer – Rod Schurman, Date of Hire was 6/6/16
- Offer made for Training and Emergency Response Programs Manager – Karoline Terrazas, Date of Hire was 6/6/16
- 2016 USD Leadership School applications were sent out
- Harassment Free Workplace training started; total of 5 employee sessions and 1 management/coach session will be completed
- Responded to draft PERS audit findings

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

- Participated in the Executive Team Retreat May 10-11, 2016
- Participated in the Board Closed Session May 23, 2016
- Attended the Certificates of Merit event held May 25, 2016

Attachments: Odor Report and Map
Hours Worked and Leave Time by Work Group
Financial Reports
Business Services
Technical Services
Collection Services
Fabrication, Maintenance, and Construction
Treatment and Disposal Services

ODOR REPORT
May 2016

During the recording period from May 01, 2016 through May 31, 2016, there were two odor related service requests received by the District.

City: Fremont

1. ***Complaint Details:***

Date: 5/6/2016
Time: 2:25 pm
Location: MOWRY AV
Reported By: Don Cheema
Wind (from): North
Wind Speed: 10 mph
Temperature: 65 Degrees F
Weather: Rainy

Response and Follow-up:
We inspected USD mains, storm drain inlets, the alley adjacent to the building and grease traps. We found no odors in the area. The problem resided inside the building only. We told them to call the property manager and have them inspect the drains and ceiling pipe vents for the source of the odor inside the building.

City: Union City

2. ***Complaint Details:***

Date: 5/25/2016
Time: 2:00 pm
Location: MACKINAW ST
Reported By: Sam Dua
Wind (from): Northeast
Wind Speed: 11 mph
Temperature: 64 Degrees F
Weather: Cloudy

Response and Follow-up:
Resident called on 5/26/2016 to report odor for the previous day. Reports of no odors detected for the previous two weeks and there were no odors on the day of the call. Plant Coach and Operator conducted two odor patrols at 4:50 p.m. and 5:35 p.m. to confirm there were no odors detected.

Legend

Odor Complaints: May 2016

- ★ Odor found, resolution in progress (0)
- ● Odor found, not related to USD (0)
- ▲ No odor found (2)

Odor Complaints: Jun. 2015 to Apr. 2016

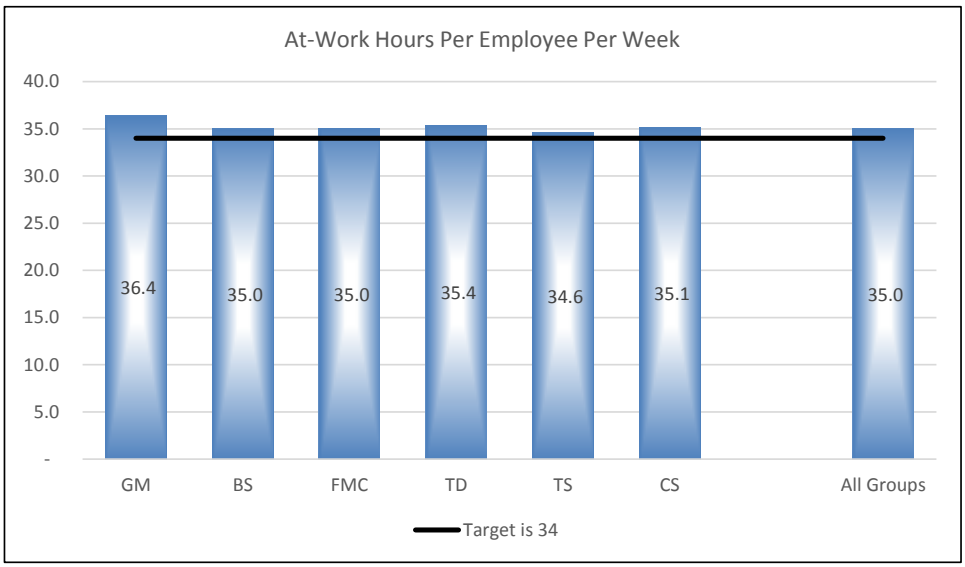
- ★ Odor found, USD resolved (9)
- ● Odor found, not related to USD (4)
- ▲ No odor found (10)

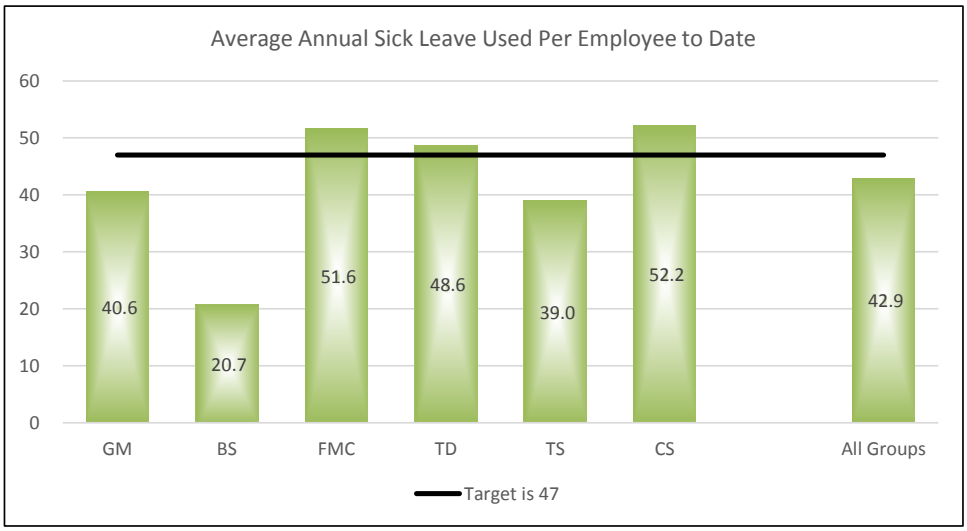
0 0.5 1 2 3 4 5 Miles

Location of Odor Reports
June 2015 to May 2016

N
W E
S

HOURS WORKED AND LEAVE TIME BY WORK GROUP
July 2, 2015 through June 15, 2016
Weeks to Date: 50 out of 52 (96.2%)





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

July 2, 2015 through June 15, 2016

Weeks to Date: 50 out of 52 (96.2%)

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	FY15		
		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	3,554.75	71.25	36.4	364.00	-	-	81.25	40.6	3	34.4	28.8
BS	22	38,049.10	328.36	35.0	5,259.43	-	-	456.31	20.7	22	35.3	30.2
FMC	22	37,741.75	695.34	35.0	4,701.50	260.37	-	1,135.38	51.6	23	34.2	52.4
TD	25	43,003.42	1,083.91	35.4	5,364.08	333.09	-	1,215.41	48.6	25	35.3	24.1
TS	32	54,765.99	397.14	34.6	6,500.49	147.39	-	1,247.94	39.0	30	35.0	28.1
CS	31	51,271.18	3,046.49	35.1	7,329.30	335.95	324.00	1,617.58	52.2	29	36.8	68.4
All Groups	**134**	**228,386.19**	**5,622.49**	**35.0**	**29,518.80**	**1,076.80**	**324.00**	**5,753.87**	**42.9**	**132**	**35.3**	**40.8**

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.

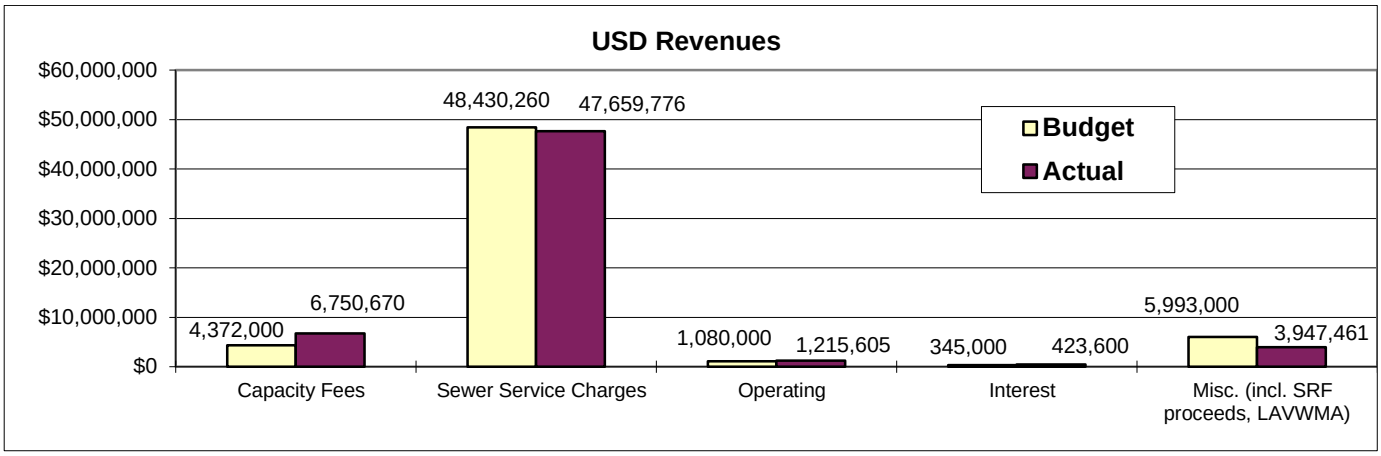
BUDGET AND FINANCE REPORT

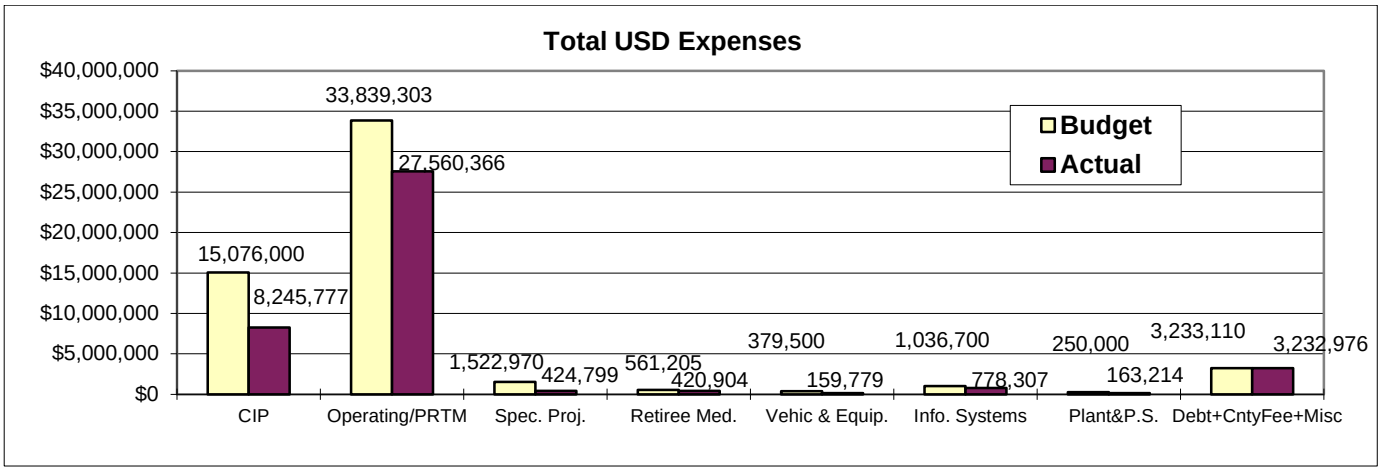
FY 2016	Year-to-date as of 5/31/16		92% of year elapsed	
Revenues	**Budget**	**Actual**	**% of Budget Rec'd**	**Audited Last Year Actuals 6/30/15**
Capacity Fees	$4,372,000	$6,750,670	154%	$4,820,637
Sewer Service Charges	48,430,260	47,659,776	98%	48,379,254
Operating	1,080,000	1,215,605	113%	1,143,435
Interest	345,000	423,600	123%	309,600
Misc. (incl. LAVWMA pymnt, solar, Cogen rebates)	493,000	561,871	114%	2,127,594
Subtotal Revenues	$54,720,260	$56,611,523	103%	$56,780,521
SRF Loan Proceeds (Thickener)	5,500,000	3,385,590	62%	4,501,122
Total Revenues + SRF Proceeds	**$60,220,260**	**$59,997,113**	**100%**	**$61,281,643**
Expenses	**Budget**	**Actual**	**% of Budget Used**	**Last Year Actuals**
Capital Improvement Prog.				
Capacity Projects	$4,523,000	$2,396,217	53%	$3,755,472
Renewal & Repl. Projects	10,553,000	5,849,560	55%	12,194,927
Operating	33,827,303	27,534,028	81%	30,058,848
Special Projects	1,522,970	424,799	28%	1,065,653
Retiree Medical (Annual Required Contribution)	561,205	420,904	75%	543,540
Vehicle & Equipment	379,500	159,779	42%	787,159
Information Systems	1,036,700	778,307	75%	616,117
Plant & Pump Station R&R	250,000	163,214	65%	168,089
Pretreatment Fund	12,000	26,338	219%	109,499
County Fee for Sewer Service Charge Admin.	106,000	105,866	100%	105,559
Debt Servicing:				
SRF Loans (**Irv.**,**Wilw**,**LHH**,**Cdr**,**NPS**, **Sub1**,**Boyc**,**Prim Cl**)	3,127,110	3,127,110	100%	3,127,110
Total Expenses	**$55,898,788**	**$40,986,122**	**73%**	**$52,531,974**
Total Revenue & Proceeds less Expenses	***$4,321,472***	***$19,010,991***		***$8,749,669***

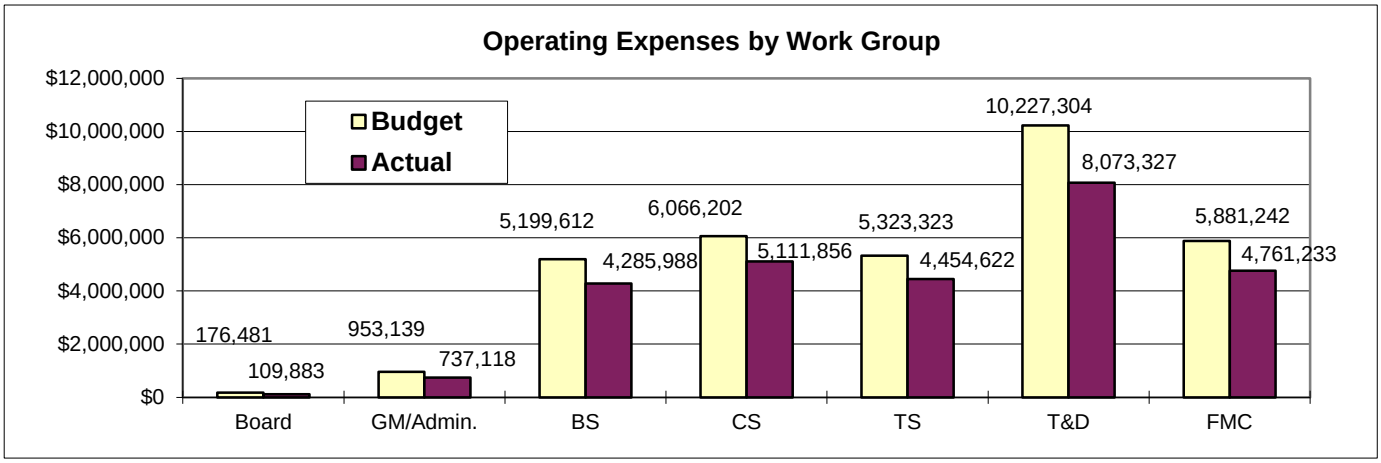
Gross Operating Expenses by Work Group	**Budget**	**Actual**	**% of Budget Used**	**Last Year Actuals**
Board of Directors	$176,481	$109,883	62%	$135,699
General Manager/Admin.	953,139	737,118	77%	987,502
Business Services	5,199,612	4,285,988	82%	4,460,485
Collection Services	6,066,202	5,111,856	84%	5,447,126
Technical Services	5,323,323	4,454,622	84%	4,693,517
Treatment & Disposal Services	10,227,304	8,073,327	79%	9,172,622
Fabrication, Maint. & Construction	5,881,242	4,761,233	81%	5,161,897
Total	$33,827,303	$27,534,028	81%	**$30,058,848**

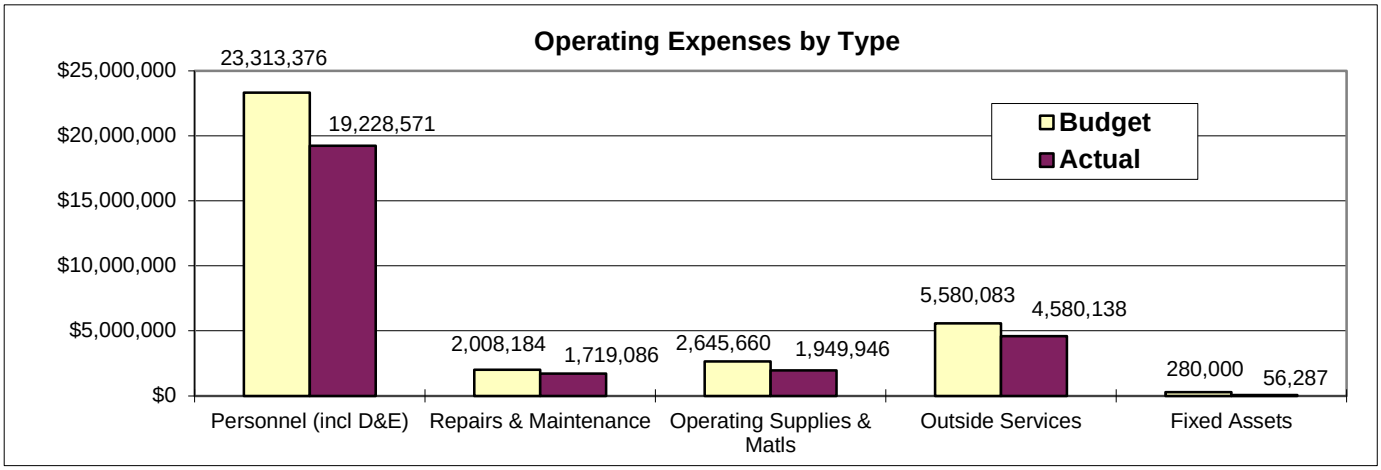
Operating Expenses by Type	**Budget**	**Actual**	**% of Budget Used**	**Last Year Actuals**
Personnel (incl D&E)	$23,313,376	$19,228,571	82% (89%)*	$20,901,890
Repairs & Maintenance	2,008,184	1,719,086	86%	1,772,819
Supplies & Matls (chemicals, small tools)	2,645,660	1,949,946	74%	2,285,558
Outside Services (utilities, biosolids, legal)	5,580,083	4,580,138	82%	4,961,560
Fixed Assets	280,000	56,287	20%	137,021
Total	$33,827,303	$27,534,028	81%	**$30,058,848**

* Personnel Budget Target


USD Revenues
$60,000,000
$50,000,000
$40,000,000
$30,000,000
$20,000,000
$10,000,000
$0
Budget
Actual
4,372,000
6,750,670
48,430,260
47,659,776
1,080,000
1,215,605
345,000
423,600
5,993,000
3,947,461
Capacity Fees
Sewer Service Charges
Operating
Interest
Misc. (incl. SRF proceeds, LAVWMA)


Total USD Expenses
$40,000,000
$35,000,000
$30,000,000
$25,000,000
$20,000,000
$15,000,000
$10,000,000
$5,000,000
$0
Budget
Actual
15,076,000
8,245,777
33,839,303
27,560,366
1,522,970
424,799
561,205
420,904
379,500
159,779
1,036,700
778,307
250,000
163,214
3,233,110
3,232,976
CIP
Operating/PRTM
Spec. Proj.
Retiree Med.
Vehic & Equip.
Info. Systems
Plant&P.S.
Debt+CntyFee+Misc


