DUBLIN SAN RAMON SERVICES DISTRICT
Board of Directors

NOTICE OF REGULAR MEETING
TIME: 6:00 p.m. **DATE:** Tuesday, May 5, 2015
PLACE: Regular Meeting Place
7051 Dublin Boulevard, Dublin, CA

AGENDA

(NEXT RESOLUTION NO. 23-15) (NEXT ORDINANCE NO. 336)

Our mission is to provide reliable water and wastewater services to the communities we serve in a safe, efficient and environmentally responsible manner.

BUSINESS:	**REFERENCE**	**Recommended Action**	**Anticipated Time**
1. CALL TO ORDER			
2. PLEDGE TO THE FLAG			
3. ROLL CALL – Members: Benson, Duarte, Halket, Howard, Vonheeder-Leopold			
4. SPECIAL ANNOUNCEMENTS/ACTIVITIES			
5. PUBLIC COMMENT (MEETING OPEN TO THE PUBLIC)			

At this time those in the audience are encouraged to address the Board on any item of interest that is within the subject matter jurisdiction of the Board and not already included on tonight's agenda. Comments should not exceed five minutes. Speakers' cards are available from the District Secretary and should be completed and returned to the Secretary prior to addressing the Board. The President of the Board will recognize each speaker, at which time the speaker should proceed to the lectern, introduce him/herself, and then proceed with his/her comment.

6. REPORTS			
A. Reports by General Manager and Staff			
• Event Calendar			
• Correspondence to and from the Board			
B. Agenda Management (consider order of items)			
C. Committee Reports			
DSRSD/Pleasanton Liaison	April 20, 2015		
DSRSD/Dublin Liaison	April 27, 2015		
DSRSD/Zone 7 Liaison	April 27, 2015		
DERWA	April 27, 2015		
7. APPROVAL OF MINUTES - Special Meeting of *April 21, 2015*		District Secretary	Approve by Motion
Regular Meeting of *April 21, 2015*		District Secretary	Approve by Motion

BUSINESS:		**REFERENCE**		
			Recommended Action	**Anticipated Time**
8.	CONSENT CALENDAR			

Matters listed under this item are considered routine and will be enacted by one Motion, in the form listed below. There will be no separate discussion of these items unless requested by a Member of the Board of Directors or the public prior to the time the Board votes on the Motion to adopt.

A.	Approve Standard Form of Right of Entry and Construction Agreement for DSRSD Customer Retrofit	Engineering Services Manager	Approve by Resolution	
B.	Approve Agreement for Auditing Services with Badawi & Associates	Administrative Services Manager	Approve by Resolution	
C.	Approve Format and Content of General Manager Performance Assessment for Fiscal Year Ending June 30, 2015	General Manager	Approve by Motion	
9.	BOARD BUSINESS			
A.	Discuss Drought Management Program	General Manager	Discuss & Provide Direction	5 min
B.	Discuss and Provide Appropriate Direction Related to the Extension of the Current State of Community Drought Emergency and Revisions to the Elements to the District's Drought Management Plan	General Manager	Discuss & Provide Direction	20 min
C.	Discuss Draft Financial Reserves Policy and Provide Direction	Administrative Services Manager	Discuss & Provide Direction	10 min
D.	Review Operating Budgets for Fiscal Years Ending 2016 and 2017	Administrative Services Manager	Receive Presentation & Provide Direction	20 min
E.	Review of Draft CIP 10-Year Plan for FYEs 2016 through 2025 and 2-Year CIP Budget for FYEs 2016 and 2017	Engineering Services Manager	Receive Presentation & Provide Direction	15 min
F.	Receive Presentation on the Status of Bay Area Biosolids to Energy	Engineering Services Manager	Receive Presentation & Provide Direction	20 min

BUSINESS: **REFERENCE**

		Recommended Action	Anticipated Time

10. BOARDMEMBER ITEMS
    - Submittal of Written Reports from Travel and Training Attended by Directors

11. CLOSED SESSION

    A. Consultation with Bert Michalczyk, Security Operations Manager — 15 min
    Pursuant to Government Code Section 54957 – Threat to Public Services or Facilities

    B. Conference with Real Property Negotiator-Pursuant to Government Code Section 54956.8 — 10 min
    Property: Potential Water Supply Contract
    Agency Negotiators: Bert Michalczyk, General Manager
    Dan Gallagher, Operations Manager
    John Archer, Administrative Services Manager
    Dan McIntyre, Engineering Services Manager
    Doug E. Coty, Assistant General Counsel
    Negotiating Parties: East Bay Municipal Utility District and Yuba County Water Agency
    Under Negotiation: Price and Terms

12. REPORT FROM CLOSED SESSION

13. ADJOURNMENT

BOARD CALENDAR*

Committee & Board Meetings	Date	Time	Location
Tri-Valley Water Policy Roundtable #4	May 13, 2015	5:00 p.m.	District Office
Financial Affairs	May 19, 2015	4:30 p.m.	District Office
Regular Board Meeting	May 19, 2015	6:00 p.m.	District Office

*Note: Agendas for regular meetings of District Committees are posted not less than 72 hours prior to each Committee meeting at the District Administrative Offices, 7051 Dublin Boulevard, Dublin, California

All materials made available or distributed in open session at Board or Board Committee meetings are public information and are available for inspection at the front desk of the District Office at 7051 Dublin Blvd., Dublin, during business hours, or by calling the District Secretary at (925) 828-0515. A fee may be charged for copies. District facilities and meetings comply with the Americans with Disabilities Act. If special accommodations are needed, please contact the District Secretary as soon as possible, but at least two days prior to the meeting.

DUBLIN SAN RAMON SERVICES DISTRICT
MINUTES OF A SPECIAL MEETING OF THE BOARD OF DIRECTORS

April 21, 2015

A special meeting of the Board of Directors was called to order at 5:10 p.m. by President Edward R. Duarte. Boardmembers present: President Edward R. Duarte, Director Richard M. Halket, Director Dawn L. Benson (Director Benson entered the meeting at 5:12 p.m.), and Director Georgean M. Vonheeder-Leopold. Vice President D.L. (Pat) Howard was absent. District staff present: Bert Michalczyk, General Manager; Dan McIntyre, Engineering Services Manager; John Archer, Administrative Services Manager/Treasurer; Dan Gallagher, Operations Manager; Robert B. Maddow, Assistant General Counsel; and Nicole Genzale, Administrative Analyst I.

1. CALL TO ORDER

2. PLEDGE TO THE FLAG

3. ROLL CALL - Members: Benson, Duarte, Halket, Howard, Vonheeder-Leopold

4. PUBLIC COMMENT (MEETING OPEN TO THE PUBLIC) – 5:11 p.m. - No members of the public addressed the Board.

5. BOARD BUSINESS

A. Long Term Alternative Water Supply Study Workshop

Engineering Services Manager McIntyre introduced the item to the Board stating that the purpose of the study is to provide information to enable the Board to develop water policies which will have impact on the 2015 Urban Water Management Plan (UWMP), the District's position regarding Delta issues and the water supply agreement with Zone 7. This study will also provide insight on more aggressive conservation issues within the District's service area. It is the first planning step in developing and encouraging a diversified water supply portfolio for the District. The study will focus on the policies and programs critical to the District, though it is likely that concepts recommended in the study will necessitate collaboration within the Tri-Valley and beyond. The first workshop was held on February 17, 2015. Initial water supply and water conservation concepts were presented and a tentative policy framework was agreed upon at that time. The following areas were covered by District staff and the consulting team and discussed by the Board.

Policy Framework for Project
The approach is diversification:

- Reduce Demand
- Increase Reuse
- Increase Reliability
- Decrease Variability
- Reduce Dependence on Imported Supplies
- Reduce "Concentration Risk"

Water Demand Projections

For the purpose of this study, 2010 UWMP projections were used for current potable water supplies and will be updated with the next Urban Water Management Plan.

Water Supply Options Overview

Eight options were initially identified and those denoted with * were selected for further analysis:

- 1 - Demand Management* (certain elements have been selected for further analysis);
- 2 - Non-Potable Recycled Water*;
- 3 - Indirect Potable Reuse*;
- 4 - Direct Potable Reuse*;
- 5 - Regional Desalination*;
- 6 - Transfer & Exchanges*;
- Fringe Basin Groundwater; and
- District-wide Stormwater.

Option 1 – Demand Management

Strategies include:

- Enhanced conservation;
- Recycled Water direct to residential customers;
- Rainwater capture; and
- Greywater.

Combined, these strategies can reduce demand by 660 AFY (2.5% reduction), but these strategies alone will not meet supply needs. Pairing these strategies with various supply options will help reduce demands and meet supply needs in the future.

Option 1a – Enhanced Conservation

From May - December 2014, DSRSD processed 477 rebates at a total cost of $16,000. If DSRSD processes four times the rebates it currently processes, it could save up to 70 AF in 2025, at a total cost of $48,500 or $700/acre-foot.

Option1b – Recycled Water Direct to Residential Customers

- Retrofits - 50 homes irrigating front lawns with recycled water will offset potable use by 5 AFY at a cost of $300,000/AFY. The cost would be approximately $5000 per house.
- New Developments - If 25% of new connections between 2015 and 2025 included recycled water, 200 AFY of potable water could be offset. If put in at time of development, cost to DSRSD would be close to $0.

Option 1c – Rainwater Capture and Greywater

- Retrofits - If 3% of residential connections in 2025 had a rain barrel or installed a greywater system, 55 AFY of potable water could be offset. At

$500 per barrel and assuming DSRSD offers a 50% rebate, total program costs would be $191,000 or $3,400/acre-foot.

- New Developments - If 75% of new connections between 2015 and 2025 installed rain barrels or greywater systems, 390 AFY of potable water could be offset. If put in at time of development, cost to DSRSD would be $0.

Conclusions:

- 660 AFY reduction in demand is possible.
- Reliability is up to 100% and cost is $700/AFY for enhanced rebates and $0 for new development strategies.

The Board endorsed the need to consider possibilities for greywater and rainwater capture and the future connection of recycled water to homes.

Option 2a – Indirect Potable Reuse (IPR) with Groundwater Recharge

- Use of DSRSD flows typically sent to LAVWMA for discharge (approx. 3,500 AFY);
- Advanced water treatment at DSRSD RWTF;
- Separate injection and recovery wells;
- 90% recovery from the GW basin;
- Yield: 2,825 AFY;
- Capital Cost*: $54M - $67M;
- Cost per Acre-Foot: $2,000 - $2,200/AF; and
- Cost assumes no outside funding or cost sharing.

Option 2b – IPR with Reservoir Augmentation

- Use of DSRSD flows typically sent to LAVWMA for discharge (approx. 3,500 AFY);
- Advanced water treatment at DSRSD RWTF;
- Construct pipeline to Lake Del Valle or San Antonio Reservoir;
- Water becomes part of Zone 7/SFPUC supply, which is distributed to Zone 7/SFPUC contract agencies (DSRSD and others);
- Yield: 2,825 AFY;
- Capital Cost*: $94M - $117M;
- Cost per Acre-Foot: $2,700 - $3,100/AF; and
- Cost assumes no outside funding or cost sharing.

Option 2c – Direct Potable Reuse

- Use of DSRSD flows typically sent to LAVWMA for discharge (approx. 3,500 AFY);
- Advanced water treatment at DSRSD RWTF;
- Construct storage to provide health and safety buffer;
- Distribute water through existing DSRSD system;
- Yield: 2,825 AFY;
- Capital Cost: $61M - $76M;

- Cost per Acre-Foot: $1,700 - $2,000/AF;
- Cost assumes no outside funding or cost sharing; and
- Regulations predicted to be in place, about 2018, with costs lessoning due to less infrastructure needed.

Conclusions:

- 2,825 AF available and could be used as:
  - Indirect potable reuse to groundwater basin
  - Indirect potable reuse to local reservoir
  - Direct potable reuse to distribution system
- Reliability is 100% and cost is $1,700 - $3,100/AFY

The Board endorsed the continued evaluation of indirect potable reuse noting that the District needs to consider the use of outside funding, cost sharing and partnership on future projects once analysis of just the District is completed.

Option 3 – Bay Desalination

- Desalination Facility located in Hayward adjacent to Hayward Treatment Plant;
- Brine discharged through EBDA with constructed pipeline from the plant to DSRSD service area;
- Yield: 4,265 AFY;
- Capital Cost: $212M - $264M;
- Cost per Acre-Foot: $4,700 - $5,300/AF; and
- Cost assumes no outside funding or cost sharing.

Conclusions:

- 4,265 AFY is possible
- Reliability is 100%

The Board endorsed the continued evaluation of desalination as a component of the District's future water supply portfolio.

Option 4 – North of Delta Transfers

- Purchase water from north of Delta water suppliers and wheel through EBMUD system;
- Assumes EBMUD will upgrade Walnut Creek Plant to treat Freeport water;
- Delivery alternatives:
  - Construct pipeline from Walnut Creek Treatment Plant to DSRSD service area
  - Connect pipeline to connect to current DSRSD distribution system
- Could use Los Vaqueros for storage;
- Yield: variable;
- Costs: $1,800/AF + new conveyance pipeline from EBMUD to DSRSD;
- Cost assumes no outside funding or cost sharing; and

- Reliability is dependent on the contract secured, but likely better reliability than through Delta water supplies.

The Board endorsed the continued evaluation of north of Delta transfers as a component of the District's future water supply portfolio.

The Board also discussed the available options, including the favorable aspects of indirect and direct potable reuse, previous efforts around indirect potable reuse, and the long timeline for delivery of water per desalination.

Board expressed tentative endorsement of the following policy goals for the long term water supply portfolio, recognizing that tentative estimates place the cost of doing so between $1,600 and $2,000 per AF.