Operating Expenses by Work Group
$12,000,000
$10,000,000
$8,000,000
$6,000,000
$4,000,000
$2,000,000
$0
Budget
Actual
176,481
109,883
953,139
737,118
5,199,612
4,285,988
6,066,202
5,111,856
5,323,323
4,454,622
10,227,304
8,073,327
5,881,242
4,761,233
Board
GM/Admin.
BS
CS
TS
T&D
FMC

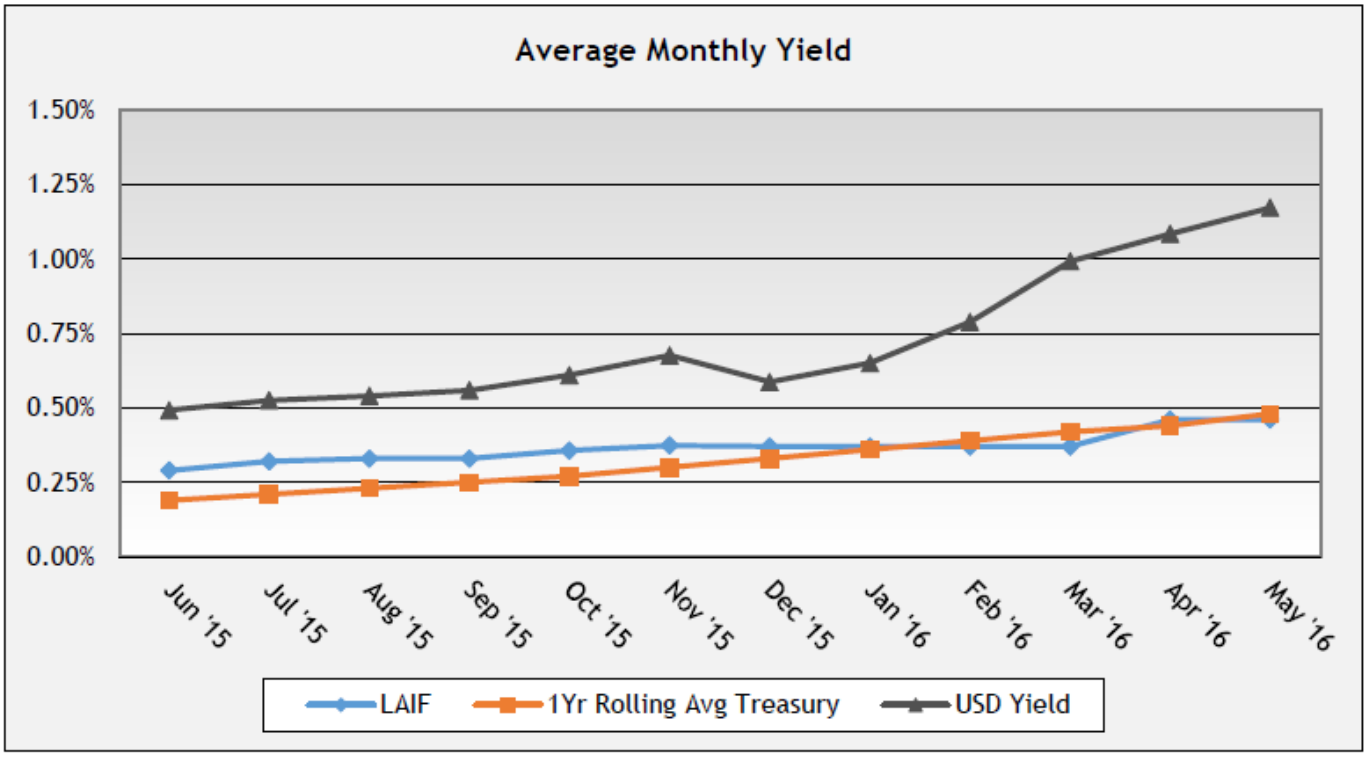

Operating Expenses by Type
$25,000,000
$20,000,000
$15,000,000
$10,000,000
$5,000,000
$0
Budget
Actual
23,313,376
19,228,571
2,008,184
1,719,086
2,645,660
1,949,946
5,580,083
4,580,138
280,000
56,287
Personnel (incl D&E)
Repairs & Maintenance
Operating Supplies & Matls
Outside Services
Fixed Assets

Business Services Group
Activities Report
May 2016

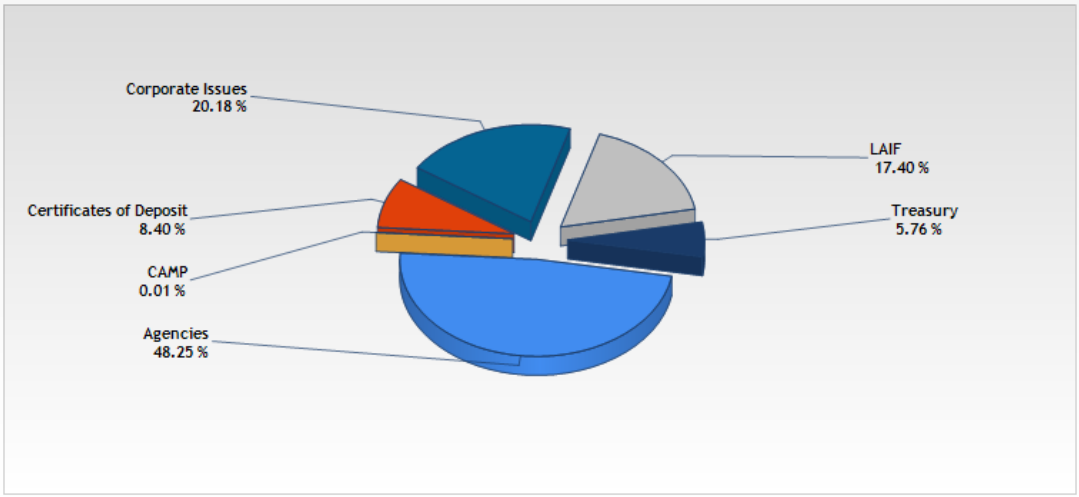
Accomplishment

- Recruitment for Mechanic I/II was completed; Mosa Tatakamotonga was hired on 5/31/2016.

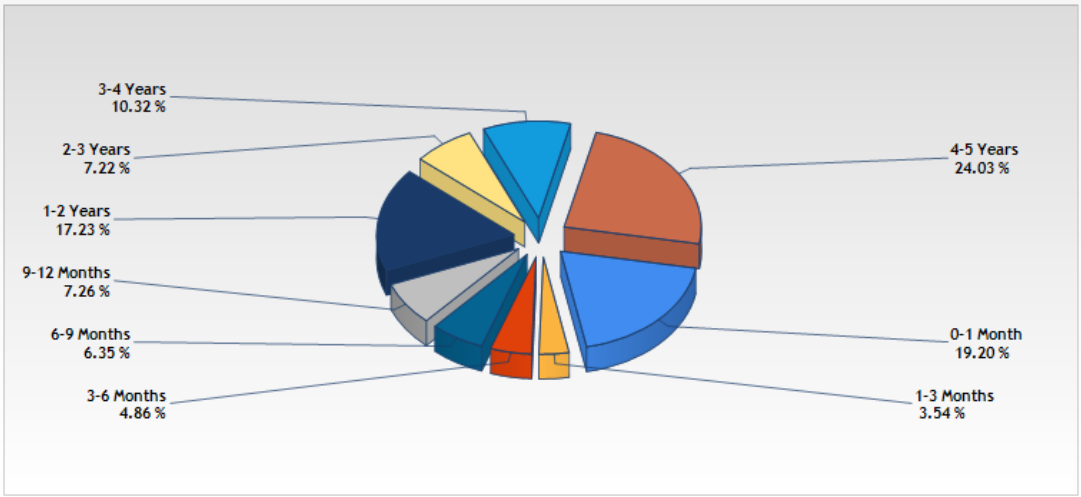
Performance Measures for the USD Investment Portfolio



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	13,333,456.91	0.468	13,332,986.91	3	19.20	13,333,618.85	13,333,448.22	0.01
1-3 Months	2,430,000.00	0.766	2,456,850.50	66	3.54	2,432,955.21	2,432,217.27	0.18
3-6 Months	3,355,000.00	0.800	3,374,120.25	158	4.86	3,360,742.09	3,360,147.49	0.43
6-9 Months	4,306,000.00	0.839	4,409,264.35	244	6.35	4,343,584.72	4,345,123.88	0.66
9-12 Months	5,038,000.00	0.888	5,044,882.77	312	7.26	5,046,106.15	5,047,586.70	0.85
1-2 Years	11,951,000.00	0.964	11,967,739.00	516	17.23	11,957,503.35	11,962,830.71	1.40
2-3 Years	5,000,000.00	1.303	5,012,810.00	980	7.22	5,019,470.00	5,012,059.15	2.63
3-4 Years	7,160,000.00	1.545	7,164,256.57	1321	10.32	7,176,834.40	7,163,757.34	3.53
4-5 Years	16,500,000.00	1.992	16,689,945.28	1730	24.03	16,608,820.00	16,688,248.09	4.56
Total / Average	**69,073,456.91**	**1.172**	**69,452,855.63**	**760**	**100**	**69,279,634.77**	**69,345,418.85**	**2.02**

Union Sanitary District
Board Report - Holdings
Report Format: By Transaction
Group By: Asset Class
Portfolio/Report Group: All Portfolios
As of 5/31/2016

Description	CUSIP/Ticker	Credit Rating 1	Settlement Date	Face Amount/Shares	Cost Value	Coupon Rate	Market Value	YTM @ Cost	Next Call Date	Maturity Date	% of Portfolio
Agencies											
FFCB 0.9 9/21/2017	3133EFN78	Moodys-Aaa	3/21/2016	1,000,000.00	1,000,000.00	0.900	1,001,450.00	0.900		9/21/2017	1.44
FFCB 0.93 11/17/2017	3133EFPH4	Moodys-Aaa	11/18/2015	1,000,000.00	999,700.00	0.930	1,000,330.00	0.945		11/17/2017	1.44
FFCB 1.17 5/16/2019-17	3133EF7L5	Moodys-Aaa	5/16/2016	1,000,000.00	1,000,000.00	1.170	998,650.00	1.170	5/16/2017	5/16/2019	1.44
FFCB 1.3 11/25/2019-16	3133EGBK0	Moodys-Aaa	5/25/2016	1,000,000.00	997,950.00	1.300	996,960.00	1.360	11/25/2016	11/25/2019	1.44
FFCB 1.4 4/13/2020-17	3133EF2L0	Moodys-Aaa	4/25/2016	1,000,000.00	998,500.00	1.400	1,001,910.00	1.439	4/13/2017	4/13/2020	1.44
FFCB 1.58 10/13/2020-16	3133EF2A4	Moodys-Aaa	4/13/2016	1,000,000.00	1,000,000.00	1.580	992,250.00	1.580	10/13/2016	10/13/2020	1.44
FFCB 1.59 3/23/2020-17	3133EFR25	Moodys-Aaa	3/23/2016	1,000,000.00	1,000,000.00	1.590	1,001,930.00	1.590	3/23/2017	3/23/2020	1.44
FFCB 1.68 4/5/2021-17	3133EFX36	Moodys-Aaa	4/29/2016	1,000,000.00	999,300.00	1.680	1,000,030.00	1.695	4/5/2017	4/5/2021	1.44
FFCB 1.7 5/3/2021-17	3133EF5T0	Moodys-Aaa	5/3/2016	1,000,000.00	1,000,000.00	1.700	999,490.00	1.700	5/3/2017	5/3/2021	1.44
FHLB 0.625 11/23/2016	3130A3J70	Moodys-Aaa	12/16/2015	1,000,000.00	999,000.00	0.625	1,000,250.00	0.732		11/23/2016	1.44
FHLB 0.8 5/17/2017	3130A4Q54	Moodys-Aaa	3/27/2015	1,000,000.00	1,001,690.00	0.800	1,000,190.00	0.720		5/17/2017	1.44
FHLB 0.9 9/28/2017	3130A5KH1	Moodys-Aaa	7/22/2015	1,000,000.00	1,001,140.00	0.900	1,000,950.00	0.847		9/28/2017	1.44
FHLB 1 3/29/2018-17	3130A7MB8	Moodys-Aaa	3/29/2016	1,000,000.00	1,000,000.00	1.000	998,530.00	1.000	3/29/2017	3/29/2018	1.44
FHLB 1.2 12/20/2018	313383DY4	Moodys-Aaa	4/25/2016	1,000,000.00	1,004,950.00	1.200	1,003,820.00	1.010		12/20/2018	1.45

Description	CUSIP/Ticker	Credit Rating 1	Settlement Date	Face Amount/Shares	Cost Value	Coupon Rate	Market Value	YTM @ Cost	Next Call Date	Maturity Date	% of Portfolio
FHLB 1.35 11/26/2019-17	3130A7WJ0	Moodys-Aaa	5/26/2016	1,000,000.00	1,000,000.00	1.350	1,000,340.00	1.350	5/26/2017	11/26/2019	1.44
FHLB 1.55 5/13/2021-19	3130A7WQ4	Moodys-Aaa	5/13/2016	1,000,000.00	1,000,000.00	1.550	993,240.00	1.550	5/13/2019	5/13/2021	1.44
FHLB 2 4/29/2021-16	3130A7J55	Moodys-Aaa	4/29/2016	2,000,000.00	2,000,000.00	2.000	2,002,960.00	2.000	7/29/2016	4/29/2021	2.88
FHLB Step 3/15/2021-16	3130A7EG6	Moodys-Aaa	3/15/2016	1,000,000.00	1,000,000.00	1.000	998,780.00	2.216	6/15/2016	3/15/2021	1.44
FHLB Step 4/28/2021-16	3130A7PR0	Moodys-Aaa	4/28/2016	1,000,000.00	1,000,000.00	1.000	996,580.00	2.114	10/28/2016	4/28/2021	1.44
FHLB Step 4/28/2021-16	3130A7QX6	Moodys-Aaa	4/28/2016	1,000,000.00	1,000,000.00	1.250	996,550.00	2.021	10/28/2016	4/28/2021	1.44
FHLMC 0.8 8/25/2017-16	3134G8L49	Moodys-Aaa	2/25/2016	1,000,000.00	1,000,000.00	0.800	999,740.00	0.800	8/25/2016	8/25/2017	1.44
FHLMC 1 7/25/2017	3134G3ZH6	Moodys-Aaa	6/24/2015	1,000,000.00	1,004,540.00	1.000	1,002,480.00	0.780		7/25/2017	1.45
FHLMC 1.25 10/28/2019-17	3134G8XQ7	Moodys-Aaa	4/28/2016	1,000,000.00	1,000,000.00	1.250	997,260.00	1.250	4/28/2017	10/28/2019	1.44
FHLMC 1.27 3/29/2019	3134G8QB8	Moodys-Aaa	3/29/2016	1,000,000.00	1,000,000.00	1.270	1,000,250.00	1.270		3/29/2019	1.44
FHLMC Step 3/30/2020-17	3134G8ST7	Moodys-Aaa	3/30/2016	1,000,000.00	1,000,000.00	1.000	1,000,350.00	1.744	3/30/2017	3/30/2020	1.44
FHLMC Step 4/28/2021-16	3134G8VZ9	Moodys-Aaa	4/28/2016	2,500,000.00	2,500,000.00	1.250	2,485,050.00	2.116	10/28/2016	4/28/2021	3.60
FHLMC Step 4/28/2021-16	3134G8Z28	Moodys-Aaa	5/10/2016	1,000,000.00	999,500.00	1.125	995,820.00	2.044	10/28/2016	4/28/2021	1.44
FHLMC Step 7/28/2020-16	3134G8X20	Moodys-Aaa	4/28/2016	1,000,000.00	1,000,000.00	1.300	996,460.00	1.709	10/28/2016	7/28/2020	1.44
FNMA 0.625 8/26/2016	3135G0YE7	Moodys-Aaa	12/16/2015	1,000,000.00	999,540.00	0.625	1,000,350.00	0.691		8/26/2016	1.44
FNMA 1.25 1/30/2017	3135G0GY3	Moodys-Aaa	12/16/2015	1,000,000.00	1,004,790.00	1.250	1,003,870.00	0.820		1/30/2017	1.45
FNMA Step 5/12/2021-17	3136G3MD4	Moodys-Aaa	5/12/2016	1,000,000.00	1,000,000.00	0.900	998,250.00	1.851	5/12/2017	5/12/2021	1.44
Sub Total / Average				**33,500,000.00**	**33,510,600.00**	**1.211**	**33,465,070.00**	**1.438**			**48.25**

Description	CUSIP/Ticker	Credit Rating 1	Settlement Date	Face Amount/Shares	Cost Value	Coupon Rate	Market Value	YTM @ Cost	Next Call Date	Maturity Date	% of Portfolio
CAMP											
CAMP LGIP	LGIP4000	None	5/31/2011	9,820.73	9,820.73	0.490	9,820.73	0.490	N/A	N/A	0.01
Sub Total / Average				**9,820.73**	**9,820.73**	**0.490**	**9,820.73**	**0.490**			**0.01**
Certificates of Deposit											
1st Source Bank 0.6 9/15/2016	33646CGK4	None	12/18/2015	245,000.00	244,816.25	0.600	244,983.47	0.701		9/15/2016	0.35
Ally Bank 1 10/24/2016	02006LKM4	None	10/23/2014	240,000.00	240,000.00	1.000	240,266.16	1.000		10/24/2016	0.35
American Express Bank 1.1 10/24/2016	02587CBZ2	None	10/23/2014	240,000.00	240,000.00	1.100	240,363.13	1.100		10/24/2016	0.35
American Express Centurian 1.05 6/5/2017	02587DYJ1	None	6/5/2015	240,000.00	240,000.00	1.050	239,347.74	1.050		6/5/2017	0.35
Bank Hapoalim 0.85 2/17/2017	06251AL65	None	2/18/2016	248,000.00	248,000.00	0.850	247,782.50	0.850		2/17/2017	0.36
Bank of Baroda Ny 0.65 10/27/2016	06062QCS1	None	10/27/2015	245,000.00	245,000.00	0.650	244,921.30	0.650		10/27/2016	0.35
Bank of India NY 0.65 10/26/2016	06279HBX0	None	10/30/2015	245,000.00	245,000.00	0.650	244,921.87	0.650		10/26/2016	0.35
BankUnited NA 0.9 5/24/2017	066519BE8	None	11/24/2015	240,000.00	240,000.00	0.900	239,259.43	0.900		5/24/2017	0.35
Bar Harbor Bank 0.7 1/30/2017	066851TT3	None	6/30/2015	240,000.00	240,000.00	0.700	239,623.95	0.700		1/30/2017	0.35
Capital One Bank 1 10/24/2016	140420QG8	None	10/22/2014	240,000.00	240,000.00	1.000	240,266.16	1.000		10/24/2016	0.35
Capital One National Asso Bank 1.25 8/28/2017	14042E6B1	None	8/26/2015	245,000.00	245,000.00	1.250	244,939.46	1.250		8/28/2017	0.35
	20451PLE4	None	6/5/2015	240,000.00	240,000.00	0.950	239,103.56	0.950		6/5/2017	0.35