Potable Demand	75-80 residential gallons per person per day
Increase Reuse	No discharge to Bay 365 days (100%) per year
Increase Supply Portfolio Reliability & Variability	85%
Increase Local Control	At least 63% of demand satisfied by local and regional supplies
Reduce Concentration Risk	No more than 40% of supply originates from one source

Mr. Michalczyk stated that as next steps the Board will:

- Receive a final draft report on the study and be given an opportunity for further input; and
- Be asked to adopt a policy developed in alignment with the Study's conclusions which will establish a roadmap to pursue an attainable physical water solution.

No members of the public addressed the Board.

No formal action was taken.

6. ADJOURNMENT

President Duarte adjourned the meeting at 6:13 p.m.

Submitted by,
Nicole Genzale
Administrative Analyst I

For: Nancy G. Hatfield
District Secretary

DUBLIN SAN RAMON SERVICES DISTRICT
MINUTES OF A REGULAR MEETING OF THE BOARD OF DIRECTORS

April 21, 2015

A regular meeting of the Board of Directors was called to order at 6:19 p.m. by President Edward R. Duarte. Boardmembers present: President Edward R. Duarte, Director Richard M. Halket, Director Dawn L. Benson, and Director Georgean M. Vonheeder-Leopold. Vice President D.L. (Pat) Howard was absent. District staff present: Bert Michalczyk, General Manager; Dan McIntyre, Engineering Services Manager; John Archer, Administrative Services Manager/Treasurer; Dan Gallagher, Operations Manager; Carl P.A. Nelson, General Counsel; and Nicole Genzale, Administrative Analyst I.

1. CALL TO ORDER

2. PLEDGE TO THE FLAG

3. ROLL CALL - Members: Benson, Duarte, Halket, Howard, Vonheeder-Leopold

4. SPECIAL ANNOUNCEMENTS/ACTIVITIES

President Duarte announced that a Special Meeting of the Dublin San Ramon Services District Board of Directors was held at 5:00 p.m. today, April 21, 2015; Directors Benson, Halket, Vonheeder-Leopold, and President Duarte attended this Special Meeting. V. P. Howard did not attend the special meeting. Pursuant to Government Code section 54952.3, no Director will receive any compensation or stipend for participating in more than one meeting on this date, as specified in DSRSD policy P100-14-2, Day of Service.

Director Benson announced that she will recuse herself from Closed Session Item 11.B to avoid any appearance of participation in any discussions, decisions, or voting on the potential DSRSD water supply contract with EBMUD and to ensure that she neither influence nor attempt to influence another member of the DSRSD Board regarding any matters pertinent to the contract, consistent with applicable provisions of the Government Code, because she is a salaried employee of EBMUD.

5. PUBLIC COMMENT (MEETING OPEN TO THE PUBLIC) – 6:21 p.m.

Speaker: Mr. Robert Hitchner of Nexus eWater Inc. - Mr. Hitchner provided information regarding an in-home greywater recycling solution called eWater Recycling. He stated Nexus is the only company certified to provide this service per recent changes in the California Plumbing Code.

6. REPORTS

A. Reports by General Manager and Staff

- Event Calendar – General Manager Michalczyk reported on the following:

- The Pleasanton Liaison meeting was held yesterday, April 20, 2015, and went very well. Topics discussed included review of the Capital Improvement Budget, payoff of regional expansion debt, the supplemental agreement for clean water revival and recycled water.
- The Dublin Liaison, Zone 7 Liaison and DERWA meetings are scheduled for Monday, April 27, 2015 at 1:30 p.m., 4:00 p.m., and 6:00 p.m., respectively. District representatives for each meeting have been confirmed with thanks to the alternates for filling in as needed.
- The Tri-Valley Water Policy Roundtable No. 4 has been rescheduled and will be held on Wednesday, May 13, 2015 at 5:00 p.m. The meeting will be hosted by the District in its Boardroom. An alternate Committee Member will fill in for Director Vonheeder-Leopold who will be out of town.
- Today is Engineering Services Manager McIntyre's birthday. The Board and staff wished Mr. McIntyre a happy birthday.

- Correspondence to and from the Board on an Item not on the Agenda - None

B. Agenda Management (consider order of items) - No changes were made

C. Committee Reports

LAVWMA	April 15, 2015
DSRSD/Pleasanton Liaison Committee	April 20, 2015

President Duarte invited comments on recent committee activities. Director Benson reported that the April 20, 2015 DSRSD/Pleasanton Liaison Committee meeting was wonderful. She stated that discussions on the various topics was productive and the relationship with Pleasanton is very encouraging.

7. APPROVAL OF MINUTES – Regular Meeting of *April 7, 2015*

Director Benson MOVED for the approval of the April 7, 2015 minutes. Director Vonheeder-Leopold SECONDED the MOTION, which CARRIED with FOUR AYES, and ONE ABSENT (Howard).

8. CONSENT CALENDAR

Director Benson MOVED for approval of the items on the Consent Calendar. Director Vonheeder-Leopold SECONDED the MOTION, which CARRIED with FOUR AYES, and ONE ABSENT (Howard).

A. Approve Travel to National Pretreatment & Pollution Prevention Training in Greenville, South Carolina for Senior Environmental Compliance Inspector – Approved

B. Approve Amendment to District's Conflict of Interest Code – Approved – Resolution No. 22-15

C. Accept the Following Regular and Recurring Reports: District Financial Statements, Warrant List and Upcoming Board Business, Administrative Operating Budget Adjustment ("No Net Change"), and Capital Outlay Budget Adjustment Request – Approved

9. BOARD BUSINESS

A. Discuss Drought Management Program

General Manager Michalczyk stated his report will address both standing Items 9.A and 9.B. Item 9.A allows for public input to the Board related to the District's current Drought Management Plan; it also enables the Board to give District staff appropriate guidance. Item 9.B summarizes the District's performance under its adopted Drought Management Plan and allows the Board to decide whether or not to continue the existing state of community drought emergency.

Mr. Michalczyk reported the community is continuing to perform well regarding water conservation. He explained that due to new State Water Resources Control Board (SWRCB) regulations for drought management and the Governor's Executive Order, the District's State of Emergency will very likely need to be extended beyond June 30, 2015. Revisions will need to be made to the Drought Management Plan and enabling ordinances conform to new regulations and prohibitions. The Board will review proposed changes to the District's Drought Management Plan at its May 5, 2015 regular meeting. It will formally consider any changes at the May 19, 2015 regular meeting.

No members of the public addressed the Board on this topic.

The Board discussed the topic. Board did not direct staff to develop any changes to the program and was agreeable to the proposed course of action.

B. Accept Water Supply and Demand and Drought Response Action Plan Status Reports and Find that the Need for the Community Drought Emergency Still Exists

Director Vonheeder-Leopold MOVED to accept the Water Supply and Demand Report and the Drought Response Action Plan Status Report and find that the need for the Community Drought Emergency Still Exists. Director Benson SECONDED the MOTION, which CARRIED with FOUR AYES and ONE ABSENT (Howard).