Description	CUSIP/Ticker	Credit Rating 1	Settlement Date	Face Amount/Shares	Cost Value	Coupon Rate	Market Value	YTM @ Cost	Next Call Date	Maturity Date	% of Portfolio
Compass Bank 0.95 6/5/2017											
Discover Bank 0.75 1/3/2017	254672QZ4	None	7/1/2015	240,000.00	240,000.00	0.750	239,737.35	0.750		1/3/2017	0.35
First Niagara Bank 1.1 10/30/2017	33583CSV2	None	10/30/2015	245,000.00	245,000.00	1.100	244,574.48	1.100		10/30/2017	0.35
Goldman Sachs Bank 1 10/16/2017	38148JQX2	None	4/27/2015	240,000.00	239,520.00	1.000	239,262.59	1.069		10/16/2017	0.34
Great Midwest Bank 0.75 7/27/2016	39083PCK6	None	10/27/2014	240,000.00	240,000.00	0.750	240,118.11	0.750		7/27/2016	0.35
Marlin Business Bank 0.85 8/24/2017	57116ALG1	None	2/24/2016	248,000.00	248,000.00	0.850	246,713.33	0.850		8/24/2017	0.36
Medallion Bank 1.15 10/30/2017	58403B2L9	None	10/28/2015	245,000.00	245,000.00	1.150	244,749.00	1.150		10/30/2017	0.35
Merrick Bank 0.9 5/19/2017	59013JLK3	None	11/19/2015	240,000.00	240,000.00	0.900	239,268.09	0.900		5/19/2017	0.35
Patriot Bank 0.65 6/30/2016	70337MAH1	None	12/30/2015	240,000.00	240,000.00	0.650	240,041.94	0.650		6/30/2016	0.35
Safra National Bank 0.7 11/29/2016	78658QSF1	None	11/30/2015	245,000.00	245,000.00	0.700	244,849.62	0.700		11/29/2016	0.35
Santander Bank 0.8 2/17/2017	80280JLS8	None	2/17/2016	248,000.00	248,000.00	0.800	247,693.10	0.800		2/17/2017	0.36
TCF National Bank 0.85 8/17/2017	872278SH0	None	2/17/2016	248,000.00	248,000.00	0.850	246,733.19	0.850		8/17/2017	0.36
Wex Bank 0.85 5/19/2017	92937CDE5	None	11/20/2015	245,000.00	245,000.00	0.850	244,135.26	0.850		5/19/2017	0.35
Sub Total / Average				**5,832,000.00**	**5,831,336.25**	**0.877**	**5,823,654.79**	**0.884**			**8.40**
Corporate Issues											
	0258M0DD8		5/25/2016	1,000,000.00	1,012,171.77	2.375	1,011,150.00	0.900		3/24/2017	1.46

Description	CUSIP/Ticker	Credit Rating 1	Settlement Date	Face Amount/Shares	Cost Value	Coupon Rate	Market Value	YTM @ Cost	Next Call Date	Maturity Date	% of Portfolio
American Express Credit 2.375 3/24/2017		Moodys-A2									
Caterpillar Financial 1 3/3/2017	14912L5Z0	Moodys-A2	12/23/2014	1,313,000.00	1,307,603.57	1.000	1,313,643.37	1.190		3/3/2017	1.88
Chevron Corp 2.193 11/15/2019	166764AN0	Moodys-Aa2	2/26/2016	1,160,000.00	1,167,806.57	2.193	1,178,084.40	2.004		11/15/2019	1.68
General Electric Capital Corp 5.4 2/15/2017	36962G2G8	Moodys-A1	3/2/2015	1,085,000.00	1,179,514.35	5.400	1,118,548.20	0.890		2/15/2017	1.70
HSBC 4.875 8/24/2020	4042Q1AE7	Moodys-A1	5/17/2016	2,000,000.00	2,191,145.28	4.875	2,153,360.00	2.500		8/24/2020	3.15
IBM Corp 1.8 5/17/2019	459200JE2	Moodys-Aa3	3/18/2016	1,000,000.00	1,005,370.00	1.800	1,010,000.00	1.624		5/17/2019	1.45
JP Morgan Chase & Co 2 8/15/2017	48126EAA5	Moodys-A3	2/16/2016	1,000,000.00	1,008,859.00	2.000	1,007,630.00	1.400		8/15/2017	1.45
Royal Bank of Canada 1.2 1/23/2017	78010UNX1	Moodys-Aa3	10/2/2015	1,000,000.00	1,003,960.00	1.200	1,001,480.00	0.895		1/23/2017	1.45
Royal Bank of Canada 2.3 7/20/2016	78008TLB8	Moodys-Aa3	12/23/2014	1,190,000.00	1,217,310.50	2.300	1,192,487.10	0.830		7/20/2016	1.75
Toyota Motor Credit 1.55 7/13/2018	89236TCP8	Moodys-Aa3	3/16/2016	1,000,000.00	1,002,490.00	1.550	1,006,750.00	1.440		7/13/2018	1.44
Toyota Motor Credit Corp 1.2 4/6/2018	89236TCX1	Moodys-Aa3	5/24/2016	1,000,000.00	1,000,360.00	1.200	999,520.00	1.180		4/6/2018	1.44
US Bankcorp 2.2 11/15/2016	91159HHB9	Moodys-A1	3/31/2015	900,000.00	920,304.00	2.200	904,770.00	0.797		11/15/2016	1.33
Sub Total / Average				**13,648,000.00**	**14,016,895.04**	**2.564**	**13,897,423.07**	**1.402**			**20.18**
LAIF											
LAIF LGIP	LGIP1002	None	4/30/2011	12,083,636.18	12,083,636.18	0.460	12,083,636.18	0.460	N/A	N/A	17.40

Description	CUSIP/Ticker	Credit Rating 1	Settlement Date	Face Amount/Shares	Cost Value	Coupon Rate	Market Value	YTM @ Cost	Next Call Date	Maturity Date	% of Portfolio
Sub Total / Average				**12,083,636.18**	**12,083,636.18**	**0.460**	**12,083,636.18**	**0.460**			**17.40**
Treasury											
T-Bond 0.5 3/31/2017	912828J92	Moodys-Aaa	3/9/2016	1,000,000.00	998,417.43	0.500	998,460.00	0.650		3/31/2017	1.44
T-Note 0.5 6/15/2016	912828VG2	Moodys-Aaa	3/27/2014	1,000,000.00	999,530.00	0.500	1,000,120.00	0.521		6/15/2016	1.44
T-Note 0.875 1/15/2018	912828H37	Moodys-Aaa	6/1/2015	1,000,000.00	1,001,560.00	0.875	1,000,550.00	0.815		1/15/2018	1.44
T-Note 0.875 11/15/2017	912828G20	Moodys-Aaa	6/24/2015	1,000,000.00	1,001,060.00	0.875	1,000,900.00	0.830		11/15/2017	1.44
Sub Total / Average				**4,000,000.00**	**4,000,567.43**	**0.688**	**4,000,030.00**	**0.704**			**5.76**
Total / Average				**69,073,456.91**	**69,452,855.63**	**1.295**	**69,279,634.77**	**1.172**			**100**

All investment actions executed since the last report have been made in full compliance with the District's Investment Policy.
The District will meet its expenditure obligations for the next six months.
Market value sources are the LAIF, CAMP, and BNY Mellon monthly statements.
Broker/Dealers: BOSC, Inc.; Cantella & Co.; First Empire Securities; Ladenburg, Thalman & Co, Inc.; UBS Financial Services; Wells Fargo Securities.

Union Sanitary District
Board Report - Activity
Portfolio/Report Group: All Portfolios
From 5/1/2016 To 5/31/2016

Description	CUSIP/Ticker	Face Amount/Shares	Principal	Interest/Dividends	Coupon Rate	YTM @ Cost	Settlement Date	Total
BUY								
American Express Credit 2.375 3/24/2017	0258M0DD8	1,000,000.00	1,012,171.77	4,024.31	2.375	0.900	5/25/2016	1,016,196.08
FFCB 1.17 5/16/2019-17	3133EF7L5	1,000,000.00	1,000,000.00	0.00	1.170	1.170	5/16/2016	1,000,000.00
FFCB 1.3 11/25/2019-16	3133EGBK0	1,000,000.00	997,950.00	0.00	1.300	1.360	5/25/2016	997,950.00
FFCB 1.7 5/3/2021-17	3133EF5T0	1,000,000.00	1,000,000.00	0.00	1.700	1.700	5/3/2016	1,000,000.00
FHLB 1.35 11/26/2019-17	3130A7WJ0	1,000,000.00	1,000,000.00	0.00	1.350	1.350	5/26/2016	1,000,000.00
FHLB 1.55 5/13/2021-19	3130A7WQ4	1,000,000.00	1,000,000.00	0.00	1.550	1.550	5/13/2016	1,000,000.00
FHLMC Step 4/28/2021-16	3134G8Z28	1,000,000.00	999,500.00	375.00	1.125	2.044	5/10/2016	999,875.00
FNMA Step 5/12/2021-17	3136G3MD4	1,000,000.00	1,000,000.00	0.00	0.900	1.851	5/12/2016	1,000,000.00
HSBC 4.875 8/24/2020	4042Q1AE7	2,000,000.00	2,191,145.28	22,479.17	4.875	2.500	5/17/2016	2,213,624.45
Toyota Motor Credit Corp 1.2 4/6/2018	89236TCX1	1,000,000.00	1,000,360.00	1,533.33	1.200	1.180	5/24/2016	1,001,893.33
Sub Total / Average		**11,000,000.00**	**11,201,127.05**	**28,411.81**				**11,229,538.86**
CALLED								
FHLB Step 2/26/2021-16	3130A76Q3	2,000,000.00	2,000,000.00	3,750.00	0.750	0.000	5/26/2016	2,003,750.00
Sub Total / Average		**2,000,000.00**	**2,000,000.00**	**3,750.00**				**2,003,750.00**
DEPOSIT								
CAMP LGIP	LGIP4000	4.04	4.04	0.00		0.000	5/31/2016	4.04
Sub Total / Average		**4.04**	**4.04**	**0.00**				**4.04**
INTEREST								
BankUnited NA 0.9 5/24/2017	066519BE8	0.00	0.00	1,077.04	0.900	0.000	5/24/2016	1,077.04
Bar Harbor Bank 0.7 1/30/2017	066851TT3	0.00	0.00	142.68	0.700	0.000	5/2/2016	142.68
Bar Harbor Bank 0.7 1/30/2017	066851TT3	0.00	0.00	138.08	0.700	0.000	5/31/2016	138.08

Description	CUSIP/Ticker	Face Amount/Shares	Principal	Interest/Dividends	Coupon Rate	YTM @ Cost	Settlement Date	Total
CAMP LGIP	LGIP4000	0.00	0.00	4.04		0.000	5/31/2016	4.04
Chevron Corp 2.193 11/15/2019	166764AN0	0.00	0.00	12,719.40	2.193	0.000	5/15/2016	12,719.40
FFCB 0.93 11/17/2017	3133EFPH4	0.00	0.00	4,650.00	0.930	0.000	5/17/2016	4,650.00
FHLB 0.625 11/23/2016	3130A3J70	0.00	0.00	3,125.00	0.625	0.000	5/23/2016	3,125.00
FHLB 0.8 5/17/2017	3130A4Q54	0.00	0.00	4,000.00	0.800	0.000	5/17/2016	4,000.00
First Niagara Bank 1.1 10/30/2017	33583CSV2	0.00	0.00	1,351.19	1.100	0.000	5/2/2016	1,351.19
Great Midwest Bank 0.75 7/27/2016	39083PCK6	0.00	0.00	147.95	0.750	0.000	5/27/2016	147.95
Internaltional Business Machs 0.45 5/6/2016	459200HL8	0.00	0.00	2,250.00	0.450	0.000	5/6/2016	2,250.00
Medallion Bank 1.15 10/30/2017	58403B2L9	0.00	0.00	231.58	1.150	0.000	5/31/2016	231.58
Merrick Bank 0.9 5/19/2017	59013JLK3	0.00	0.00	177.53	0.900	0.000	5/19/2016	177.53
T-Bond 0.25 5/15/2016	912828VC1	0.00	0.00	1,250.00	0.250	0.000	5/15/2016	1,250.00
T-Note 0.875 11/15/2017	912828G20	0.00	0.00	4,375.00	0.875	0.000	5/15/2016	4,375.00
US Bankcorp 2.2 11/15/2016	91159HHB9	0.00	0.00	9,900.00	2.200	0.000	5/15/2016	9,900.00
Wex Bank 0.85 5/19/2017	92937CDE5	0.00	0.00	1,038.40	0.850	0.000	5/20/2016	1,038.40
Sub Total / Average		**0.00**	**0.00**	**46,577.89**				**46,577.89**
MATURED								
Internaltional Business Machs 0.45 5/6/2016	459200HL8	1,000,000.00	1,000,000.00	0.00	0.450	0.000	5/6/2016	1,000,000.00
JP Morgan Securities 0 5/13/2016	46640PED1	1,000,000.00	1,000,000.00	0.00	0.000	0.000	5/13/2016	1,000,000.00
T-Bond 0.25 5/15/2016	912828VC1	1,000,000.00	1,000,000.00	0.00	0.250	0.000	5/15/2016	1,000,000.00
Sub Total / Average		**3,000,000.00**	**3,000,000.00**	**0.00**				**3,000,000.00**
SELL								
HSBC Holdings 3.4 3/8/2021	404280AV1	2,000,000.00	2,065,000.00	10,955.56	3.400	0.000	5/6/2016	2,075,955.56
Sub Total / Average		**2,000,000.00**	**2,065,000.00**	**10,955.56**				**2,075,955.56**
WITHDRAW								

Description	CUSIP/Ticker	Face Amount/Shares	Principal	Interest/Dividends	Coupon Rate	YTM @ Cost	Settlement Date	Total
LAIF LGIP	LGIP1002	2,000,000.00	2,000,000.00	0.00		0.000	5/12/2016	2,000,000.00
LAIF LGIP	LGIP1002	2,000,000.00	2,000,000.00	0.00		0.000	5/18/2016	2,000,000.00
LAIF LGIP	LGIP1002	2,000,000.00	2,000,000.00	0.00		0.000	5/24/2016	2,000,000.00
Sub Total / Average		**6,000,000.00**	**6,000,000.00**	**0.00**				**6,000,000.00**

MONTHLY OPERATIONS REPORT FOR THE MONTH OF MAY 2016
TECHNICAL SUPPORT WORK GROUP SUMMARY

Capital Improvement Program

Thickener Control Building Improvements Project – Concrete placements for the below grade walls of the new structure have been completed. Installation of underground process pipelines and formwork for scum pit walls and splitter box support columns are in progress.

Fremont and Paseo Padre Lift Stations Improvements Project – Contractor is awaiting the fabrication of the lift pumps and electrical equipment. Contractor will be resuming work on June 1st at Paseo Padre Lift Station.

MCC and PLC Replacement Project, Phase 3 – Contractor completed disconnecting equipment from the existing MCC in the Degritter Building and reconnecting it to the new MCC. The new MCC is functional and the existing MCC has been removed from the building.

Plant Facilities Improvements Project - Contractor completed installation of the two groundwater pumps and control panels at Primary Clarifier 1-4. Testing of the pumps and control panels are scheduled in June. Contractor completed installation of the handrail on the roof of the Degritter Building.

Aeration Blower Project – Aeration air piping modifications and blower installation have been completed. Startup and functional testing of the blower was completed on May 26th. Staff training and operational testing is scheduled in June.

Aeration Basins 5-7 Diffuser Membranes Replacement Project – Aeration Basin No. 5 diffuser replacement has been completed. Aeration Basin No. 6 diffuser replacement started on May 31st.

Alvarado-Niles Road Sanitary Sewer Rehabilitation Project – Submittals are in progress. Mobilization and trenching and setup of the eastern main bypass are in progress.

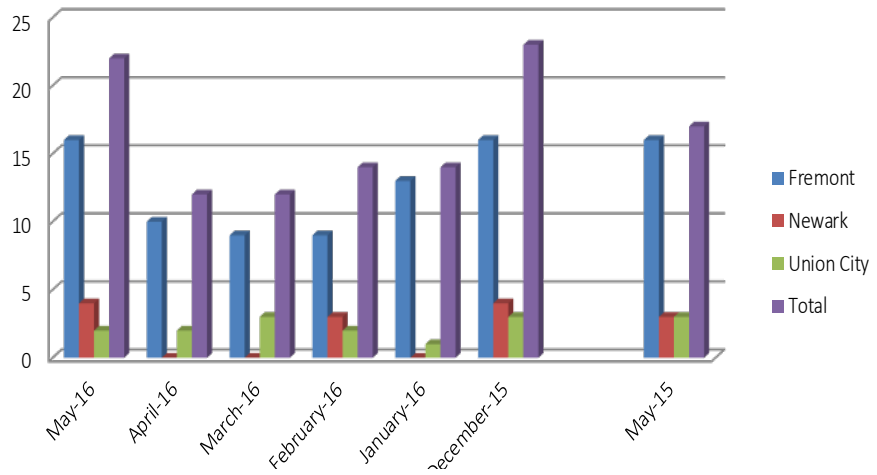
Newark Backyard Sanitary Sewer Relocation Project, Phase 3 – The majority of key submittals have been received and reviewed. The Contractor has mobilized and the new SS main location on Bonnie St., Zulmida Ave., Noel Ave., and Wilma Ave. has been laid out in the field. The investigation of critical utility crossings and existing laterals on Christine Court has started and is ongoing.

Customer Service

Trouble Calls dispatched from the Front Desk during business hours:

Month	Fremont	Newark	Union City	Total
May-16	16	4	2	**22**
April-16	10	0	2	**12**
March-16	9	0	3	**12**
February-16	9	3	2	**14**
January-16	13	0	1	**14**
December-15	16	4	3	**23**
May-15	*16*	*3*	*3*	*17*

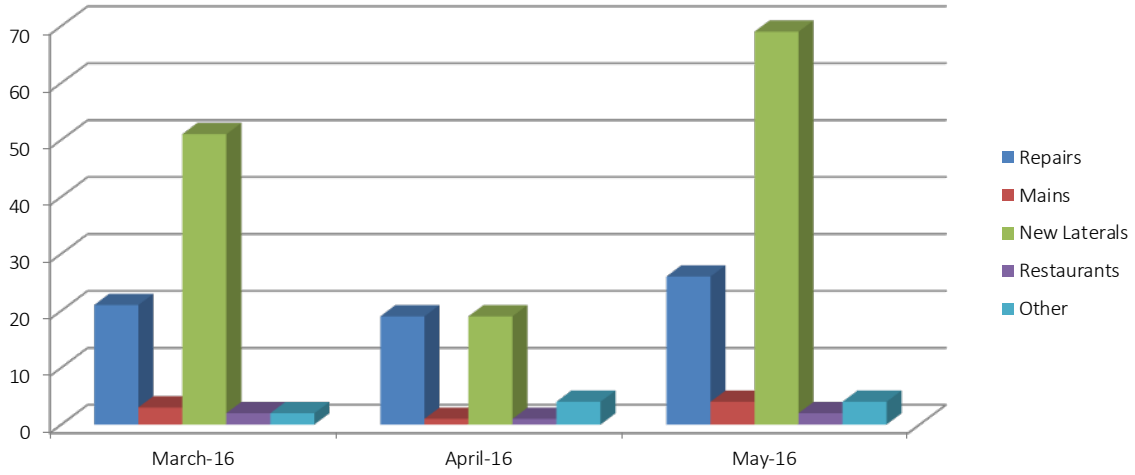
6-Month Total	**97**



Sewer Permits Issued

Month	Repairs	Mains	New Laterals	Restaurants	Other
May-16	26	4	69	2	4
April-16	19	1	19	1	4
March-16	21	3	51	2	2

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



Communication & Graphics

- Updated Union City staff regarding Alvarado Niles Road project activities
- Organized winners of Alameda County Science and Engineering Fair to attend May 9th Board meeting, arranged for award checks, certificates, and refreshments for presentation
- Continued management of USD Newsletter project – final review of draft, worked with graphic artist and printer, completed proof review and in-person check of job while on the press, confirmed receipt of mailer by post office
- Legislative activities: Provided legislative update to General Manager, scheduled conference call for GM and CASA representatives to discuss SB 1069 – accessory dwelling units – attended state and federal legislation conference calls. Developed and sent letters to legislators regarding Budget; researched and developed responses to the Board's request for details regarding items on legislative update
- Participated as judge for 2016 CASA Awards – reviewed applications; conference call to discuss with other judges and determine winners in all categories
- Planned with CASA communications workgroup for regional seminars regarding communication – will co-present at seminar media relations sessions in October 2016.
- Partnered with website update project manager to prepare for website content management system training for team editors
- Updated information on several pages of current website

Environmental Compliance

Pollution Prevention Program

USD's Environmental Compliance team conducts pollution prevention inspections to restaurants, car wash businesses, and other commercial facilities. EC also conducts inspections and enforcement for the City of Fremont's Environmental Services group. We conduct over 600 Stormwater compliance inspections every year to ensure that commercial facilities, including restaurants and auto shops, comply with City Ordinance requirements, and do not discharge pollutants to the creeks and bay.

For the past month, the EC team conducted 108 Stormwater (Urban Runoff), and 80 FOG (restaurant) inspections. During this reporting period, Inspectors identified 43 Stormwater and 19 FOG enforcement actions. Fifteen (15) of the Stormwater enforcements resulted in administrative fines ranging from $100 to $500. Two (2) of the administrative fines were for illicit discharges (one of which was a repeat), and a total of 14 were for repeated violations.

Urban Runoff Inspections and Enforcements

	No. of UR Inspections	VW	WL	NOV	AF	LA	Total Enforcements		No. of Illicit Discharge/s	2
May 2016	108	15	0	13	15	0	43		% enforcement	40%

FOG Inspections and Enforcements

	No. of FOG Inspections	VW	WL	NOV	AF	NOD	Total Enforcements		% enforcement	24%
May 2016	80	9	8	2	0	0	19			

Enforcements:

VW –Verbal Warning *WL – Warning Letter* *NOV – Notices of Violation*
AF – Administrative Fine *LA – Legal Action* *NOD – Notice of Deficiency*
AO – Administrative Order *C&D – Cease & Desist Order* *SNC – Significant Non Compliance*

Dental Inspections, School Outreach, and Plant Tours

# of Dental Inspections	# of School Outreach Events including Sewer Science	# of Plant Tours
9	16	1

Industrial Pretreatment

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

Pending Permits

New Industrial/Groundwater Permits	Groundwater/Temporary
TE Connectivity	
Mission Linen	
Chemetall	
Seagate FRC	
Lam CA3E	

Permits Issued

Company Name	Date Permit Issued
None	

Industrial Closures

Company Name	Date of Closure
None	

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

Report Name	Date Report Completed and Submitted
None	

Enforcement Action

IU Name & Nature of Business	Comments	City	Parameters Violated	Discharge concentration (mg/L)	USD/Fed Limit Violated (mg/L)	Enforcement *(1)*
Quantum Clean #1, specialty cleaning of parts	None	Fremont	pH	2 s.u.	7-11 s.u.	NOV

(1) WL – Warning Letter *NOV – Notices of Violation* *AO – Administrative Order*
C&D – Cease and Desist Order *SNC – Significant Non Compliance* *EM – Enforcement Meeting*

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

Activity	Date of Event	Attendees
NACWA 2016 National Pretreatment & Pollution Prevention Workshop	May 18-20,2016	Alex Paredes
Certificate of Merit Ceremony	5/25/16	Permitted Industrial Users and EC Team.
BAPPG phone conference	5/11/2016	Doug Dattawalker
Meds Coalition Meeting	5/16/2016	Doug Dattawalker
Home Depot OWOW Training	5/25/2016	Doug Dattawalker

Engineering/Construction

No. of projects under construction: 8

	Construction Projects	Capital ($1000)	Scheduled Completion	Completed Scope	Completed Time	Comments for May 2016 Activities
1.	Thickener Control Building Improvements Project – Curtis	$9,990	12/16	73%	79%	Concrete placements for below grade walls of the new structure has been completed.
2.	Fremont and Paseo Padre LSs Improvement - Derek	$2,801	10/16	4%	64%	The contractor is awaiting delivery of lift pumps and electrical equipment. Work will resume on June 1st.
3.	MCC and PLC Replacement Project, Phase 3 – Thomas	$869	12/16	56%	46%	The new MCC in the Degritter Building is functional and the existing MCC has been removed.
4.	Plant Facilities Improvements Project – Thomas	$1,570	1/17	29%	38%	The contractor completed installation of the groundwater pumps and control panels at Primary Clarifier 1-4 and the handrail on the Degritter Building roof.
5.	Aeration Blower Project – Curtis	$1,065	8/16	95%	73%	Aeration air piping modifications and blower installation have been completed.

	Construction Projects	Capital ($1000)	Scheduled Completion	Completed Scope	Completed Time	Comments for May 2016 Activities
6.	Aeration Basins 5-7 Diffuser Membranes Replacement Project – Kevin	$313	9/16	40%	28%	Aeration Basin No. 5 diffuser replacement completed. Aeration Basin No. 5 diffuser replacement started on May 31st.
7.	Alvarado-Niles Road SS Rehabilitation Project – Chris E.	$3,283	11/16	7%	26%	Submittals in progress. Eastern main bypass trenching and set up in progress.
8.	Newark Backyard SS Relocation Project Phase 3 –Al/Rollie	$2,107	09/16	5%	28%	Contractor has mobilized and began onsite sewer lateral investigations on private properties.

<u>Design/Study</u>

No. of projects in design/study phase: <u>12</u>

	Design/Study Projects	Capital ($1000)	Scheduled Completion	Completed Scope	Completed Time	Comments for May 2016 Activities
1.	Alvarado Basin Master Plan Flow Monitoring and Condition Assessment - Rollie	$90	6/16	75%	83%	Flow monitoring has been completed. Condition assessment portion awaiting subconsultant to return from emergency personal leave.
2.	Cast Iron Lining Phase VI – Andrew	In-House	10/15	99%	99%	Design is 99% complete. Construction is scheduled for FY18.
3.	Pine St. Easement Improvements – Chris E.	$87	4/16	100%	100%	Bids opened on May 31st. Award to Valentine Corp. on June 13th.
4.	Plant Site Use Study – Curtis	$238	1/16	100%	100%	Study complete.
5.	Plant Solids System / Capacity Assessment – Curtis	$238	6/16	60%	85%	Staff provided review comments for draft Chapter 2 - Capacity Evaluation on May 26th.
6.	Generator Controls Upgrade Project – Raymond	$72	2/16	100%	100%	RFP Issued for pre-design and design development phases. Proposals due end of June.

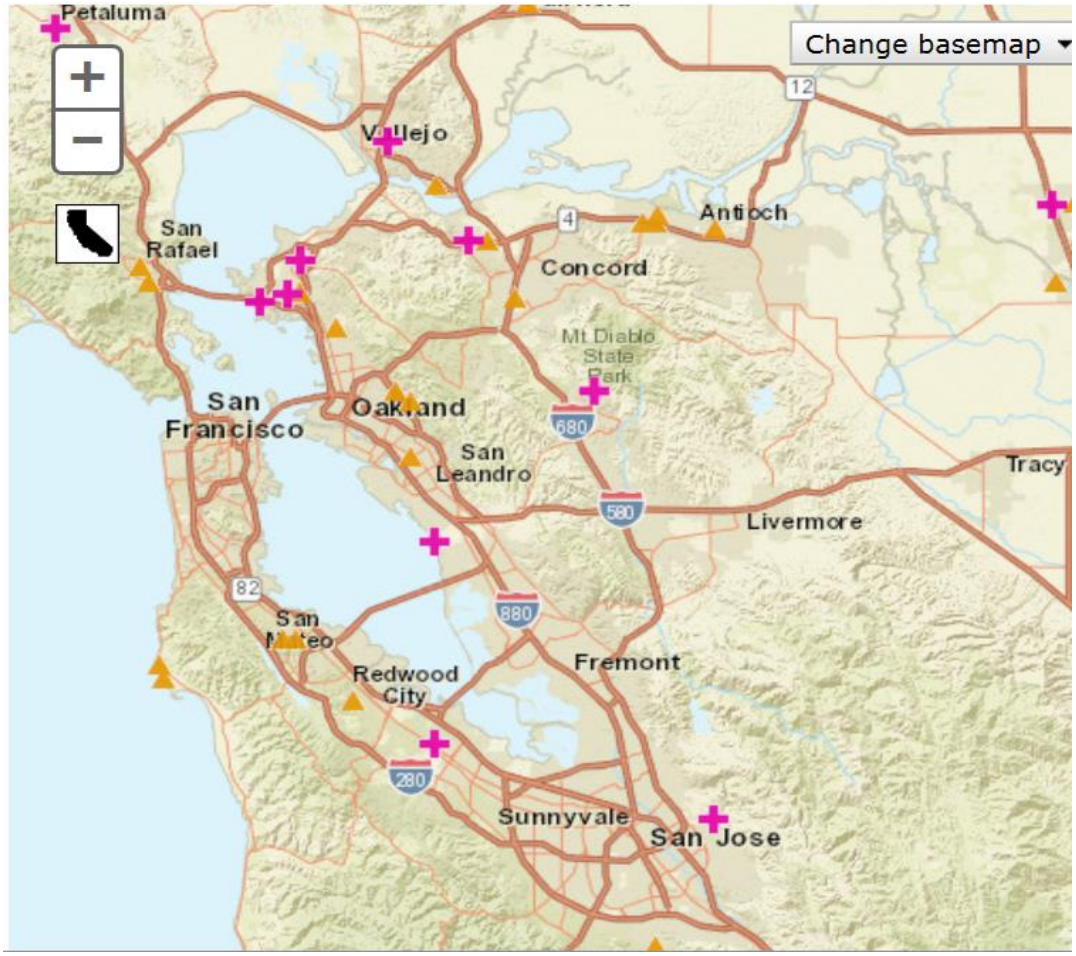
	Design/Study Projects	Capital ($1000)	Scheduled Completion	Completed Scope	Completed Time	Comments for May 2016 Activities
7.	Chemical Tanks and PVC Piping Replacement - Thomas	$160	6/16	90%	90%	Board approved Amendment No. 2 to Task Order No. 2 with the consultant for additional scope.
8.	Recycled Water Feasibility Study Update – Chris E.	$130	08/16	87%	87%	Study is in progress.
9.	FM Manways Corrosion – Chris E.	$14	06/16	90%	90%	Pre-design report being finalized.
10.	FMC Building – Chris E.	$82	03/16	100%	100%	Study complete.
11.	Sludge Degritter System Project – Kevin	$198	08/16	65%	65%	90% design submittal received May 18th and review of submittal in progress.
12.	Cogeneration Improvements Project - Derek	$27	09/16	50%	31%	Staff will re-advertise in September 2016. Additional scope items are being added to the project.

COLLECTION SERVICES
ACTIVITIES REPORT
April and May 2016

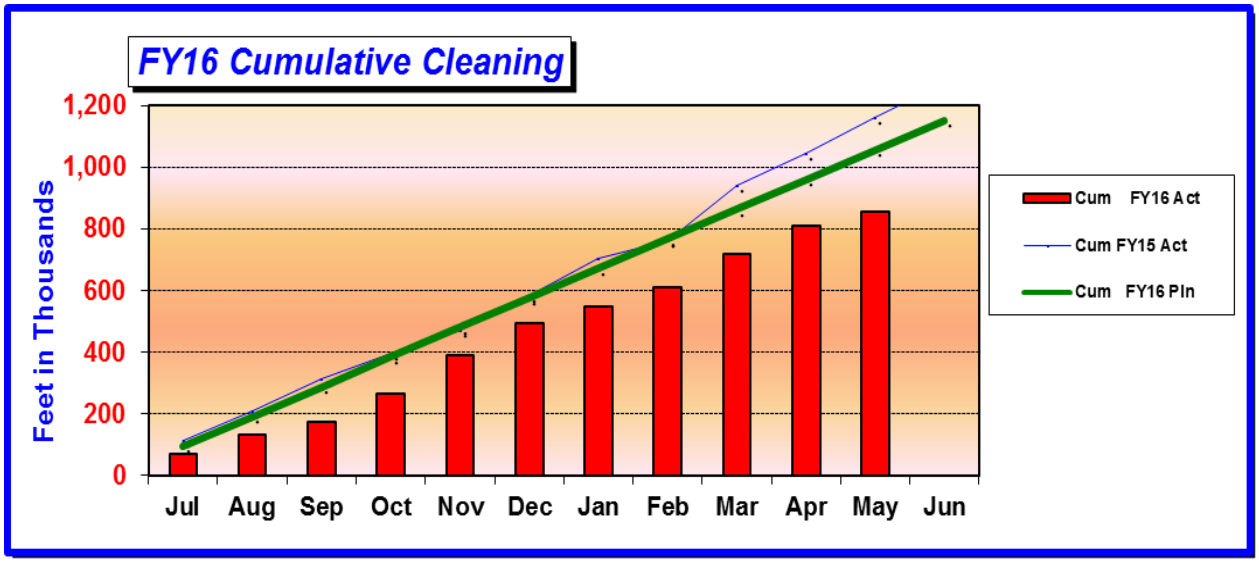
Progress/Accomplishments

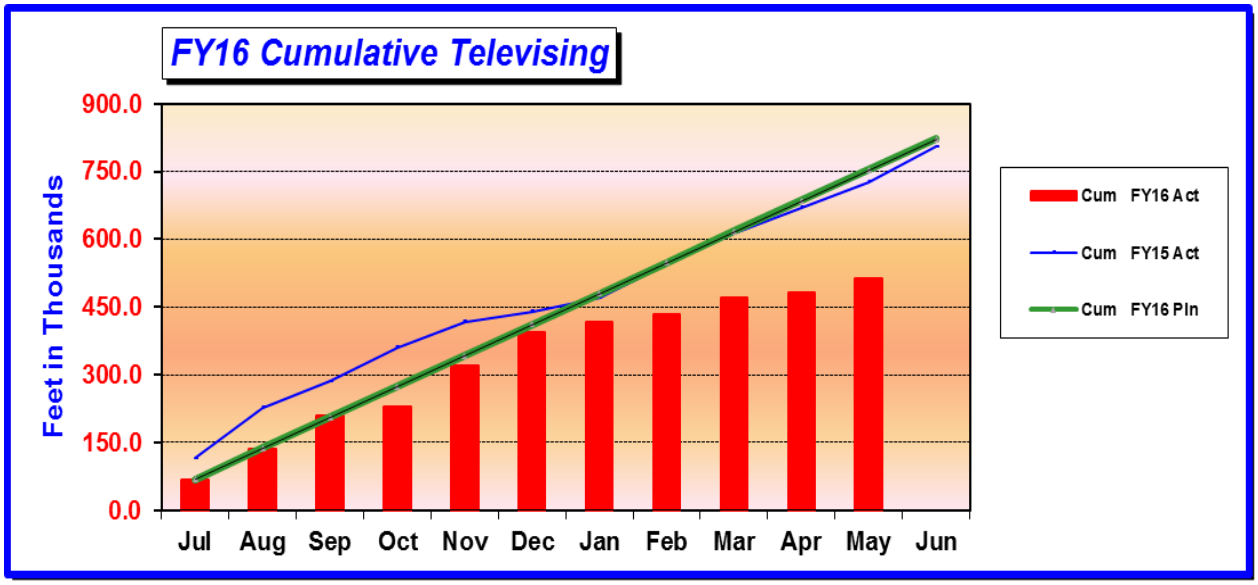
- Completed 9.0 miles of cleaning and 6.3 miles of televising of sewer lines in May
- Completed 17.0 miles of cleaning and 2.0 miles of televising of sewer lines in April
- Responded to 14 service request calls in April and 27 service requests calls in May
- Completed a total of 20 main repairs in April and 32 main repairs in May
- No spills for the month of May (Last spill 4/06/16 Category 3)

Bay Area Spills for Same Time Period



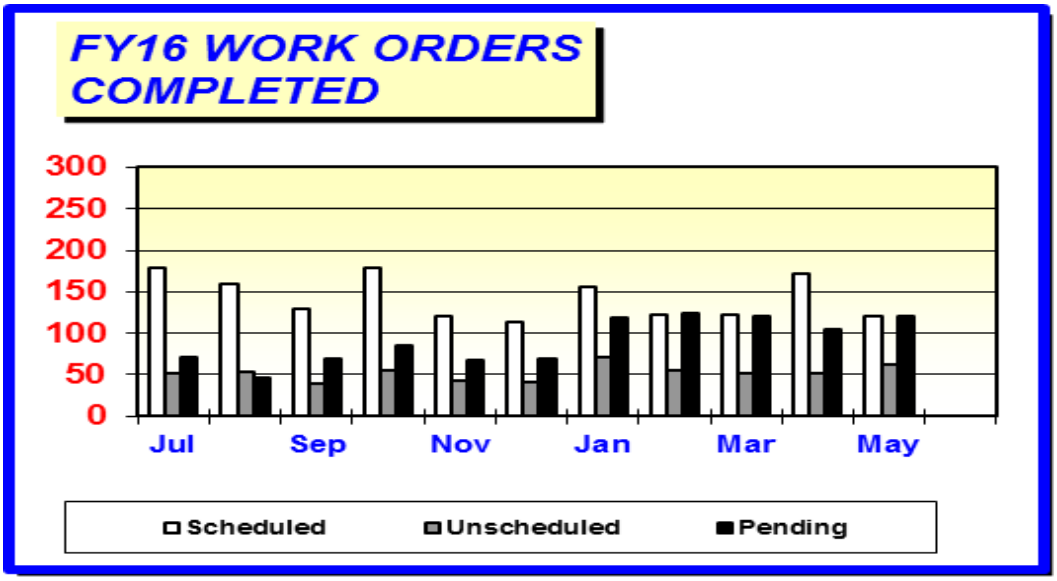
Performance Measures



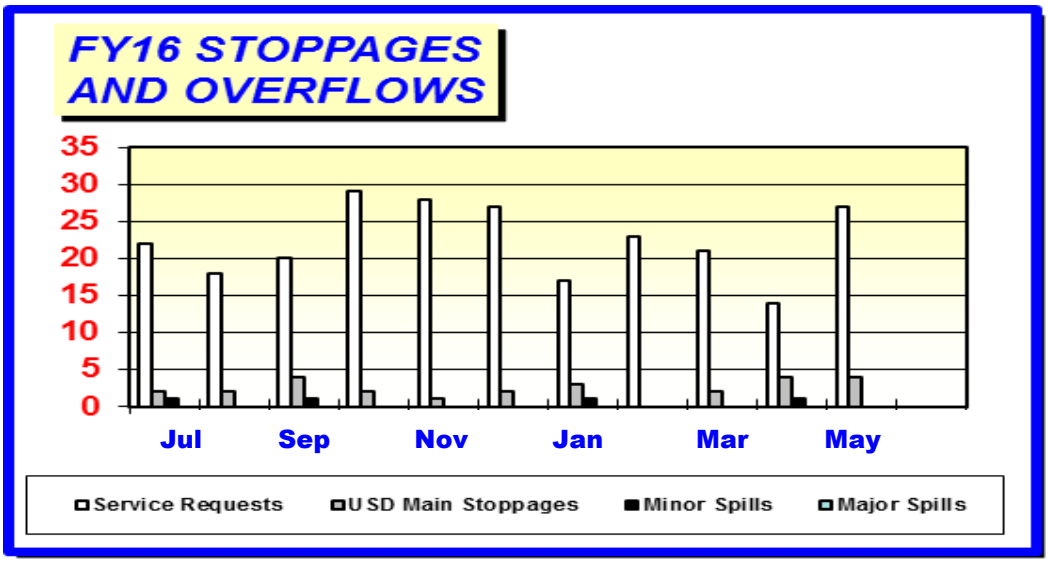


Other Collection Services Status Data:

Support Team Work Order Status:



C/S Maintenance Status:



FMC
Activities Report
May 2016

Progress/Accomplishments

- Completed 96% of preventive maintenance activities for the month of May
- Completed 131 corrective maintenance work orders for the month of May
- Cheese Tank No. 2 placement and hook up
- Cheese pump piping replacement to 2" line to Digester No. 4
- Fremont Lift Station accumulator installation
- Thickener No. 3 and No. 4 annual maintenance
- Secondary Clarifier No. 3 annual maintenance
- Installation of Co-Gen portable air conditioning units

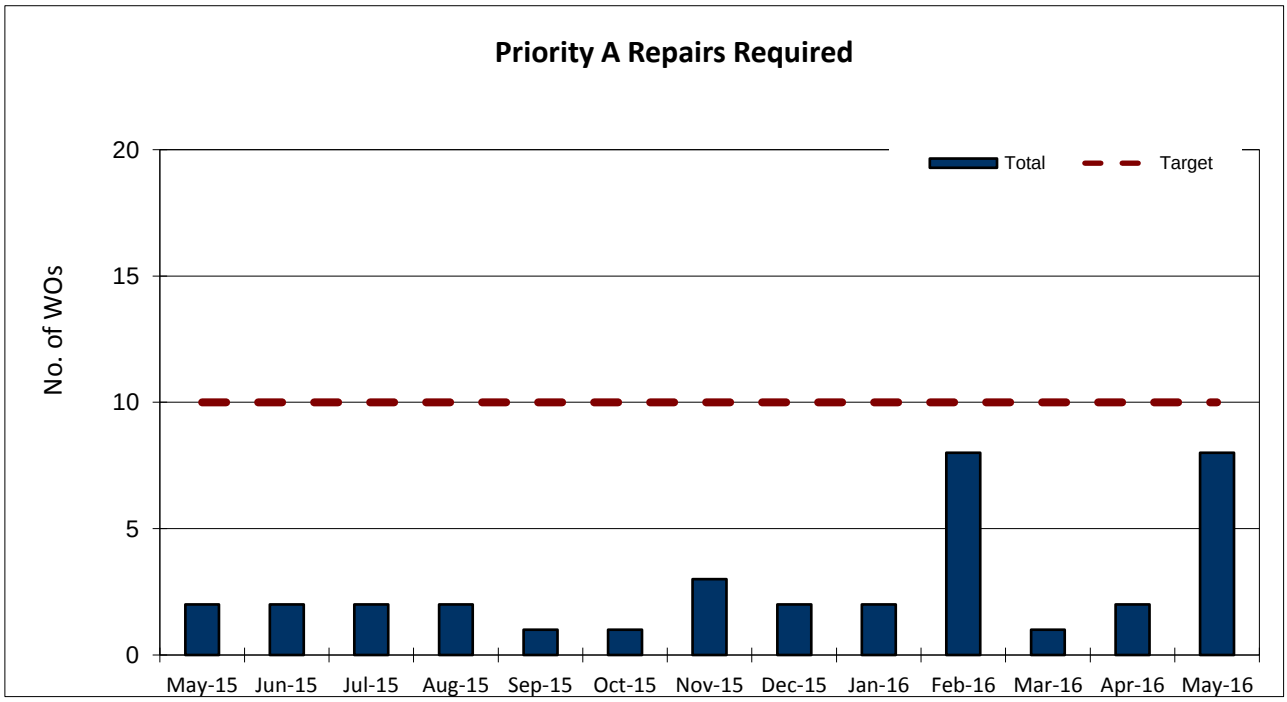
Future Planning

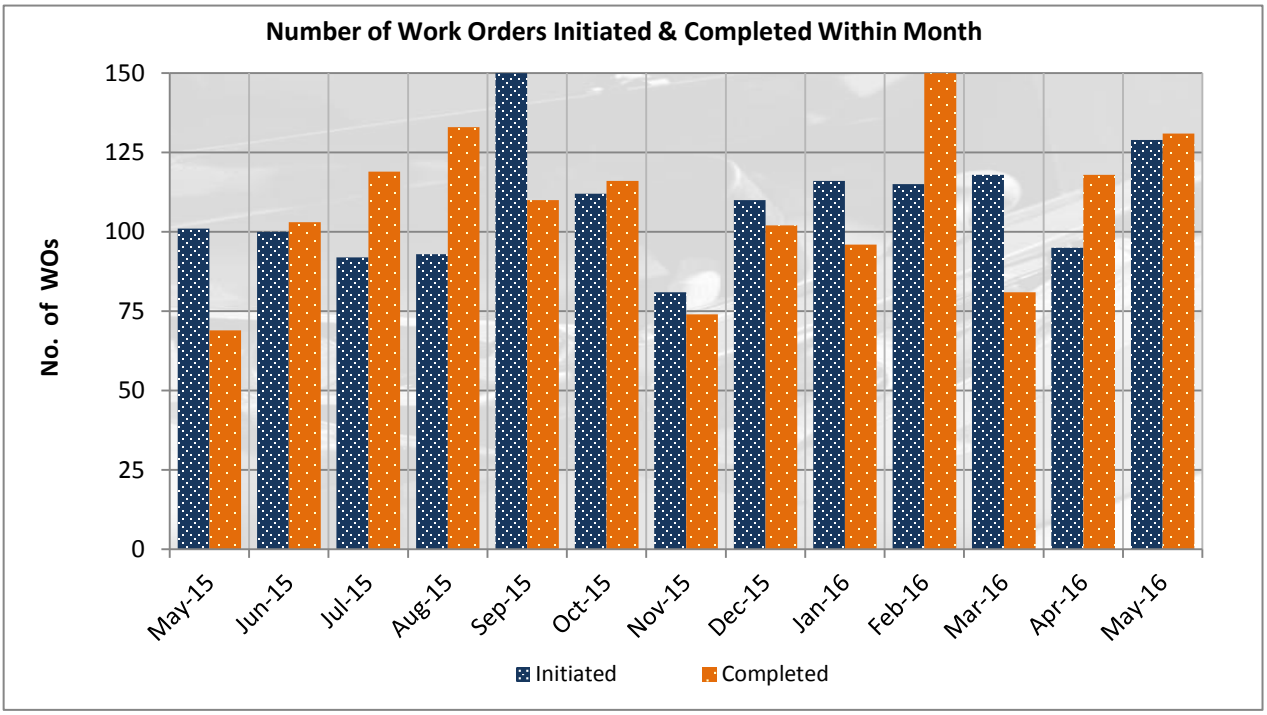
- Secondary Clarifier No. 1 annual maintenance
- Mixing Pump No. 6a rebuild
- Scrubber No. 4 & No. 5 eyewash installation
- Effluent Pump No. 2 Rebuild
- Removal of cheese tanks and piping
- Effluent screen sprocket and chain replacement
- Installation of new Site Waste Pump #3

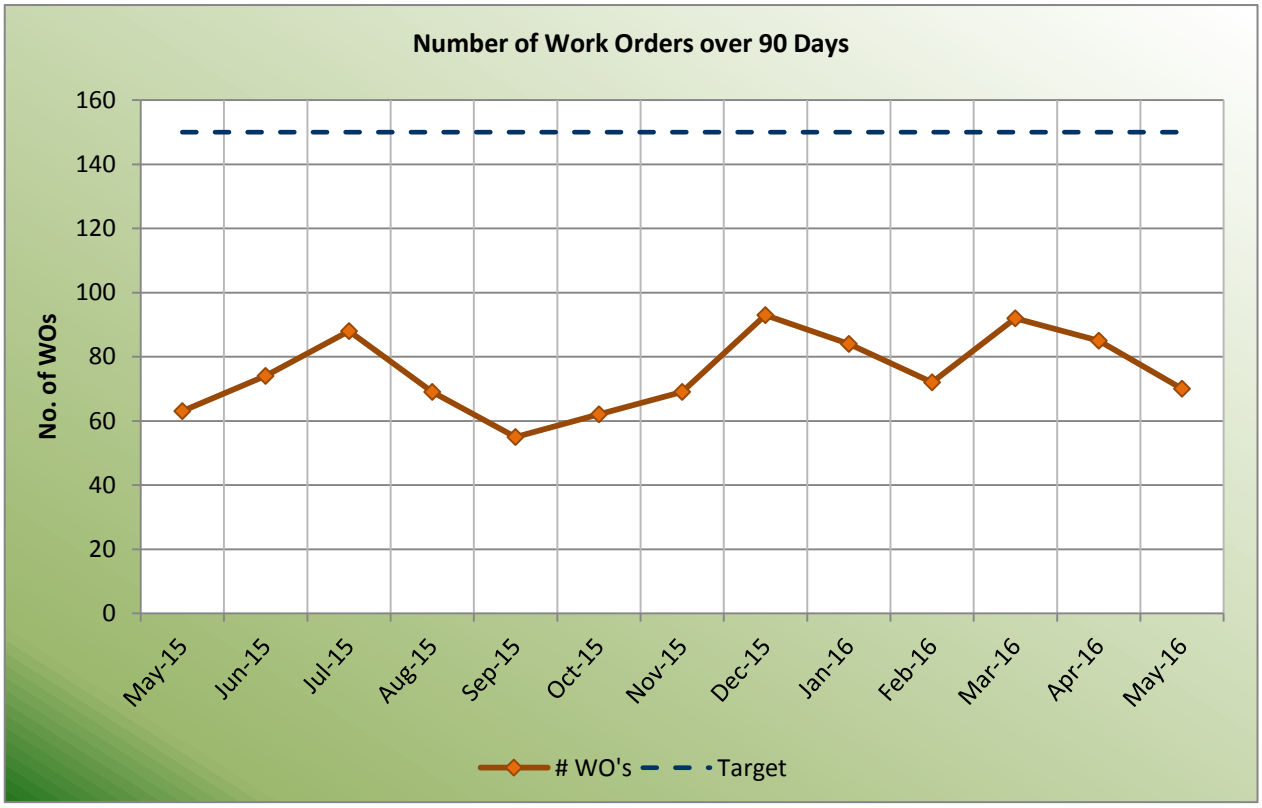
Other

- Plant shutdown on 6/24 to change breaker in Main Distribution, along with other contractor electrical

Performance Measurements




Number of Work Orders Initiated & Completed Within Month
No. of WOs
150
125
100
75
50
25
0
May-15
Jun-15
Jul-15
Aug-15
Sep-15
Oct-15
Nov-15
Dec-15
Jan-16
Feb-16
Mar-16
Apr-16
May-16
Initiated
Completed


Number of Work Orders over 90 Days
No. of WOs
160
140
120
100
80
60
40
20
0
May-15
Jun-15
Jul-15
Aug-15
Sep-15
Oct-15
Nov-15
Dec-15
Jan-16
Feb-16
Mar-16
Apr-16
May-16
WO's
Target

Treatment & Disposal
Activities Report
May 2016

Progress/Accomplishments

- Maintained 100% compliance with NPDES permits.
- Completed 99% preventive maintenance activities for the month of May.
- Continued support on the Engineering Solids Capacity Study.
- Attended ACWD/USD Reclaim Water Project meeting.
- Attended BACWA Permits meeting.
- Continued monitoring of the Co-digestion trial.

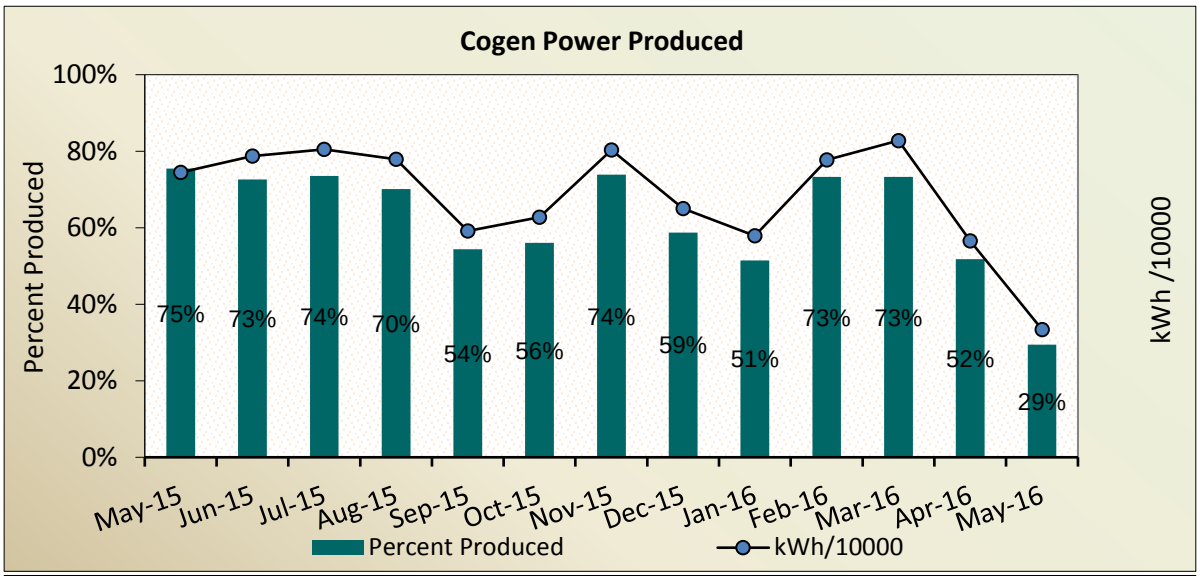
Future Planning

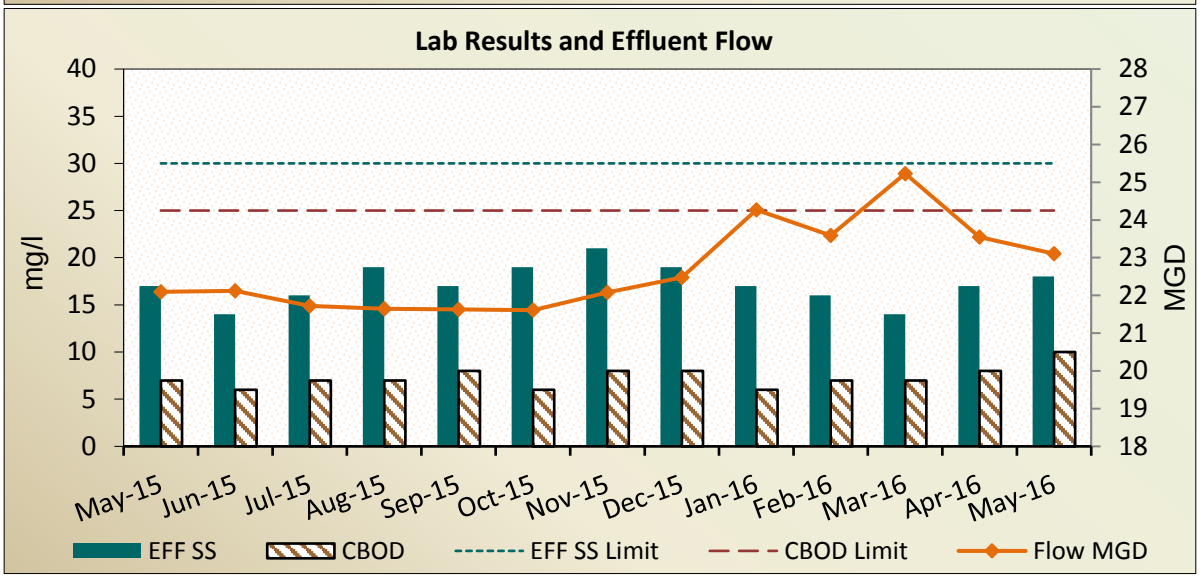
- Ongoing data support for the EBDA Permit renewal process.

Other

- Cogen system produced 29% of power consumed for the month of May.

Performance Measurements





USD's Final Effluent Monthly Monitoring Results				
Parameter	**EBDA Limit**	**Mar-16**	**Apr-16**	**May-16**
Copper, µg/l	78	6.9	6.7	6.7
Mercury, µg/l	0.066	0.00343	0.00389	0.00362
Cyanide, µg/l	42	< 3	< 3	7.000
Ammonia- N, mg/L (Range)	130	32 - 42	36 - 49	37 - 44
Dioxin-Toxicity Equivalent (TEQ), µg/l	2.8×10^{-8}	not tested	not tested	not tested
Fecal Coliform, MPN/100ml (Range)				
• 5-Sample Geometric Mean	500	19 - 63	28 - 38	16 - 64
• 11-Sample 90th Percentile	1100	74 - 147	42 - 74	59 - 65
Enterococci *				
• 5-Sample Geometric Mean	242	31 - 63	41 - 84	52 - 110

E = Estimated value, concentration outside calibration range. For SIP, E = DNQ, estimated concentration.

* Enterococci values are the weekly concentration range not the 5-Sample Geometric Mean range.