C. Review Strategic Work Plan for FYE 2016 and FYE 2017

General Manager Michalczyk introduced the proposed Strategic Plan Work Plan, which is the final component of the Strategic Plan update that the Board has been evaluating. He reviewed the work plan items spreadsheet which organizes items

by the Plan element they support, and emphasized the individual items with requests for additional budgetary resources. The goal is to present a finalized work plan at the May 19, 2015 Board meeting.

No members of the public addressed the Board on this topic.

The Board discussed the item and was agreeable to the proposed Strategic Work Plan as presented.

10. BOARDMEMBER ITEMS

Director Vonheeder-Leopold reported on the following:

- She attended a City of Dublin joint commission meeting of the Parks & Recreation and Heritage & Cultural Arts divisions yesterday, April 20, 2015, at which opening Emerald Glen Aquatic Complex during a drought was discussed.

- She attended the Alameda County Special District Executive Committee meeting on April 8, 2015. She submitted a written report for this meeting.

- She shared information for Shower Smart (water usage reduction product) she received from City of Dublin Mayor Haubert.

- She received a letter from the Government Finance Officers Association. The District's fiscal report qualified for a certificate in excellence in governmental finance. She praised the finance staff on a remarkable job done this past year.

- She received a letter from City of Pleasanton regarding pooling water allocations. General Manager Michalczyk explained Pleasanton sent a letter to the State Board of Allocation indicating interest in pooling water allocations with Tri-Valley agencies. He advised exercising caution when considering a pooled program as there can be disadvantages to the District's ratepayers.

11. CLOSED SESSION

At 7:08 p.m. the Board went into Closed Session. General Manager announced that Financial Services Manager Archer would attend Item 11.A. General Counsel Nelson announced that Engineering Services Manager McIntyre would attend Item 11.B.

A. Conference with Real Property Negotiator – Pursuant to Government Code Section 54956.8
Property: 7035 Commerce Circle, Pleasanton California
Agency Negotiator: Bert Michalczyk, General Manager
Dan Gallagher, Operations Manager
Dan McIntyre, Engineering Services Manager
Judy Zavadil, Principal Engineer - Supervisory

Carl P.A. Nelson, General Counsel
Negotiating Parties: Nearon Enterprises
Under Negotiation: Terms and Conditions

At 7:49 p.m. Director Benson came out upon the conclusion of Closed Session Item 11.A; the rest of the Board continued with Closed Session Item 11.B.

B. Conference with Real Property Negotiator-Pursuant to Government Code Section 54956.8
Property: Potential Water Supply Contract
Agency Negotiators: Bert Michalczyk, General Manager
Dan Gallagher, Operations Manager
John Archer, Administrative Services Manager
Carl P.A. Nelson, General Counsel
Robert B. Maddow, Assistant General Counsel
Negotiating Parties: East Bay Municipal Utility District and Yuba County Water Agency
Under Negotiation: Price and Terms

12. REPORT FROM CLOSED SESSION

At 8:12 p.m. the Board came out of Closed Session. President Duarte announced that there was no reportable action.

13. ADJOURNMENT

President Duarte adjourned the meeting at 8:13 p.m.

Submitted by,
Nicole Genzale
Administrative Analyst I

For: Nancy G. Hatfield
District Secretary

Dublin San Ramon Services District
Summary & Recommendation

Agenda Item 8A

Reference	Type of Action	Board Meeting of
Engineering Services Manager	Approve Standard Form Agreement	May 5, 2015

Subject
Approve Standard Form of Right of Entry and Construction Agreement for DSRSD Customer Retrofit

☐ Motion	☐ Minute Order	☒ Resolution	☐ Ordinance	☐ Informational	☐ Other
REPORT:	☐ Verbal	☐ Presentation	☒ Staff	D. McIntyre	☐ Board Member

Recommendation:

The Engineering Services Manager recommends the Board of Directors, by Resolution, 1) approve the standard form agreement, and 2) authorize the General Manager or designee to execute the Right of Entry and Construction Agreement for DSRSD Customer Retrofit with customers that are to be retrofitted for recycled water for irrigation.

Summary:

On April 1, 2015 the Governor issued an executive order mandating state-wide 25% water conservation for 2015. The planned Component 2 Recycled Water Expansion Phase 1 – Distribution to West Dublin and Alameda County Project (CIP 15-R009) (Project) will help mitigate severe drought impacts. Construction on the main pipeline of the Project is expected to begin by mid-June. Once the pipeline construction is underway, a separate construction contract will be issued to convert 39 sites to recycled water for irrigation. In order for District staff, contractors, and other personnel to be on each site, the District needs a signed right of entry and construction agreement from each property owner.

Attached to the Resolution (Exhibit "A") is a new, streamlined standard form agreement to give the District permission to work on each customer's private property (each parcel will have its own separate agreement). This agreement is intended to only be used for private customers. A separate agreement to be approved at a subsequent Board meeting will be used for City and School District parcels.

The agreement has the following provisions: right of entry, responsibilities of each party, costs of conversion, maintenance after the project is completed, and a hold harmless clause. Staff requests that the Board grant authority to the General Manager or his designee to execute the attached standard form agreement with each affected private property owner in order to expedite the recycled water conversion process, and to approve agreements with private property owners on future recycled water conversion projects.

Committee Review			Legal Review	Staff Review		
COMMITTEE	DATE	RECOMMENDATION		ORIGINATOR	DEPARTMENT	REVIEWED BY
---	---	---	Yes	S. Delight	Eng Services	

ATTACHMENTS ☐ *None*

☒ Resolution	☐ Minute Order	☐ Task Order	☐ Staff Report	☐ Ordinance

☒ Cost $0	☐ Funding Source A. B.	Attachments to S&R 1. 2. 3.

RESOLUTION NO. _____

RESOLUTION OF THE BOARD OF DIRECTORS OF DUBLIN SAN RAMON SERVICES DISTRICT APPROVING THE STANDARD FORM OF RIGHT OF ENTRY AND CONSTRUCTION AGREEMENT FOR DSRSD CUSTOMER RETROFIT FOR MISCELLANEAOUS IRRIGATION CUSTOMERS

WHEREAS, the people of the State of California have a primary interest in the development of facilities to recycle wastewater to supplement existing surface and underground water supplies and to assist in meeting the future water requirements of the State (California Water Code Sections 13510 and 13550); and

WHEREAS, the State of California is currently undergoing an unprecedented drought; and

WHEREAS, Zone 7 Water Agency has determined that currently there is inadequate water supply for build out of the water retailers' General Plans and has identified increased use of recycled water as a partial solution to the supply shortfall; and

WHEREAS, the Component 2 Recycled Water Expansion Phase 1 – Distribution to West Dublin and Alameda County Project (CIP 15-R009) (Project) provides a drought-proof water supply that is available year-round for non-potable uses while preserving the Tri-Valley's limited potable water supply; and

WHEREAS, the Project will provide recycled water for landscape irrigation to thirty-nine sites in west Dublin including Dublin Unified School District school sites, City of Dublin sites; and

WHEREAS, permission is required to enter, construct, occupy and use property owned by various property owners to retrofit the existing irrigation systems at various properties to conform to the District's recycled water guidelines; and

WHEREAS, a standard form agreement for right of entry and construction has been created for use at each property site owned by private customers, excluding City and School District

parcels, for this Project and future recycled conversion projects.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF DUBLIN SAN RAMON SERVICES DISTRICT, a public agency located in the counties of Alameda and Contra Costa, California, as follows:

1. The standard form of "Right of Entry and Construction Agreement for DSRSD Customer Retrofit" for use at various properties owned by private customers converting to recycled water, attached hereto as Exhibit "A," is hereby approved for use with this Project and future conversion projects that may take place.
2. The General Manager or designee and District Secretary are hereby authorized and directed to execute, and to attest thereto, respectively, said agreement for and on behalf of Dublin San Ramon Services District.

ADOPTED by the Board of Directors of Dublin San Ramon Services District, a public agency in the State of California, counties of Alameda and Contra Costa, at its regular meeting held on the 5th day of May 2015, and passed by the following vote:

AYES:

NOES:

ABSENT:

_____
Edward R. Duarte, President

ATTEST: _____
Nancy G. Hatfield, District Secretary

RIGHT OF ENTRY & CONSTRUCTION AGREEMENT FOR DSRSD CUSTOMER RETROFIT

Name of Property Owner:	Date of Execution by DSRSD:
APN:	Property Address:

1. OWNER hereby grants to Dublin San Ramon Services District, its agents, employees, consultants and contractors (collectively "DSRSD") the right to enter upon the OWNER's Property for the purpose of constructing landscape irrigation retrofit improvements on Property to enable recycled water to be used for landscape irrigation on the Property ("Project"), as shown in the landscape irrigation plans prepared by HydroScience Engineers, Inc., dated _____ _____, 2015 ("Project Plans"), a copy of which has previously been provided to OWNER. The Project shall include all incidents and appurtenances necessary or appropriate to accomplish the excavation for and installation of the improvements, including, without limitation, depositing, stockpiling or storing soil, materials, supplies, equipment, tools, and vehicles, and erecting poles, fences and other temporary installations incidental to the Project.

2. During construction of the Project, DSRSD's Contractor shall endeavor to minimize inconvenience to OWNER, and OWNER shall refrain from interfering with the operations of DSRSD's Contractor. In the event that OWNER observes any deficiencies in DSRSD's Contractor's work, or experiences any unprofessional behavior with DSRSD's Contractor, OWNER shall immediately notify the Project Manager by telephone with subsequent written confirmation, to provide DSRSD with the opportunity to require DSRSD's Contractor to address or resolve such deficiencies and/or problems.

3. The permission to enter granted by this Right of Entry shall be effective as of the date of execution by the OWNER as set forth below and shall continue in full force and effect until completion of the Project or 18 months after said date of execution, whichever occurs first. Notwithstanding the preceding sentence, DSRSD's right to inspect the modifications and to perform cross connection testing, as specified in paragraph 9, shall survive the termination or expiration of this Right of Entry.

4. OWNER expressly waives any and all claims for compensation resulting from the exercise of this Right of Entry consistent with this Right of Entry and DSRSD's use of the Property to construct the Project.

5. DSRSD shall be responsible for full retrofit of OWNER's on-site irrigation system in accordance with DSRSD Standard Specifications and Drawings for Design and Installation of Water and Wastewater Utilities, all applicable requirements of the California Department of Public Health and Regional Water Quality Control Board, and DSRSD Recycled Water Use Guidelines and Standards. This includes design, modifications to the existing system, coverage and cross connection testing. OWNER shall be responsible for any onsite repairs before or during construction that are the result of the age or condition of the existing system, including, without limitation, normal wear and tear and/or deferred maintenance.

6. OWNER agrees to have personnel available to assist DSRSD's contractor for cross connection and coverage testing activities in order to activate appropriate irrigation control devices. DSRSD Contractor shall notify OWNER with a minimum of 48 hour's advance notice prior to any scheduled testing date.

7. DSRSD agrees to restore the surface of the Property to a condition comparable to the condition which existed prior to the DSRSD's entry thereon for purposes of carrying out the Project. Said restoration shall be to the reasonable satisfaction of OWNER. Notwithstanding the foregoing, OWNER expressly consents to the modifications of the landscape irrigation system on the Property, in accordance with the Project Plans. DSRSD will adjust irrigation heads as needed to minimize overspray outside landscape areas.

8. DSRSD will indemnify and hold harmless OWNER from all claims, injuries, liability or damages directly resulting from the negligent acts of DSRSD, its employees, agents, consultants or contractors on the Property pursuant to this Right of Entry. DSRSD's obligations under this section shall not extend to any claims, demands, losses, expenses or liabilities arising from OWNER's breach of any of the terms, conditions, representations or warranties contained in this Right of Entry, or out of the negligent or intentional acts of anyone other than DSRSD or its employees, agents, consultants or contractors.

9. OWNER agrees to use recycled water in accordance with applicable regulations and other provisions of law, and with DSRSD Standard Specifications and Drawings and DSRSD's Recycled Water Use Guidelines and Requirements, as they may respectively be amended from time to time, and upon completion of the Project, to operate and maintain the Project in accordance with all applicable rules and regulations for use of recycled water per DSRSD Recycled Water Use Guidelines. OWNER shall sign off on work completed by DSRSD's contractor upon completion of work. DSRSD shall have no responsibility for operation or maintenance of the Project thereafter, but will retain the right to inspect the modifications to the existing system, and to perform cross connection testing, as required by the various authorities described above.

10. Except as noted above, DSRSD or designee will notify OWNER's representative, _____ or other designated representative at _____ at least two (2) business days prior to DSRSD's entry onto the Property.

11. DSRSD's Project Manager for purposes of this Right of Entry is _____ at (925) _____-_____.

12. If the Property is tenant occupied, OWNER represents and warrants that OWNER's tenant has consented to this Right of Entry, as shown by the fully authorized signature of tenant below. If the tenant signature portion of this Right of Entry is not completed, OWNER's signature shall constitute a representation and warranty upon which DSRSD is entitled to rely that no person other than OWNER is entitled to use or possession of the property, and that OWNER has full legal authority to execute this Right of Entry without tenant consent or permission.

13. OWNER represents and warrants that OWNER has no knowledge of any hazardous materials having been released on the Property and that, to the best of OWNER's knowledge, the Property is free and clean of any environmental contamination. If any hazardous materials, environmental contamination, or other unforeseen conditions are discovered on the Property during the course of work by DSRSD's Contractor, DSRSD's Contractor may immediately cease work and DSRSD shall have no further obligations under this Agreement or as a result of the entry onto the Property.

14. This Agreement represents the entire understanding of the parties as to those matters contained herein. No prior oral or written understanding shall be of any force or effect with respect to those matters covered hereunder.

The undersigned signatories represent and warrant that they are authorized to execute this Agreement for the Parties on behalf of whom they are signing for. Each signatory individually agrees to defend, indemnify and hold harmless the other parties from any and all claims, injuries, liability or damages that may arise out of their lack of authority to execute this Agreement for the Parties on behalf of whom they are signing for.