UNION SANITARY DISTRICT
CHECK REGISTER
06/04/2016-06/17/2016

Check No.	Date	Invoice No.	Vendor	Description	Invoice Amt	Check Amt
161262	6/9/2016	5903	DW NICHOLSON CORP	MCC & PLC REPLACEMENT - PHASE 3	$252,053.52	$320,946.28
	6/9/2016	5940		PLANT FACILITIES IMPROVEMENTS	$68,892.76	
161380	6/16/2016	1604	WONDRIES FLEET GROUP	1 2016 FORD F550 EXTENDED CAB TRUCK	$65,599.20	$131,198.40
	6/16/2016	1603		1 2016 FORD F550 EXTENDED CAB TRUCK	$65,599.20	
161317	6/16/2016	146483	CAROLLO ENGINEERS	PLANT SOLIDS SYSTEM/CAPACITY ASSESSMENT	$8,320.11	$125,579.69
	6/16/2016	146905		PLANT SOLIDS SYSTEM/CAPACITY ASSESSMENT	$24,970.69	
	6/16/2016	147613		PLANT SOLIDS SYSTEM/CAPACITY ASSESSMENT	$32,588.18	
	6/16/2016	148884		TRANSPORT SYSTEM MISC.	$1,741.48	
	6/16/2016	148990		PLANT SOLIDS SYSTEM/CAPACITY ASSESSMENT	$57,959.23	
161379	6/16/2016	5456	WINNER CHEVROLET INC	1 2016 CHEVROLET SILVERADO 3500HD TRUCK	$51,473.08	$102,462.43
	6/16/2016	5550		1 2016 CHEVROLET SILVERADO 3500HD TRUCK	$50,989.35	
161374	6/16/2016	533620160523	US BANK CORP PAYMENT SYSTEM	MONTHLY CAL-CARD STMT - MAY 2016	$36,038.10	$36,038.10
161347	6/16/2016	12538	LOOKINGPOINT INC	PHONE SYSTEM REPLACEMENT	$28,313.50	$28,313.50
161314	6/16/2016	201363	BURKE, WILLIAMS & SORENSON LLP	GENERAL LEGAL/CIP - APRIL 2016	$2,459.60	$27,003.52
	6/16/2016	201364		GENERAL LEGAL - APRIL 2016	$24,543.92	
161298	6/9/2016	3613125	WESTERN ENERGY SYSTEMS	ASTD PARTS & MATERIALS	$23,644.63	$23,644.63
161261	6/9/2016	1676583C	DELTA DENTAL SERVICE	MAY 2016 DENTAL	$20,221.80	$22,897.15
	6/9/2016	1676583A		MAY 2016 DENTAL	$2,675.35	

UNION SANITARY DISTRICT
CHECK REGISTER
06/04/2016-06/17/2016

Check No.	Date	Invoice No.	Vendor	Description	Invoice Amt	Check Amt
161280	6/9/2016	761520160525	PACIFIC GAS AND ELECTRIC	SERV TO 05/24/16 NEWARK PS	$21,088.50	$21,088.50
161252	6/9/2016	11267334	BROWN & CALDWELL CONSULTANTS	ALVARADO-NILES ROAD SS REHABILITATION	$20,026.96	$20,026.96
161327	6/16/2016	109DA1	DCM CONSULTING INC	ALVARADO BLVD SEWER MAIN REPAIR	$8,907.50	$16,306.50
	6/16/2016	109DA3		ALVARADO BLVD SEWER MAIN REPAIR	$5,222.00	
	6/16/2016	109DA2		ALVARADO BLVD SEWER MAIN REPAIR	$2,177.00	
161315	6/16/2016	29104	CALIFORNIA WATER TECHNOLOGIES	42,700 LBS FERROUS CHLORIDE	$4,787.98	$14,152.40
	6/16/2016	29128		42,100 LBS FERROUS CHLORIDE	$4,633.83	
	6/16/2016	29134		42,380 LBS FERROUS CHLORIDE	$4,730.59	
161279	6/9/2016	36276	OWEN EQUIPMENT SALES	VACTOR TRUCK RENTAL 4/21 TO 5/9/16	$12,942.55	$12,942.55
161348	6/16/2016	439805	MANSFIELD OIL CO OF GAINSVILLE	6160 GALS ULSD CARB DIESEL FUEL	$12,529.71	$12,529.71
	6/16/2016	439804		CREDIT FOR INV 419986 - INCORRECT PRICING	$-12,542.04	
	6/16/2016	419986		6160 GAL ULSD CARB DIESEL FUEL	$12,542.04	
161371	6/16/2016	130848	TOTAL WASTE SYSTEMS INC	MARCH 2016 GRIT DISPOSAL	$4,890.31	$9,976.80
	6/16/2016	130865		MAY 2016 GRIT DISPOSAL	$5,086.49	
161294	6/9/2016	34115	VALLEY OIL COMPANY	470 GALS MOBIL PEGASUS 805 OIL	$7,791.19	$7,791.19
161275	6/9/2016	37432220160601	LINCOLN NATIONAL LIFE INS COMP	LIFE & DISABILITY INSURANCE - JUNE 2016	$7,720.96	$7,720.96
161253	6/9/2016	148974	CAROLLO ENGINEERS	FREMONT & PASEO PADRE LS IMPROVEMENTS	$7,528.15	$7,528.15

UNION SANITARY DISTRICT
CHECK REGISTER
06/04/2016-06/17/2016

Check No.	Date	Invoice No.	Vendor	Description	Invoice Amt	Check Amt
161373	6/16/2016	747962	UNIVAR USA INC	5,009 GALS SODIUM HYPOCHLORITE	$2,265.12	$7,384.33
	6/16/2016	748423		300 GALS SULFURIC ACID 36%	$865.71	
	6/16/2016	747347		4,800 GALS SODIUM HYPOCHLORITE	$2,170.61	
	6/16/2016	747349		4,606 GALS SODIUM HYPOCHLORITE	$2,082.89	
161329	6/16/2016	8708	EAST BAY MUNI UTILITY DISTRICT	50 LAB SAMPLE ANALYSIS	$6,995.30	$6,995.30
161241	6/9/2016	65697	3T EQUIPMENT COMPANY INC	10 PIPEPATCH KIT - WINTER	$6,270.00	$6,270.00
161324	6/16/2016	13838	CRANE WORKS INC	CENTRIFUGE BRIDGE CRANE LOAD CABLE	$5,090.76	$5,090.76
161273	6/9/2016	514599	INSTRUMART	1 EA LIQUID LEVEL TRANSMITTER	$4,545.82	$4,545.82
161293	6/9/2016	745974	UNIVAR USA INC	4,803 GALS SODIUM HYPOCHLORITE	$2,171.96	$4,433.91
	6/9/2016	747082		5,002 GALS SODIUM HYPOCHLORITE	$2,261.95	
161302	6/16/2016	4105755320160531	ALAMEDA COUNTY WATER DISTRICT	SERV TO: 05/31/16-MTR HYD 19866546	$497.66	$4,054.75
	6/16/2016	4105755720160531		SERV TO: 05/31/16-MTR HYD 19866542	$593.49	
	6/16/2016	4105756020160531		SERV TO: 05/31/16-MTR HYD 33481982	$558.99	
	6/16/2016	4105755420160531		SERV TO: 05/31/16-MTR HYD 29389785	$497.66	
	6/16/2016	4105755620160531		SERV TO: 05/31/16-MTR HYD 18486436	$608.82	
	6/16/2016	4105755520160531		SERV TO: 05/31/16-MTR HYD 19866544	$497.66	
	6/16/2016	4105755820160531		SERV TO: 05/31/16-MTR HYD 15210655	$800.47	

UNION SANITARY DISTRICT
CHECK REGISTER
06/04/2016-06/17/2016

Check No.	Date	Invoice No.	Vendor	Description	Invoice Amt	Check Amt
161326	6/16/2016	265568	CURTIS & TOMPKINS, LTD	25 LAB SAMPLE ANLYSIS	$1,388.90	$4,020.95
	6/16/2016	265607		28 LAB SAMPLE ANALYSIS	$1,430.00	
	6/16/2016	265574		33 LAB SAMPLE ANALYSIS	$970.00	
	6/16/2016	265572		30 LAB SAMPLE ANLYSIS	$232.05	
161358	6/16/2016	666720160601	PACIFIC GAS AND ELECTRIC	SERV TO 05/31/16 PASEO PADRE PS	$217.47	$3,616.68
	6/16/2016	898220160601		SERV TO 05/31/16 FREMONT PS	$271.11	
	6/16/2016	096020160601		SERV TO 05/31/16 CATHODIC PROJECT	$53.65	
	6/16/2016	140120160607		SERV TO 06/02/16 IRVINGTON PS	$25.74	
	6/16/2016	380420160601		SERV TO 05/27/16 CHERRY ST PS	$266.46	
	6/16/2016	013720160606		SERV TO 06/05/16 BOYCE RD PS	$2,728.90	
	6/16/2016	892820160601		SERV TO 05/31/16 HAYWARD MARSH	$53.35	
161292	6/9/2016	8338	CITY OF UNION CITY	REFUND # 18981	$3,300.00	$3,300.00
161296	6/9/2016	8190	VESTAR/HTM LLC	REFUND # 18982	$3,300.00	$3,300.00

UNION SANITARY DISTRICT
CHECK REGISTER
06/04/2016-06/17/2016

Check No.	Date	Invoice No.	Vendor	Description	Invoice Amt	Check Amt
161265	6/9/2016	9099540545	GRAINGER INC	1 MAGNETIC DRILL PRESS	$1,489.84	$2,903.28
	6/9/2016	9099540552		1 EA NOZZLE ADAPTER KIT	$214.51	
	6/9/2016	9099919715		1 AIR DUCT	$219.73	
	6/9/2016	9091645094		CREDIT FOR 1 EA SMART UPS, LINE INTERACTIVE 1.5KVA	$-536.69	
	6/9/2016	9098605281		1 PK ELECTRICAL TAPE	$15.14	
	6/9/2016	9099540537		1 EA SMART UPS, LINE INTERACTIVE 1.5KVA	$536.69	
	6/9/2016	9116545337		CREDIT FOR NOZZLE ADAPTER KIT, INV 9099540552	$-214.51	
	6/9/2016	9098605273		1 EA SMART UPS, LINE INTERACTIVE 1.5KVA	$519.39	
	6/9/2016	9099540560		3 AIR DUCTS	$659.18	
161256	6/9/2016	8270	CHAMPION CLEANING SPECIALISTS	REFUND # 18992	$2,500.00	$2,500.00
161281	6/9/2016	8426	PACIFIC PLUMBING & SEWER SERV	REFUND # 18990	$2,500.00	$2,500.00
161316	6/16/2016	8411	CARNEY CONSTRUCTION CONSULTING	REFUND # 18997	$2,500.00	$2,500.00
161308	6/16/2016	1174	AUTOMATED NETWORK CONTROLS	COMPACTLOGIX FIRMWARE UPDATE	$828.44	$2,328.44
	6/16/2016	1174.1		SCADA/PLC SUPPORT SERVICES	$500.00	
	6/16/2016	1174.2		MAIN BREAKER POWER METER INSTALLATION	$1,000.00	
161285	6/9/2016	916002758360	REPUBLIC SERVICES #916	RECYCLE & ROLL OFF - MAY 2016	$2,216.88	$2,216.88
161332	6/16/2016	235570	FRANK A OLSEN COMPANY	1 SITE WASTE PUMP 1 CHECK VALVE AIR CUSHION	$2,089.14	$2,089.14

UNION SANITARY DISTRICT
CHECK REGISTER
06/04/2016-06/17/2016

Check No.	Date	Invoice No.	Vendor	Description	Invoice Amt	Check Amt
161369	6/16/2016	3304207679	STAPLES CONTRACT & COMMERCIAL	ASTD JANITORIAL SUPPLIES - INVENTORY	$454.06	$2,073.62
	6/16/2016	3304207684		ASTD JANITORIAL SUPPLIES - INVENTORY	$85.83	
	6/16/2016	3304207685		ASTD JANITORIAL & BREAKROOM SUPPLIES - INVENTORY	$1,533.73	
161303	6/16/2016	14692	ALLIED FLUID PRODUCTS CORP	6 2" HOSE FOR CHEESE PROJECT	$2,040.76	$2,040.76
161251	6/9/2016	625900	BRENNTAG PACIFIC, INC.	2564 LBS SODIUM HYDROXIDE	$1,355.20	$2,032.81
	6/9/2016	625899		1282 LBS SODIUM HYDROXIDE	$677.61	
161354	6/16/2016	20160531	NAPA AUTO PARTS	MONTHLY AUTO PARTS STMT - MAY 2016	$604.82	$2,022.18
	6/16/2016	682147		ASTD PARTS & MATERIALS	$240.26	
	6/16/2016	682240		4 EA BATTERIES	$1,177.10	
161277	6/9/2016	62991246	MCMASTER SUPPLY INC	ASTD PARTS & MATERIALS	$345.65	$1,926.01
	6/9/2016	63344790		ASTD PARTS & MATERIALS	$725.95	
	6/9/2016	63065413		6 ASTD DRILL BITS	$91.45	
	6/9/2016	62740414		4 EA NO MAINT LARGE-CELL BATTERIES	$173.22	
	6/9/2016	62767119		2 EA SPOKED POLISHED ALUMINUM DISHED HAND WHEELS	$176.01	
	6/9/2016	63130014		2 EA NO MAINT LARGE-CELL BATTERY	$102.96	
	6/9/2016	63791941		ASTD PARTS & MATERIALS	$100.47	
	6/9/2016	62750317		10 FEET SUCTION WATER HOSE	$107.70	
	6/9/2016	63314530		ASTD PARTS & MATERIALS	$41.55	
	6/9/2016	63318560		2 EA NO MAINT LARGE-CELL BATTERY	$61.05	

UNION SANITARY DISTRICT
CHECK REGISTER
06/04/2016-06/17/2016

Check No.	Date	Invoice No.	Vendor	Description	Invoice Amt	Check Amt
161325	6/16/2016	2823975	CUMMINS PACIFIC LLC	GENERATOR 2 INSPECTION	$1,855.50	$1,855.50
161295	6/9/2016	9765761078	VERIZON WIRELESS	WIRELESS SERV 04/21/16-05/20/16	$1,832.16	$1,832.16
161269	6/9/2016	3J5345	HARRINGTON INDUSTRIAL PLASTICS	ASTD PVC PIPE AND FITTINGS	$691.47	$1,764.62
	6/9/2016	3J5430		3 EA ELBOWS	$30.41	
	6/9/2016	3J5564		1 VALVES PRSR REGULATOR	$1,042.74	
161306	6/16/2016	7975723	AT&T	SERV: 03/20/16 - 04/19/16	$1,548.10	$1,742.99
	6/16/2016	8105704		SERV: 04/20/16 - 05/19/16	$19.26	
	6/16/2016	8105728		SERV: 04/20/16 - 05/19/16	$175.63	
161264	6/9/2016	21709854	GLOBAL KNOWLEDGE TRAINING	VMWARE HORIZON TRAINING - TODD JACOB	$1,697.50	$1,697.50
161318	6/16/2016	3083	CDW DIRECT, LLC	1 CISCO AC POWER MOD W/IEC PLUG	$302.50	$1,689.60
	6/16/2016	4012		20 BELKIN 6FT CAT6 UTP SNAGLESS BLUE	$154.00	
	6/16/2016	5720		1 PLC46 MCC PHASE 3 SWITCH	$1,233.10	
161339	6/16/2016	1173890	GROENIGER AND COMPANY	ASTD PARTS & MATERIALS	$1,457.82	$1,647.65
	6/16/2016	4779186		ASTD PARTS & MATERIALS	$130.49	
	6/16/2016	4755538		ASTD PARTS & MATERIALS	$237.36	
	6/16/2016	CM490205		CREDIT FOR INV 4755538, LESS RESTOCK FEE	$-178.02	
161268	6/9/2016	1679626	HANSON AGGREGATES INC	10.2 TONS 1/2 MED TYPE A AC-R	$767.70	$1,548.06
	6/9/2016	1680081		10.37 TONS 1/2 MED TYPE A AC-R	$780.36	
161363	6/16/2016	297327	RKI INSTRUMENTS INC	EAGLE CALIBRATION SERVICE LEVEL 3	$1,502.06	$1,502.06

UNION SANITARY DISTRICT
CHECK REGISTER
06/04/2016-06/17/2016

Check No.	Date	Invoice No.	Vendor	Description	Invoice Amt	Check Amt
161361	6/16/2016	243842	PRESTIGE LENS LAB	SAFETY GLASSES - LEDESMA	$211.34	$1,452.00
	6/16/2016	243839		SAFETY GLASSES - LOPEZ, M	$272.66	
	6/16/2016	243843		VDT GLASSES - RODRIGUEZ	$211.34	
	6/16/2016	243834		SAFETY GLASSES - PORTEOUS	$215.72	
	6/16/2016	243840		SAFETY GLASSES - CULBERTSON	$215.72	
	6/16/2016	243810		SAFETY GLASSES - MOY	$325.22	
161310	6/16/2016	2521925017	BANK OF NEW YORK	JAN 2016 SERVICE FEE	$602.74	$1,364.41
	6/16/2016	2521931106		FEB 2016 SERVICE FEE	$761.67	
161266	6/9/2016	92687237	H & E EQUIPMENT SERVICES INC	REACH LIFT RENTAL - IRV PS 5/10 - 5/12/2016	$1,361.68	$1,361.68
161278	6/9/2016	471832300	NEW PIG CORPORATION	40 BAGS OF RAGS	$1,290.59	$1,290.59
161276	6/9/2016	12758	LOOKINGPOINT INC	ANNUAL SUPPORT FOR PHONE AND NETWORK -MAY 2016	$1,225.00	$1,225.00
161301	6/16/2016	9051577943	AIRGAS NCN	3 CYL ARGON	$1,222.76	$1,222.76
161259	6/9/2016	365148	CURTIS & TOMPKINS, LTD	28 LAB SAMPLE ANALYSIS	$762.05	$1,194.45
	6/9/2016	265008		3 LAB SAMPLE ANALYSIS	$382.40	
	6/9/2016	265410		6 LAB SAMPLE ANALYSIS	$50.00	
161244	6/9/2016	461842	ALLIANT INSURANCE SERVICES INC	07/16-07/17 CRIME RENEWAL	$1,138.00	$1,138.00
161255	6/9/2016	289357	CENTERVILLE LOCKSMITH	36 CUSTOM ENGRAVED LOCKS	$1,136.61	$1,136.61
161300	6/16/2016	65268	AIR & TOOL ENGINEERING COMPANY	ASTD PARTS & MATERIALS	$1,111.23	$1,111.23
161312	6/16/2016	973395	BAY AREA NEWS GROUP EAST BAY	ADS: LEGAL NOTICE FY17 CAPACITY FEES/PROJECT 413	$1,079.91	$1,079.91

UNION SANITARY DISTRICT
CHECK REGISTER
06/04/2016-06/17/2016

Check No.	Date	Invoice No.	Vendor	Description	Invoice Amt	Check Amt
161274	6/9/2016	20928469	LABOR READY	TEMP LABOR-PERRY R., WK END 05/13/16	$1,066.76	$1,066.76
161305	6/16/2016	549985	A-PRO PEST CONTROL INC	MAY PEST CONTROL	$1,005.00	$1,005.00
161357	6/16/2016	45807636	OFFICE TEAM	TEMP LABOR-PENALOSA, J., WKEND 05/13/16	$998.00	$998.00
161372	6/16/2016	180633816	TRENCH PLATE RENTAL COMPANY	14 DAYS EYEBOLT, HD QUIK-SHORE & TRENCH PLATE RENTAL	$970.80	$970.80
161377	6/16/2016	12645	WESTERN MACHINE & FAB INC	4 16MM STUD MFG PER SAMPLE & 1 SST PLATE	$753.50	$913.00
	6/16/2016	12741		1 SPACER RING MFG PER SAMPLE	$159.50	
161288	6/9/2016	7620397700	RS HUGHES CO INC	ASTD PPE & SAFETY SUPPLIES	$885.89	$885.89
161346	6/16/2016	20960752	LABOR READY	TEMP LABOR-PERRY R., WK END 05/20/16	$881.24	$881.24
161304	6/16/2016	8266	AMERICAN DISCOUNT SECURITY	05/16/16 - 05/31/16 GUARD AT DISTRICT GATE	$862.50	$862.50
161291	6/9/2016	6986	TURNER RISK CONSULTING INC	FORK LIFT TRAIN THE TRAINER - COSTELLO	$850.00	$850.00
161376	6/16/2016	8045005112	VWR INTERNATIONAL LLC	1 SOLUTION COD 300MG/L 200ML	$24.55	$846.38
	6/16/2016	8044986546		2 CS HOT PLATE W/DISP & 2 CS EPTIPS BULK 0.5-2.5ML	$821.83	
161311	6/16/2016	5518	BAY AREA COATING CONSULTANT	COATING INSPECTION SERVICES PLANT FACILITIES IMPROV PROJ	$835.12	$835.12
161245	6/9/2016	8063373	AT&T	SERV: 04/13/16 - 05/12/16	$761.06	$827.44
	6/9/2016	8063376		SERV: 04/13/16 - 05/12/16	$66.38	