TENANT	OWNER
_____	_____
a _____	a _____
Type of Legal entity	Type of Legal entity
By: _____	By: _____
Dated: _____ 20____	Dated: _____ 20____
Print Name: _____	Print Name: _____
Title: _____	Title: _____
Address: _____	Address: _____
_____	_____

"DSRSD"
DUBLIN SAN RAMON SERVICES DISTRICT,
a public agency

By: _____
[General Manager or Designee Name]

Attest:

_____
Nancy G. Hatfield, District Secretary

Dublin San Ramon Services District
Summary & Recommendation

Agenda Item 8B

Reference	Type of Action	Board Meeting of
Administrative Services Manager	Approve Agreement	May 5, 2015

Subject

Approve Agreement for Auditing Services with Badawi & Associates

☐ Motion	☐ Minute Order	☒ Resolution	☐ Ordinance	☐ Informational	☐ Other
REPORT:	☐ Verbal	☐ Presentation	☒ Staff	J. Archer	☐ Board Member

Recommendation:

The Administrative Services Manager recommends the Board of Directors approve, by Resolution, the Agreement for auditing services with Badawi & Associates.

Summary:

Staff recently issued a Request for Proposals for the performance of the Dublin San Ramon Services District (District) annual audit and Livermore Amador-Valley Water Management Agency (LAVWMA) annual audit. Twelve professional accounting firms were invited to participate. Seven firms submitted proposals. The Audit Selection Committee reviewed the proposals and narrowed the selection to two local firms. Upon completion of checking references and interviewing the two accounting firms, the Audit Selection Committee is recommending that the Board award the auditing services contract to Badawi & Associates.

Badawi & Associates is located in Oakland, CA and was founded by Mr. Ahmed Badawi. Mr. Badawi has over 18 years of experience working with state and local governments and will be the Engagement Partner assigned to the District and LAVWMA. The professional staff of the accounting firm have performed audit services for many cities and special districts, including Alameda County Water District, Marin Municipal Water District and Castro Valley Sanitary District.

The contract is a one-year contract with five, one-year renewal options. The first year contract cost for the District is $24,935; the cumulative cost over five years for the District is $132,440. The first year contract cost for LAVWMA is $8,000; the cumulative cost over five years for LAVWMA is $42,470.

This selection process is in accordance with the attached Board policy P400-14-3 Auditor Selection and Services.

Committee Review			Legal Review	Staff Review		
COMMITTEE	DATE	RECOMMENDATION		ORIGINATOR	DEPARTMENT	REVIEWED BY
---	---	---	Not Required	J. Archer	Admin Services	

ATTACHMENTS ☐ *None*

☒ Resolution	☐ Minute Order	☐ Task Order	☐ Staff Report	☐ Ordinance

☒ Cost $24,935	☒ Funding Source A. Administration (100%) B.	Attachments to S&R 1. Auditor Selection and Services Policy

RESOLUTION NO. _____

RESOLUTION OF THE BOARD OF DIRECTORS OF DUBLIN SAN RAMON SERVICES DISTRICT APPROVING THE AGREEMENT FOR PROFESSIONAL AUDITING SERVICES BETWEEN DUBLIN SAN RAMON SERVICES DISTRICT AND BADAWI & ASSOCIATES

WHEREAS, the District requires an annual audit of its financial records be performed by an independent professional accounting firm; and

WHEREAS, the District conducted a Request for Proposal to obtain those services; and

WHEREAS, the firm of Badawi & Associates has the experience and qualifications needed to perform those services.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF DUBLIN SAN RAMON SERVICES DISTRICT, a public agency located in the counties of Alameda and Contra Costa, California as follows:

That certain "Agreement for Auditing Services with Badawi & Associates" (attached as "Exhibit A") by and between Dublin San Ramon Services District and Badawi & Associates is hereby approved, and the General Manager and District Secretary are hereby authorized and directed to execute, and to attest thereto, respectively, said agreement for and on behalf of Dublin San Ramon Services District.

ADOPTED by the Board of Directors of Dublin San Ramon Services District, a public agency located in the counties of Alameda and Contra Costa, California, at its regular meeting held on the 5th day of May 2015, and passed by the following vote.

AYES:

NOES:

ABSENT:

_____
Edward R. Duarte, President

ATTEST: _____
Nancy G. Hatfield, District Secretary

AGREEMENT for AUDITING SERVICES
WITH
BADAWI & ASSOCIATES

THIS AGREEMENT, made and entered into this _____ day of _____, 20__ by and between DUBLIN SAN RAMON SERVICES DISTRICT, a public agency in the counties of Alameda and Contra Costa, California (""District"") and Badawi & Associates ("Auditor"), 180 Grand Avenue, Suite 1500, Oakland, CA 94612, (510) 768-8244;

WHEREAS, District requires professional services for the independent annual audit of the District's financial statements (Audit); and

WHEREAS, Auditor's principals are duly licensed Certified Public Accountants in the State of California and Auditor represents that their firm is experienced in performing, and uniquely qualified to perform, the professional services necessary for the Audit;

WHEREAS, District desires to engage Auditor for such services; and

NOW, THEREFORE, the parties hereto agree as follows:

1. SERVICES. Auditor shall provide all expert professional and technical auditing services as described in the Request for Proposal issued by the District on February 4, 2015 and the Auditor's proposal dated March 16, 2015, copies of which are attached hereto, marked Exhibit "A" and Exhibit "B", and by this reference incorporated herein, in accordance with the terms and conditions of this Agreement.

2. COMPENSATION. District shall compensate Auditor for all services performed by Auditor pursuant to Paragraph 1 in an amount equal to Auditor's hourly rates of charge for Auditor's personnel times the number of hours, or portions thereof, of services correspondingly performed by said personnel. Said rates of charge are set forth in Exhibit "C" hereof, attached hereto, and by reference incorporated herein. Said rates may be adjusted, from time to time, upon written approval of the District.

Compensation shall be payable by District within thirty (30) days upon receipt of billing by Auditor. Billing by Auditor to District shall not be more often than monthly. The billing shall include an itemized statement briefly describing the services rendered and costs incurred and the authorized amount remaining.

3. RECORDS. Auditor shall keep and maintain accurate records of all time expended and costs and expenses incurred relating to services to be performed by Auditor hereunder. Said records shall be available to District for review and copying during regular business hours at Auditor's place of business, or as otherwise agreed upon by the parties.

4. NON-ASSIGNABILITY. Auditor shall not subcontract, assign, sell, mortgage, hypothecate or otherwise transfer its interest or obligations in this agreement without the express prior written consent of District, which consent shall not be unreasonably withheld. Unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under this Agreement. Nothing contained in this paragraph shall prevent Auditor, upon District's written consent, from employing such independent consultants, associates, and subcontractors as may be necessary to assist in the performance of the services hereunder. Nothing herein shall be construed to give any rights or benefits to anyone other than District and Auditor.

5. STATUS. In the performance of services hereunder, Auditor shall be, and is, an independent contractor, and shall not be deemed to be an employee or agent of District.

6. PERIOD OF SERVICE. The initial contract term will be one year with four one-year renewal options. The General Manager has authority to renew the contract unless otherwise instructed by the Board. Auditor shall complete all work pursuant to this Agreement before it expires.

7. PERFORMANCE STANDARDS. In performing services hereunder, Auditor shall adhere to the standards generally prevailing for the performance of expert technical and consulting services similar to those to be performed by Auditor hereunder, shall exercise the same degree of care, skill, and diligence in the performance of the Services as is ordinarily provided by a professional under similar circumstances, and shall, at no cost to District, re-perform services which fail to satisfy the foregoing standard of care.

Any costs incurred by the District and used to correct deficiencies caused by Auditor's negligent errors and omissions or willful misconduct shall be borne solely by the Auditor. The District is relying upon the Auditor's qualifications concerning the services furnished hereunder and, therefore, the fact that the District has accepted or approved the Auditor's work shall in no way relieve the Auditor of these responsibilities.

8. TERMINATION. Either party may terminate this Agreement without cause by giving the other party written notice thereof not less than sixty (60) days in advance of the effective date of termination, which date shall be included in said notice.

In the event of such termination, District shall compensate Auditor for services rendered to the date of termination, as the case may be, calculated in accordance with the provisions of Paragraph 2. In ascertaining services actually rendered to the date of termination, consideration shall be given both to work completed and work in process of completion. Nothing herein contained shall be deemed a limitation upon the exercise of the right of District to terminate this Agreement for cause, or otherwise to exercise such legal or equitable rights, and to seek such remedies as may accrue to District, or to authorize Auditor to terminate this Agreement for cause.

9. TITLE TO, POSSESSION OF, AND RELIANCE UPON DOCUMENTS. The audit report shall become the property of the District, subject to such subsequent authorization by auditor as may be required for use in another context such as a bond official statement or annual report. All other audit documentation is the property of the auditor. The auditor may make available to DSRSD upon request copies of the audit documentation, provided such disclosure does not undermine the effectiveness and integrity of the audit process.

Materials not delivered to District ("Non-Deliverables") shall be retained by Auditor, but Auditor shall provide District access to such Non-Deliverables at all reasonable times upon District's request. District may make and retain copies of all Non-Deliverables, at District's expense, for information and reference.

10. COMPLIANCE WITH LAWS. In performance of this Agreement, Auditor shall exercise due professional care in compliance with all applicable federal, state and local laws, rules, regulations, orders, codes, criteria and standards. Auditor shall procure all permits, certificates, and licenses necessary to allow Auditor to perform the Services specified herein.

Auditor shall comply at all times with California Occupational Safety and Health Act ("OSHA") regulations regarding necessary safety equipment or procedures and shall take all necessary precautions for safe operation of its work, and the protection of its personnel and the public from injury and damage from such work.

11. NON-DISCLOSURE OF PROPRIETARY INFORMATION. Auditor shall consider and treat all documents and information provided to Auditor by District in furtherance of this Agreement to be the District's proprietary information, unless said information is available from public sources other than District. Auditor shall not publish or disclose District's proprietary information for any purpose other than in the performance of services hereunder without the prior written authorization of District or in response to legal process. Nothing herein contained shall be deemed to abrogate compliance with the California Public Records Act (Government Code Section 6250, et seq.); provided that District shall determine and advise Auditor which documents, if any, are required to be disclosed under said Act.

12. INSURANCE. Auditor shall procure and maintain for the duration of this Agreement, and any Task Orders issued hereunder, insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by the Auditor, its agents, representatives, or employees.

Minimum Scope and Limit of Insurance. Coverage shall be at least as broad as:

A. Commercial General Liability (CGL): Insurance Services Office Form CG 00 01 covering CGL on an "occurrence" basis, including products and completed operations, property damage, bodily injury and personal & advertising injury with limits no less than $1,000,000 per occurrence. If a general aggregate limit applies, either the general aggregate limit shall apply

separately to this project/location or the general aggregate limit shall be twice the required occurrence limit.

B. Automobile Liability: Insurance Services Office Form Number CA 0001 covering, Code 1 (any auto), or if Auditor has no owned autos, Code 8 (hired) and 9 (non-owned), with limit no less than $1,000,000 per accident for bodily injury and property damage.

C. Workers' Compensation insurance as required by the State of California, with Statutory Limits, and Employer's Liability Insurance with limit of no less than $1,000,000 per accident for bodily injury or disease. *(Not required if Auditor provides written verification it has no employees)*

D. Professional Liability (Errors and Omissions) Insurance appropriates to the Auditor's profession, with limit no less than $1,000,000 per occurrence or claim, $2,000,000 aggregate.

If the Auditor maintains higher limits than the minimums shown above, the District requires and shall be entitled to coverage for the higher limits maintained by the Auditor. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the District.

Other Insurance Provisions. The insurance policies are to contain, or be endorsed to contain, the following provisions:

A. Additional Insured Status: The District, its officers, officials, employees, and volunteers are to be covered as additional insureds on the CGL policy with respect to liability arising out of work or operations performed by or on behalf of the Auditor including materials, parts, or equipment furnished in connection with such work or operations. General liability coverage can be provided in the form of an endorsement to the Auditor's insurance (at least as broad as ISO Form CG 20 10 11 85 or both CG 20 10 and CG 20 37 forms if later revisions used).

B. Primary Coverage: For any claims related to this contract, the Auditor's insurance coverage shall be primary insurance as respects the District, its officers, officials, employees, and volunteers. Any insurance or self-insurance maintained by the District, its officers, officials, employees, or volunteers shall be excess of the Auditor's insurance and shall not contribute with it.

C. Notice of Cancellation: Each insurance policy required above shall state that coverage shall not be canceled, except with notice to the District.

D. Waiver of Subrogation: Auditor hereby grants to District a waiver of any right to subrogation which any insurer of said Auditor may acquire against the District by virtue of the payment of any loss under such insurance. Auditor agrees to obtain any endorsement that may be necessary to affect this waiver of subrogation, but this provision applies regardless of whether or not the District has received a waiver of subrogation endorsement from the insurer.

E. Deductibles and Self-Insured Retentions: Any deductibles or self-insured retentions must be declared to and approved by the District. The District may require the Auditor to provide proof of ability to pay losses and related investigations, claim administration, and defense expenses within the retention.

F. Acceptability of Insurers: Insurance is to be placed with insurers with a current A.M. Best's rating of no less than A:VII, unless otherwise acceptable to the District.

G. Claims Made Policies: If any of the required policies provide coverage on a claims-made basis:

i. The Retroactive Date must be shown and must be before the date of the contract or the beginning of contract work.

ii. Insurance must be maintained and evidence of insurance must be provided *for at least five (5) years after completion of the contract of work.*

iii. If coverage is canceled or non-renewed, and not *replaced with another claims-made policy form with a Retroactive Dat*e prior to the contract effective date, the Auditor must purchase "extended reporting" coverage for a minimum of *five (5)* years after completion of contract work.