UNION SANITARY DISTRICT
CHECK REGISTER
06/04/2016-06/17/2016

Check No.	Date	Invoice No.	Vendor	Description	Invoice Amt	Check Amt
161313	6/16/2016	11307240	BLAISDELL'S	ASTD OFFICE SUPPLIES	$47.45	$805.85
	6/16/2016	11306950		ASTD OFFICE SUPPLIES	$20.55	
	6/16/2016	11310840		ASTD OFFICE SUPPLIES	$287.27	
	6/16/2016	11305830		1 TONER	$248.59	
	6/16/2016	11307250		ASTD OFFICE SUPPLIES	$129.83	
	6/16/2016	11310120		ASTD OFFICE SUPPLIES	$72.16	
161267	6/9/2016	9933283	HACH COMPANY	HACH EZ RECYCLING SERVICE CONTAINER KIT	$748.98	$748.98
161341	6/16/2016	3J5800	HARRINGTON INDUSTRIAL PLASTICS	6 ADAPTERS	$59.93	$711.07
	6/16/2016	3J5723		ASTD PARTS & MATERIALS	$651.14	
161375	6/16/2016	34223	VALLEY OIL COMPANY	15 TUBES SHC 460 GREASE & I DRUM XLD 15/40 OIL	$703.02	$703.02
161338	6/16/2016	9106196810	GRAINGER INC	24 ASTD ANCHOR SHACKLES	$342.92	$690.11
	6/16/2016	9105769641		1 EA HOLE DOZER HOLE SAW KIT	$155.10	
	6/16/2016	9106196794		2 EA FLANGE WEDGES	$70.42	
	6/16/2016	9106196802		2 EA PINCH BARS	$121.67	
161336	6/16/2016	1841075311	GOODYEAR COMM TIRE & SERV CTRS	4 EA TIRES	$686.98	$686.98
161355	6/16/2016	20160607	PAUL NELSON	EXP REIMB: WELDING CLASS @ LINCOLN ELECTRIC - CLEVELAND OH	$682.02	$682.02
161246	6/9/2016	87896581205252016	AT&T	SERV: 04/18/16 - 05/17/16	$677.25	$677.25
161344	6/16/2016	602084021	HILLYARD/SAN FRANCISCO	ASTD JANITORIAL SUPPLIES	$643.64	$643.64

UNION SANITARY DISTRICT
CHECK REGISTER
06/04/2016-06/17/2016

Check No.	Date	Invoice No.	Vendor	Description	Invoice Amt	Check Amt
161334	6/16/2016	1083796558	G&K SERVICES CO	ASTD DUST MOPS, WET MOPS & TERRY TOWELS	$36.15	$635.08
	6/16/2016	1083796556		UNIFORM LAUNDERING & RUGS	$364.55	
	6/16/2016	1083796557		UNIFORM LAUNDERING SERVICE	$234.38	
161258	6/9/2016	22598	CLI-METRICS SERVICE COMPANY	SERVICE REQUEST: TROUBLESHOOT COOLING	$619.50	$619.50
161286	6/9/2016	21837	RMC WATER AND ENVIRONMENT	AS NEEDED SUPPORT FOR PRETREATMENT PROGRAM	$605.00	$605.00
161365	6/16/2016	31066	SAFARI BOOKS ONLINE LLC	RENEWAL 10 SLOT BASIC BOOKSHELF - 2 USERS	$598.00	$598.00
161254	6/9/2016	20160608	CASA	CONF REG - S. GHOSSAIN	$550.00	$550.00
161328	6/16/2016	20160615	MICHAEL DUNNING	EXP REIMB: SAFETY RECOGNITION GIFT CARDS	$516.45	$516.45
161263	6/9/2016	1083794629	G&K SERVICES CO	UNIFORM LAUNDERING SERVICE	$229.48	$514.92
	6/9/2016	1083794628		UNIFORM LAUNDERING & RUGS	$249.78	
	6/9/2016	1083794630		ASTD DUST MOPS, WET MOPS & TERRY TOWELS	$35.66	
161260	6/9/2016	8346	DANIEL DALAROSSA	REFUND # 18991	$500.00	$500.00
161287	6/9/2016	8403	ROOTER HERO	REFUND # 18984	$500.00	$500.00
161309	6/16/2016	8373	ROBERT BACHMANN	REFUND # 18999	$500.00	$500.00
161351	6/16/2016	1002850	MOBILE MODULAR MANAGEMENT CORP	FMC TRAILER RENTAL - JUNE 2016	$493.90	$493.90
161340	6/16/2016	1681036	HANSON AGGREGATES INC	6.49 TONS 1/2 MED TYPE A AC-R	$491.46	$491.46
161243	6/9/2016	160503885	AIRTECH MECHANICAL INC	BLDG 78 PANEL ROOM WATER LEAK	$488.00	$488.00
161250	6/9/2016	96	SUZANNE BONTEMPO	OUR WATER OUR WORLD IPM ASSOCIATE	$485.50	$485.50
161283	6/9/2016	31396C	R & S ERECTION OF S ALAMEDA	ROLL UP DOOR BUILDING 81 LIMIT SWITCH BROKEN	$461.80	$461.80

UNION SANITARY DISTRICT
CHECK REGISTER
06/04/2016-06/17/2016

Check No.	Date	Invoice No.	Vendor	Description	Invoice Amt	Check Amt
161360	6/16/2016	20160609	MICHELLE POWELL	EXP REIMB: LODGING/MEALS/TIPS/GAS CAPIO CONF LAKE TAHOE	$460.38	$460.38
161247	6/9/2016	1097695	BADGER METER INC	REPAIR FOR PORTABLE FLOWMETER	$451.00	$451.00
161378	6/16/2016	2139226	WHAT'S HAPPENING INC	AD NAME: CERTIFICATE OF MERIT RECIPIENTS	$415.00	$415.00
161362	6/16/2016	1169	RED WING SHOE STORE	SAFETY SHOES - COSTELLO & FULKERSON	$413.39	$413.39
161352	6/16/2016	24864699	MOTION INDUSTRIES INC	1 CHARGING ASSEMBLY	$386.63	$386.63
161330	6/16/2016	20160615	PAUL ELDREDGE	EXP REIMB: MILEAGE/TOLL/MEALS FOR ET/BOARD/FIELD TRIP	$360.68	$360.68
161282	6/9/2016	20160606	ALEXANDER PAREDES	EXP REIMB: MEALS/PARKING/SHUTTLE NACWA CONF LONG BEACH	$348.67	$348.67
161353	6/16/2016	20160614	BRODERICK MOY	EXP REIMB: CWEA CERT RENEWAL/MEMBERSHIP - LAB ANAL & EC IN:	$341.00	$341.00
161321	6/16/2016	20160614	PETE CHAPARRO	TRAVEL REIMB: MEALS/MILEAGE/BRIDGE TOLL	$327.75	$327.75
161272	6/9/2016	528832	HULBERT LUMBER SUPPLY	ASTD LUMBER SUPPLIES	$65.44	$290.54
	6/9/2016	528906		ASTD LUMBER SUPPLIES	$15.74	
	6/9/2016	528854		ASTD LUMBER SUPPLIES	$209.36	
161289	6/9/2016	1818532047	SAFELITE GLASS CORPORATION	REPLACE WINDSHIELD TRUCK T1339	$286.75	$286.75
161299	6/9/2016	2111150001	WHCI PLUMBING SUPPLY CO	ASTD PARTS & MATERIALS	$276.67	$276.67
161331	6/16/2016	20160614	YIN FANG	EXP REIMB: CWEA MEMBERSHIP	$255.00	$255.00
161368	6/16/2016	20160601	SPOK INC	JUNE 2016 PAGER SERVICE	$239.82	$239.82
161335	6/16/2016	2766614003	GLACIER ICE COMPANY INC	168 7-LB BAGS OF ICE	$238.56	$238.56
161297	6/9/2016	20160601	WEF-WATER ENVIRONMENT FEDERATI	WEF MEMBERSHIP T GRILLO	$235.00	$235.00
161345	6/16/2016	1033936	INDUSTRIAL SAFETY SUPPLY	WINCH REPAIR - FALL PROTECTION	$233.79	$233.79

UNION SANITARY DISTRICT
CHECK REGISTER
06/04/2016-06/17/2016

Check No.	Date	Invoice No.	Vendor	Description	Invoice Amt	Check Amt
161359	6/16/2016	20160616.1	RIC PIPKIN	EXP REIMB: TPO/FMC RECOGNITION BBQ	$156.90	$232.47
	6/16/2016	20160616.2		EXP REIMB: TPO DAY TEAM MEETING	$75.57	
161349	6/16/2016	20160610	SCOTT MARTIN	EXP REIMB: SAFETY SHOES - S. MARTIN	$208.00	$208.00
161284	6/9/2016	8200000009612	RED WING SHOE STORE	SAFETY SHOES - LEDESMA	$200.10	$200.10
161271	6/9/2016	944720160527	HOME DEPOT CREDIT SERVICES	MONTHLY HARDWARE STMT - MAY 2016	$191.64	$191.64
161248	6/9/2016	10151	BAILEY FENCE CO INC	FENCING FOR BY-PASS PUMPING	$180.00	$180.00
161257	6/9/2016	208026	CLARK'S HOME AND GARDEN INC	1 YD CONCRETE 6SK	$168.30	$168.30
161350	6/16/2016	65437648	MCMASTER SUPPLY INC	5 PACKS DISPOSABLE BATTERIES	$63.17	$166.13
	6/16/2016	64365715		2 LG-LIFE RECHARGE NO MAINT LARGE-CELL BATTERIES	$102.96	
161370	6/16/2016	20020837	TELEDYNE ISCO INC	GLS SAMPLER REPAIR	$160.00	$160.00
161322	6/16/2016	208723	CLARK'S HOME AND GARDEN INC	2 #2 SAND	$149.60	$149.60
161249	6/9/2016	11290340	BLAISDELL'S	ASTD OFFICE SUPPLIES	$30.75	$130.22
	6/9/2016	11292300		1 STAMP	$7.69	
	6/9/2016	11290280		1 DOCUMENT FRAME	$15.39	
	6/9/2016	11290430		ASTD OFFICE SUPPLIES	$31.89	
	6/9/2016	11291300		ASTD OFFICE SUPPLIES	$44.50	
161290	6/9/2016	906488541	SHARP BUSINESS SYSTEMS	MTHLY MAINTENANCE BASED ON USE	$115.88	$115.88
161337	6/16/2016	80892	GORILLA METALS	ASTD METAL, STEEL, STAINLESS, AND ALUMINUM	$113.18	$113.18
161270	6/9/2016	602078457	HILLYARD/SAN FRANCISCO	3 CS TRASH LINERS	$112.91	$112.91

UNION SANITARY DISTRICT
CHECK REGISTER
06/04/2016-06/17/2016

Check No.	Date	Invoice No.	Vendor	Description	Invoice Amt	Check Amt
161364	6/16/2016	20160609	JOSE RODRIGUES JR	EXP REIMB: SINKMOD RECOGNITION BBQ	$100.61	$100.61
161356	6/16/2016	20160610	SHAWN NESGIS	EXP REIMB: SAFETY RECOG GIFT CARDS - APRIL AND MAY 2016	$100.00	$100.00
161320	6/16/2016	452262	CENTERVILLE SAW AND TOOL	REPAIR & SERVICE STIHL-KM110R	$88.76	$88.76
161319	6/16/2016	289361	CENTERVILLE LOCKSMITH	REKEY LOCK	$85.00	$85.00
161366	6/16/2016	20160323	JOHN SEO	EXP REIMB: CWEA CERTIFICATION RENEWAL FEE	$81.00	$81.00
161323	6/16/2016	20160614	MITCHELL COSTELLO	EXP REIMB: NIGHTSHIFT TEAM SAFETY RECOGNITION	$59.47	$59.47
161242	6/9/2016	9051484690	AIRGAS NCN	ASTD PARTS & MATERIALS	$57.73	$57.73
161307	6/16/2016	635800120160430	AT&T	SERV: 04/01/16 - 04/30/16	$51.78	$51.78
161343	6/16/2016	617954	HAYWARD WATER SYSTEM	WATER SERV 03/14/16 - 05/13/16	$28.90	$28.90
161333	6/16/2016	150950	FREMONT RUBBER STAMP CO INC	1 RUBBER STAMP	$24.00	$24.00
161342	6/16/2016	22544	HAYWARD PIPE AND SUPPLY	ASTD PARTS & MATERIALS	$20.41	$20.41
161367	6/16/2016	15221	SF PUBLIC UTILITES COMMISSION	UPPER HETCH HETCHY SS REHABILITATION	$7.53	$7.53

Invoices:

Credit Memos :	**4**	**-13,471.26**
$0 - $1,000 :	**161**	**54,365.15**
$1,000 - $10,000 :	**57**	**167,883.92**
$10,000 - $100,000 :	**18**	**629,963.40**
Over $100,000 :	**1**	**252,053.52**
Total:	**241**	**1,090,794.73**

Checks:

$0 - $1,000 :	**76**	**31,573.15**
$1,000 - $10,000 :	**49**	**144,091.26**
$10,000 - $100,000 :	**11**	**234,943.52**
Over $100,000 :	**4**	**680,186.80**
Total:	**140**	**1,090,794.73**

Celebrating Measure AA

About Measure AA

In 1988, with increased urbanization in the East Bay and skyrocketing land prices, EBRPD struggled to keep pace with the growing population. With their commitment to open space and regional parks, over two-thirds of the voters in Alameda and Contra Costa counties voted for Measure AA - a $225 million bond measure. Passage of Measure AA provided provided funding the acquisition and preservation of 34,000 acres of some of the most beautiful and pristine East Bay land. The result is the present network of parks, open space lands, and trails, recognized as one of the best examples of integrated parklands in any urban region in the United States.

Leverage: Since Measure AA's passage, EBRPD has more than doubled the investment by leveraging money to secure over $49 million of matching funds from other public agencies and private donors at no additional cost to taxpayers. In addition, EBRPD officials have strategically refinanced existing Measure AA bonds at lower interest rates, saving taxpayers more than $14 million over the life of the bonds.

Community Support: With about 25 percent of Measure AA funds allocated toward local park projects, EBRPD has funded close to $60 million worth of recreational needs for every city in its jurisdiction, including restoring swimming pools, sports fields, playgrounds, and community and senior centers.

Measure AA Projects

These regional parks, shorelines, visitor centers, trails, recreation areas, and wetlands benefited from Measure AA - either through additional land acquisition or capital improvements.

Berkeley to Richmond

- Parks: Tilden, Wildcat Canyon
- Shorelines: Brooks Island, Eastshore State Park, Miller/Knox, Point Pinole
- Visitor Center: Tilden's Environmental Education Center
- Trails: Point Isabel to Miller/Knox, Point Pinole to Lone Tree, Wildcat to Point Pinole

Oakland to Lamorinda

- Parks: Anthony Chabot, Briones, Claremont Canyon, Leona Open Space, Redwood, Sibley, Huckleberry
- Recreation Areas: Roberts, Temescal
- Trails: Las Trampas to I-680

Hayward to Castro Valley

- Parks: Garin/Dry Creek, Vargas Plateau
- Shoreline: Hayward Shoreline
- Visitor Centers: Garin Barn Visitor Center, Dry Creek Meyers Estate
- Recreation Areas/Lakes: Quarry Lakes, Del Valle
- Trails: Cull Canyon to Garin, Garin to Mission Peak, Hayward Shoreline to Coyote Hills
- Wetlands: Alvarado Wetlands

Alameda to San Leandro Shoreline

- Shorelines: Crown Beach, Martin Luther King Jr., Oyster Bay
- Visitor Center: Crab Cove
- Recreation Areas: Cull Canyon
- Trails: Martin Luther King Jr. to Oyster Bay

Livermore, Pleasanton, Fremont

- Parks: Coyote Hills, Dublin Hills, Mission Peak, Pleasanton Ridge, Sunol/Ohlone
- Visitor Centers: Ardenwood Historic Farm, Sunol
- Recreation Areas: Shadow Cliffs, Quarry Lakes
- Trails: Cull Canyon to Garin, Del Valle to Shadow Cliffs, Garin to Mission Peak, Hayward Shoreline to Coyote Hills, Iron Horse Regional Trail, Pleasanton Ridge to Las Trampas, Shadow Cliffs to Sunol

Central Contra Costa County

- Parks: Bishop Ranch, Briones, Diablo Foothills, Las Trampas, Morgan Territory, Round Valley, Sycamore Valley
- Trails: California State Riding and Hiking Trail, Contra Costa Canal Trail, Iron Horse Regional Trail, Las Trampas to I-680, Big Break to Round Valley, Pleasanton Ridge to Las Trampas

Martinez to Discovery Bay

- Parks: Black Diamond Mines, Briones, Clayton Ranch, Crockett Hills, Vasco Caves
- Shorelines: Big Break, Carquinez Strait, Delta Access, Delta Shoreline, Martinez, Point Molate, San Pablo Bay Shoreline
- Visitor Center: Greathouse Visitor Center at Black Diamond Mines
- Recreation Area: Contra Loma
- Trails: Black Diamond to Mt. Diablo Regional Trail, California State Riding and Hiking Trail, Carquinez Strait Trail, Iron Horse Regional Trail, Point Pinole to Lone Tree Point, Wildcat to Point Pinole
- Wetlands: Pittsburg Wetlands, Richmond Wetlands

EAST BAY TIMES

June 5, 2016

Hostile takeover bodes ill for Bay Area planning agencies

The planned merger of the Bay Area's two regional planning agencies has devolved into a hostile takeover that bodes badly for residents concerned about rational alignment of housing, jobs and transportation.

The Metropolitan Transportation Commission and the Association of Bay Area Governments should be combined to ensure better coordination and avoid duplication.

But not like this.

MTC threatened ABAG's financial existence until it capitulated last month, agreeing to turn over its entire staff with only a promise that at some distant date the two sides will discuss how, or if, their governing boards should merge.

ABAG had few options. By historical fluke, it depends on MTC for critical funding that the transportation commission plans to cut off.

Under the new deal, MTC Executive Director Steve Heminger, who already exercises inordinate influence over his agency, will also control ABAG staff starting next year.

"What we're seeing right now is a self-serving power grab that serves MTC to the detriment of our local communities," says Assemblyman Marc Levine, D-San Rafael.

In other areas of California, one regional agency oversees planning for both transportation and land use. But the Bay Area has two. Each has a board comprised of local elected officials, usually selected by fellow city council members and county supervisors to represent their regions.

ABAG, responsible for landuse and housing policy, prides itself in local control, with 109 representatives from every Bay Area county and every city except Corte Madera. MTC, responsible for allocating transportation funding, has 18 voting members, roughly apportioned by population. But Heminger runs the show because commissioners often fear he could cut future transportation funding for their communities.

"The MTC executive director has a tremendous amount of concentrated power," notes Assemblywoman Catharine Baker, R-Dublin.

Heminger and MTC Chairman Dave Cortese forced merger discussions last year by threatening to withhold $4 million of annual funding the transportation agency had traditionally provided ABAG.

The amount is rounding error at MTC, which spent more on change orders for the Bay Bridge broken bolts or its new downtown San Francisco headquarters. But, it represents one-third of ABAG's annual personnel costs.

The two boards agreed then to negotiate a joint governance structure as part of a merger plan. But MTC maintained a July 1 funding-cutoff threat if no deal was reached.

After months of talks and options from an outside consultant, MTC balked at a new governance structure. It just wanted ABAG's staff.

So ABAG last month passed resolutions caving to MTC's demands. It was that or lose the funding.

After relinquishing its workers early next year, ABAG will contract with MTC for their services. "It's uncertain whether ABAG is really going to be able to have any influence over housing policy issues without direct control over its staff," says Novato Mayor Pat Eklund, an ABAG member who opposed the deal.

Significantly, ABAG's executive board, over objections of many members, agreed to relinquish the staff without discussion of the most important issue — governance.

Instead, the two agencies are to sign a memorandum of understanding to "pursue new governance options within a specified time period." ABAG President Julie Pierce says that could be three or four years. That's absurd.

Once Heminger and the MTC board control the employees, they will have little incentive to compromise on sharing control.

Then there's Heminger's role. Last fall, many involved said a merger would only work with a new leader. Instead, Heminger remains and is ultimately accountable only to the MTC board.

While there are rumors he will retire, there is no timeline. He could remain for years. In its resolution, the ABAG board called for Heminger's successor to report to the boards of both agencies.
What this exposes is that two boards with tremendously important missions and, in the case of MTC, huge power to dole out public money are not answerable to the voters.

They offer up self-serving arguments that it's better that way, that the current system insulates them from political influence.

But, instead, notes Assemblyman Levine, "there's no accountability. We've seen that by the way MTC has coerced ABAG into the position it's in today."

That's why Levine advocates for one directly elected regional board. Maybe he's right.

Daniel Borenstein is a staff columnist and editorial writer. Reach him at 925943-8248 or dborenstein@bayareanewsgroup.com. Follow him at Twitter.com/ BorensteinDan.

THE DAILY JOURNAL
The Peninsula's homepage

Cities aim to cover clean water costs: San Mateo, Foster City to raise sewer rates for treatment plant upgrades

Jun 6, 2016

By Samantha Weigel Daily Journal staff

San Mateo residents will be asked to begin paying more for what they send down the drain as the city seeks to fund a $900 million sanitary system and wastewater treatment plant overhaul — which will also allow it to adhere to state mandates that it cease polluting the environment with sewage spills.

On Monday, June 6, the City Council will review the potential environmental impacts of its Clean Water Program and consider raising rates 12 percent to support the 10-year capital improvement plan.

The city has an unfortunate history of sewage spills that led state officials to issue a cease and desist order in March 2009. San Mateo had a severe problem during heavy rainfalls as its system reached capacity and, between 2005 and 2008, nearly 3 million gallons of untreated sewage contaminated city waterways such as creeks, the Marina Lagoon and the San Francisco Bay, according to the city.

In response to the state's orders, the city began planning for the Clean Water Program that will also incorporate new technologies such as a digester that turns biogas into clean natural gas that could be used to fuel city vehicles.

The city's collection and treatment system includes 234 miles of pipelines, 5,555 sewer manholes, 26 pump stations as well as the treatment plant off Detroit Drive. The wastewater treatment plant upgrade will not only support more than 90,000 San Mateo residents, it also filters sewage from residents in Foster City, Hillsborough, unincorporated portions of the county and customers in the Crystal Springs Sanitation District.

Next week, the council will consider a draft environmental review of the program that looked at a range of impacts such as to aesthetics, air quality, geology, greenhouse gases, recreation, transportation and more. Overall, the review found that the only environmental impacts that could not be mitigated to a less-than significant level would be noise and vibration impacts during construction. But ultimately, the Clean Water Program is touted as a major benefit as it will decrease the chances of sewage spills.

The council will also host a preliminary review next week before forging ahead at its June 20 meeting to possibly raise sewer rates 12 percent. The city's current rates are well below the regional median and the cost for an average single-family home would increase from $56.56 per month to about $63.35 per month, according to the city.

Because the rates are based on how much sewage a household or property produces, the city recommends residents review their water bills to determine how much they typically consume. The rate is ultimately based on residents' average water consumption from a five-month period between November 2015 and March 2016. It's measured in "CCF" or hundred cubic feet; one of which equates to 780 gallons. The base rate will increase from $8.08 to $9.05 per CCF with a minimum charge of $22.62 per month, according to the city.

Sewer costs are charged annually on a parcel's property tax bill.

While San Mateo is the main owner of the wastewater treatment plant, the next largest shareholder is Foster City, which is responsible for about 25 percent of the plant or an estimated $112.5 million to cover the Clean Water Program over the next 10 years, according to a Foster City staff report.

The Foster City Council is also considering raising rates for its customers at its own June 6 meeting. An across-the-board 11 percent sewer rate increase has been proposed for residents and commercial properties. The increase for an average single-family home would be from about $102.94 per two-month billing cycle to about $114.26 per cycle. Townhomes, apartments and condominiums would experience an average increase from about $86.46 per cycle to about $95.98 per cycle, according to the report.

Based on state laws, if a majority of the residents protest the rate increases, the respective city would be prohibited from charging more for its sewer rates.

Visit www.cleanwaterprogramsanmateo.org for more information.

EAST BAY TIMES

Landmark San Francisco Bay parcel tax for wetlands, flood control appears to win

By Paul Rogers, progers@bayareanewsgroup.com

POSTED: 06/07/2016 09:26:48 PM PDT
UPDATED: 06/08/2016 07:03:32 AM PDT

Measure AA, a landmark $12 annual parcel tax in all nine Bay Area counties to fund wetlands restoration and flood control projects around San Francisco Bay's shoreline, appears to have won approval from voters.

The measure, which would raise $25 million a year for 20 years, and needed two-thirds to pass, and had 69.3 percent in favor Wednesday morning with all 4,643 precincts counted.

Although there are still some provisional and mail-in ballots that were postmarked on Election Day left to be counted, Measure AA had 837,162 yes votes by 6 a.m. Wednesday -- more than 31,000 above the two-thirds threshold from a total of 1,208,704 cast.

A milestone for the preservation of San Francisco Bay, Measure AA, which will raise roughly $500 million over the next 20 years, ranks as the largest environmental measure ever approved in the Bay Area. It equals Measure WW, a $500 million parks bond approved by voters in 2008 to fund the East Bay Regional Park District.

"Tonight's vote is a resounding victory for wildlife and people who want a healthy, beautiful bay for future generations," said David Lewis, executive director of Save the Bay, in Oakland.

The measure was backed by environmental groups such as Save the Bay, the Audubon Society and the Nature Conservancy, along with the Silicon Valley Leadership Group, Bay Area Council, PG&E, Google and Facebook. Supporters raised more than $2.3 million while opponents, mostly local taxpayer groups who said it was unfair to charge inland homeowners the same rate as bayfront property owners and large corporations, ran a voluntary campaign.

The idea behind the measure was to provide a local source of funding toward the estimated $1.5 billion job of restoring thousands of acres of tidal marshlands around the bay, from Marin to Alviso, Mountain View to Richmond. Doing so, experts say, will not only bring

back wildlife but give the Bay Area a strategy to deal with rising sea level in the decades ahead.

A study in October by more than 100 scientists, coordinated by the Coastal Conservancy and other organizations, found that 54,000 acres of wetlands -- an area twice the size of the city of San Francisco -- need to be restored around the bay in the next 15 years to provide protection from surging storms. The alternative is concrete sea walls, which can cost more and would turn the bay into a giant bathtub over time, with far fewer birds, fish and other wildlife, the report concluded.

Driven by melting ice and expanding warming water, the bay and the Pacific Ocean off California will rise up to 1 foot in the next 20 years, 2 feet by 2050 and up to 5 feet by 2100, according to a 2012 study by the National Academy of Sciences. "We will now be able to address one of our most pressing regional issues — protecting San Francisco Bay from the threat of rising seas and a changing world climate." said Carl Guardino, CEO of the Silicon Valley Leadership Group, a San Jose business-based organization that helped organize the Yes on AA campaign.

The first-ever local tax before voters in every Bay Area county, the measure's apparent success could mean more regional votes on other issues in the years ahead, from transportation to housing. The vote provided a window into the Bay Area's political leanings, with the more liberal counties, such as Marin and San Francisco voting in favor and the more conservative counties, including Napa and Solano, against.

Also Tuesday, voters approved Measure A, which extends the Santa Clara County parks charter fund and earmarks 1.5 cents per $100 of assessed property tax value to county parks, raising about $57 million a year.

Paul Rogers covers resources and environmental issues. Contact him at 408-920-5045. Follow him at Twitter.com/PaulRogersSJMN.

circle of blue

WaterNews

EPA Review Finds Clean Water Fund Allocations Need Revision

June 10, 2016 / in United States, Water News, Water Policy & Politics / by Brett Walton

Funds distributed to the states do not match current state infrastructure needs.

Great Lakes states, like Illinois, on the shores of Lake Michigan, could lose federal money if Congress decides to change the allocation formula for a key clean water fund. Photo © J. Carl Ganter / Circle of Blue

By Brett Walton, Circle of Blue

The distribution of federal funds to states for sewer, wastewater, and stormwater facilities reflects neither changes in state population over the last three decades nor the infrastructure needs for utilities to meet Clean Water Act goals, according to an EPA analysis [http://www.circleofblue.org/wp-

content/uploads/2016/06/EPA_review_of_the_allotment_of published this week. The pie ought to be sliced differently, the report argues.

The Clean Water State Revolving Fund is the federal government's foremost program for investing in local water infrastructure. Revising the fund's allocation formula, now nearly 30 years old, could drastically shift the resources available to many states and would have the largest effect on small and rural communities, which rely on the loans for expensive projects.

"Crafting an allotment formula has been one of the most controversial issues debated during past reauthorizations of the Clean Water Act," according to Claudia Copeland, a Congressional Research Service analyst [https://www.fas.org/sgp/crs/misc/RL31073.pdf] . "The dollars involved are significant, and considerations of 'winner' and 'loser' states bear heavily on discussions of policy choices reflected in alternative formulations. This is likely to be the case again, when Congress considers legislation to reauthorize the act."

The EPA report, which was required by the 2014 Water Resources Development and Reform Act, suggests revisions to the allocation formula. The three options presented in the analysis take into account the agency's needs survey [https://www.epa.gov/cwns] , last updated in 2012, population changes, water pollution measurements, and the use of federal funds to attract outside money.

Depending on the weight given to each variable, state fortunes could shift dramatically. Michigan would see its allotment drop by 62 percent under

one option. Arizona, on the other hand, would benefit from a 216 percent rise. In general, the losers are the Great Lakes states. The winners are concentrated in the South and West. To maintain financial stability, however, the agency recommends no change greater than 25 percent. Only Congress can change the formula.

In recent years, Congress has added roughly $US 1.4 billion per year to the clean water fund, which loaned $US 5.4 billion in fiscal year 2014 [https://www.epa.gov/sites/production/files/2015-04/documents/cwsrf_2014_financial_statements.pdf] . Just over half the funds went to communities of fewer than 100,000 people.

The money is distributed to the states through an allocation formula based on population and demonstrated need. States, after matching federal funds with a legally required 20 percent state contribution, lend the money at low interest rates to water utilities, sewer districts, and other service providers. New York (11 percent) and California (7 percent) receive the largest shares. Most states fall within the 1 percent to 2 percent range.

The original formula was established in 1987 when Congress abolished the construction grants program, which provided interest-free money for new sewer infrastructure. The grants program then became a loan program. The current formula differs little from the original recipe, though there are now mandatory allocations for Native American tribes and U.S. territories.

WaterWorld

WATER REUSE AND RECLAMATION PROJECTS IN CALIFORNIA GET $30M BOOST FROM INTERIOR DEPARTMENT

WASHINGTON, DC, JUNE 10, 2016 -- More than $30 million in funding through the Bureau of Reclamation's Title XVI program were awarded today by Deputy Secretary of the Interior Michael L. Connor. The money will support seven projects that will provide clean water to California communities and promote water and energy efficiency.

"With California in its fifth year of drought, these investments will build resilience for local communities struggling with limited water supplies -- an effort that is more important than ever as the dangers of drought escalate in the face of climate change," Deputy Secretary Connor said. "Using the best available science and technology to improve the growing disparity between water supplies and demand, this funding will help local water managers stretch dwindling resources."

Title XVI funding from the the Bureau of Reclamation is allocated for the planning, design, and construction of water recycling and reuse projects, on a project-specific basis.

The projects awarded funding today include:

- **City of Corona Water Recycling and Reuse Project**, Corona Comprehensive Reclaimed Water Conversion, Phase 1 - $4 million
- **San Diego Area Water Reclamation Program**, Pure Water San Diego Program - $5 million
- **Eastern Municipal Water District Recycled Water System**, Recycled Water System Pressurized and Expansion Project - $1,222,164
- **Lower Chino Dairy Area Desalination and Reclamation Project**, Chino Desalter Phase 3 Expansion Project - $7.2 million
- **San Diego Area Water Reclamation Program**, Padre Dam Water Recycling Facilities – Phase 1 Expansion - $4.5 million
- **Sonoma County Water Agency**, North Bay Water Reuse Program - $4,706,150
- **San Diego Area Water Reclamation Program**, Sweetwater Authority Water Reclamation Project - $3.7 million

To learn more about these projects, visit http://www.usbr.gov/watersmart/title/.

Since 1992, Title XVI funding has been used to provide communities with a new source of clean water, while promoting water and energy efficiency and environmental stewardship. In that time, approximately $629 million in federal funding through the Title XVI program has been leveraged with nonfederal funding to implement more than $3 billion in water reuse improvements.

Title XVI has become an important part of the Department of the Interior's implementation of the President's June 2013 Climate Action Plan and the Nov. 1, 2013 Executive Order, Preparing the United States for the Impacts of Climate Change.

http://www.waterworld.com/articles/2016/06/water-reuse-and-reclamation-projects-in-california-get-30m-boost-from-interior-department.html

The Mercury News

‘Historic agreement’

$100 million plan aims to keep creeks, bay clean

Deal settles lawsuit filed by environmental group against city of San Jose

By Paul Rogers

June 15, 2016

progers@bayareanewsgroup.com

SAN JOSE — Settling a major lawsuit from environmentalists, San Jose city officials on Tuesday agreed to spend more than $100 million over the next decade and beyond to reduce tons of trash that flows into creeks and San Francisco Bay, repair miles of leaking underground sewage pipes and clean stormwater contaminated with harmful bacteria.

The agreement — a Silicon Valley environmental milestone — comes a year after Bay- keeper, a conservation group based in Oakland, sued the city, claiming it was violating the federal Clean Water Act by not doing enough to clean up trash, sewage spills and other pollution in its two major waterways: Coyote Creek and the Guadalupe River.

“We’re proud to have reached this historic agreement that will not only reduce harmful pollution into San Francisco Bay but also make San Jose a greener place to call home,” said Sejal Choksi-Chugh, executive director of Baykeeper.

The 2015 lawsuit came after a two-year investigation in which Baykeeper employees taking water quality samples found some of the highest levels of sewage contamination and trash concentrations in San Jose’s creeks of any Bay Area city.

Vote passes 10-1

On Tuesday, San Jose officials said that they signed the settlement, a legal agreement called a consent decree, to avoid the costs of a lengthy court battle. As part of the settlement, the city admitted to no wrongdoing. Kerrie Romanow, San Jose’s environmental services director, said nearly all of the settlement’s requirements are actions that the city is either already taking, or was planning to take. “It’s a good thing for the community and for the environment,”

Romanow said. “The settlement commits the city to following through on many things we already had programmed, and it has us do some actions sooner.”

The San Jose City Council approved the settlement 10-1 with little discussion Tuesday.

Mayor Sam Liccardo told city staff to come back by January with a list of funding options to pay the costs, which could include a stormwater fee or tax that would go

before the voters for approval, along with other funding sources such as state water bond funding or federal money.

“We have very large commitments over the next decade as a result of this settlement,” Liccardo said. “I realize we are not going to eat the elephant all in one bite, but a proposed program over the next 10 years would be helpful.”

The dissenting voice, Almaden Valley Councilman Johnny Khamis, the council’s lone Republican, did not agree with City Attorney Rick Doyle, who said a settlement was the best way to save San Jose money in the long-run.

“This group has used the federal law to extort money out of the city,” Khamis said.

City requirements

Reviewing state records, Baykeeper found that San Jose had 780 sewage spills from 2009 to mid-2014. The 523,265 gallons of sewage was enough to fill 20 backyard swimming pools. And much of the effluent ran into storm drains or creeks, where it polluted the water and flowed to San Francisco Bay.

Romanow said the city has been improving its record, cutting sewage spills to fewer than 100 a year.

San Jose has more than 2,100 miles of sewage pipes connecting to its wastewater treatment plant in Alviso.

Roughly 90 percent of the pipes are made of clay that often crack over time, creating spills or allowing water to rush in during rainstorms, causing sewage to overflow through manhole covers.

The city also has more than 1,000 miles of storm drains, which empty into creeks and the bay.

Tuesday’s settlement requires San Jose to:

■ Repair or replace 6.5 miles of sewer pipes a year for the next 10 years, giving priority to cracked pipes older than 50 years that are located near creeks and storm drains. Currently, the city is replacing or repairing about 4.5 miles a year.

■ Identify 32 “trash hot spots” along creeks and clean them at least once a year. At six of those locations, in places like Coyote Creek at Watson Park or the confluence of the Guadalupe River and Los Gatos Creek near downtown’s SAP Center, the city must conduct detailed yearly studies measuring how many pounds of trash were found. The city must also determine whether the debris washed out of storm drains or came from homeless encampments or other locations, in addition to finding out how efforts to limit trash cut the volume.

■ Construct underground catch basins to filter trash out of stormwater before it flows into creeks. Currently, the city has nine such devices, each of which is the size of a backyard garden shed and can cost $500,000 or more. Those affect storm drains spread out across 1,328 acres. The settlement requires coverage over 3,000 acres by

Oct. 1, 2017, which the city says will result in the construction of 14 more catch basins.

■ Reduce trash in creeks 70 percent compared with 2009 levels by July 1, 2017, and 80 percent by July 1, 2019. The city says it is currently at 50 percent.

■ Monitor the levels of fecal bacteria in creeks three times a year.

■ Draw up by 2020 a plan to spend $100 million on “green infrastructure” to filter polluted stormwater, clean it and recharge underground aquifers or use it for another beneficial purpose. That can include building grassy swales in parks, installing permeable pavement or putting in a stormwater capture system that could send the water during rainstorms to the Santa Clara Valley Water District’s purification plant in Alviso to be reused. The city has until 2025 to obtain contracts for $25 million of the work — and until 2050 to spend all of the money. “San Jose’s system need an overhaul,” Choksi-Chugh said. “This will set an example for other communities.”

Staff writer Ramona Giwargis contributed to this report. Paul Rogers covers resources and environmental issues. Contact him at 408-9205045. Follow him at Twitter. com/PaulRogersSJMN.

Annual Contract Purchases of Supplies, Services & Vehicle Renewal Replacements Over $100,000 for Fiscal Year 2017 *- Revised -*	
	Estimated Expenditure
Supplies:	
Sodium Hypochlorite - One-year contract with successful bidder	$384,000
Hydrogen Peroxide, One-Year Contract with Siemens, Inc.	336,000
Ferrous Chloride, One-Year contract with successful bidder	316,000
Polymer, emulsion, One-Year Contract with successful bidder	281,000
Rotork Actuators	154,000
3 Site Waste Pumps	130,000
Total Supplies:	**$1,601,000**
Services:	
PERS Retirement payments for employees	$3,351,694
PERS Medical - payments for employee coverage	3,212,881
State Water Resources Control Board, Debt payments for eight SRF loans	3,127,110
PG&E, electrical service - Alvarado site ($1,250,000) and Newark P.S. ($207,000)	1,457,000
EBDA Operations & Maintenance payments	1,349,000
Biosolids, Year One of Five with Synagro	776,000
PERS Retiree Medical Trust payments (ARC)	583,771
Insurance (Property & Contents, Fleet, General Liability)	267,600
Total Services:	**$14,125,056**
Vehicle & Equipment Renewal/Replacement:	
Hydro Jetter	$325,079
Truck-mounted Jetter	$160,700
Total Vehicle & Equipment Renewal/Replacement	**$485,779**

Previously stated amounts were:
PG&E, electrical service - Alvarado site ($1,150,000) and Newark P.S. ($207,000) - $1,357,000 (a change of +$100,000)
EBDA Operations & Maintenance payments $1,342,000 (a change of +$7,000)

These two amount changes are already reflected in the budget. This page had not been updated with the others previously.

Desk Item
Item 9
6/27/2016