H. Verification of Coverage: Auditor shall furnish the District with original certificates and amendatory endorsements or copies of the applicable policy language effecting coverage required by this clause. All certificates and endorsements are to be received and approved by the District before work commences. However, failure to obtain the required documents prior to the work beginning shall not waive the Auditor's obligation to provide them. The District reserves the right to require complete, certified copies of all required insurance policies, including endorsements required by these specifications, at any time.

I. Subcontractors: Auditor shall require and verify that all subcontractors maintain insurance meeting all the requirements stated herein, and Contractor shall ensure that District is an additional insured on insurance required from subcontractors.

J. Special Risks or Circumstances: District reserves the right to modify these requirements, including limits, based on the nature of the risk, prior experience, insurer, coverage, or other special circumstances.

13. INDEMNIFICATION. Auditor shall hold harmless, indemnify and defend District, its governing Board of Directors, other boards, commissions, committees, officers, officials, employees, volunteers, and agents (collectively, "Indemnities") from and against all claims for liability, losses, damages, expenses, costs (including, without limitation, costs and fees of litigation) of every nature, kind and description, which may be brought against or suffered or sustained by Indemnities, to the

extent caused in whole or in part by the negligence, intentional tortuous acts or omissions, or willful misconduct of Auditor, its officers, employees or agents, in the performance of any services or work pursuant to this Agreement or any Task Order issued hereunder. Auditor's duty to indemnify and save harmless shall include the duty to defend as set forth in California Civil Code Section 2778; provided, that nothing herein contained shall be construed to require Auditor to indemnify Indemnities against any responsibility or liability in contravention of California Civil Code Section 2782.

A. In the event Auditor provides a defense pursuant to this Paragraph and such action or other claim is resolved by a final judicial determination, which includes a finding that there was no negligence on the part of Auditor, its officers, employees or agents, District shall refund to Auditor all defense costs, judgments and/or amounts paid by Auditor on behalf of Indemnities.

B. In the event Auditor provides a defense pursuant to this Paragraph and such action or other claim is resolved by a final judicial determination which includes a finding as to the respective negligence of Auditor, its officers, employees or agents and any Indemnities(s), then District shall be responsible to pay that portion of the judgment attributed to Indemnities(s), and shall refund to Auditor a pro rata share of any defense costs expended on behalf of Indemnities.

C. In the event Auditor provides a defense pursuant to this Paragraph and such action or other claim is finally resolved by any other means than those stated in Paragraphs 13(A) and 13(B), or in the event Auditor fails to provide a defense to Indemnities, Auditor and District shall meet and confer in an attempt to reach a mutual agreement regarding the apportionment of costs (including attorneys' fees), judgments and/or amounts paid by Auditor and/or Indemnities. In the event Auditor and District are unable to reach agreement regarding such an apportionment, said dispute shall be submitted to arbitration in accordance with the Construction Industry Arbitration Rules of the American Arbitration Association in effect on the date a demand for arbitration is submitted. The arbitration panel shall award the prevailing party its costs (including attorneys' fees) incurred in the arbitration

14. COVENANT AGAINST CONTINGENCY FEES. Auditor hereby warrants that Auditor has not employed or retained any company or person, other than a *bona fide* employee working for Auditor, to solicit or secure this Agreement, and Auditor has not paid or agreed to pay any company or person, other than a *bona fide* employee, any fee, commission, percentage, brokerage fees, gifts or any other consideration, contingent upon or resulting from the award or formation of this Agreement. For breach or violation of this warranty, District shall have the right to annul this Agreement without liability or at District's discretion, to deduct from the Agreement price or consideration or otherwise recover, the full amount of such fee, commission, percentage, brokerage fees, gifts or contingent fee.

15. PARAGRAPH HEADINGS. Paragraph headings as used herein are for convenience only and shall not be deemed to be a part of any such paragraph and shall not be construed to change the meaning thereof.

16. WAIVER. A waiver by either District or Auditor of any breach of this Agreement shall not be binding upon the waiving party unless such waiver is in writing. In the event of a written waiver, such a waiver shall not affect the waiving party's rights with respect to any other or further breach.

17. SURVIVABILITY. The invalidity, illegality, or unenforceability of any provision of this Agreement, or the occurrence of any event rendering any portion or provision of this Agreement void, shall in no way affect the validity or enforceability of any other portion or provision of this Agreement. Any void provision shall be deemed severed from this Agreement and the balance of this Agreement shall be construed and enforced as if this Agreement did not contain the particular portion or provision held to be void.

18. INTEGRATION AND MODIFICATION. This Agreement, together with the Compensation Schedule setting forth Auditor's rates and charges, attached hereto as Exhibit "C," is adopted by District and Auditor as a complete and exclusive statement of the terms of this Agreement between District and Auditor. This Agreement supersedes all prior agreements, contracts, proposals, representations, negotiations, letters, or other communications between the District and Auditor, whether written or oral

19. AMENDMENTS. This Agreement may be amended or supplemented by the parties by written agreement approved and executed in the same manner as this Agreement.

20. SUCCESSORS AND ASSIGNS. This agreement shall be binding upon the respective successors, executors, administrators, assigns, and legal representatives to the parties.

21. GOVERNING LAW. This Agreement shall be governed by, and construed in accordance with, the laws of the State of California.

22. NOTICES. All notices to be given hereunder shall be written, and shall be sent by certified or registered mail, postage prepaid, addressed as follows:

To District:
General Manager
Dublin San Ramon Services District
7051 Dublin Boulevard
Dublin, CA 94568

To Auditor:
Ahmed Badawi
Badawi & Associates
180 Grand Avenue, Suite 1500
Oakland, CA 94612

IN WITNESS WHEREOF, the parties hereto have executed this Agreement the date and year first written.

Exhibit A

DUBLIN SAN RAMON SERVICES DISTRICT,
a public agency

By _____
Bert L. Michalczyk, General Manager

Attest:

_____
Nancy G. Hatfield, District Secretary

Audit Firm Badawi & Associates

_____
Ahmed Badawi, CPA

Dublin San Ramon Services District
Water, wastewater, recycled water

7051 Dublin Blvd.
Dublin, CA 94568
(925) 828-0515
www.dsrsd.com

REQUEST for PROPOSALS for

Professional Auditing Services

February 4, 2015

***Proposals due at 5:00 p.m. on Monday, March 16, 2015 ***

DUBLIN SAN RAMON SERVICES DISTRICT

I. INTRODUCTION

A. General Information

Dublin San Ramon Services District (the District) is requesting proposals from qualified certified public accounting firms to audit its financial statements for the fiscal year ending June 30, 2015, with the option of auditing its financial statements for each of four (4) subsequent years as further discussed below. These audits are to be performed in accordance with generally accepted auditing standards and the standards set for financial audits contained in *Governmental Auditing Standards (1994)* issued by the Comptroller General of the United States, the provisions of the Federal Single Audit Act as amended in 1996, and U.S. Office of Management and Budget (OMB) Circular A-133 *Audits of States, Local Governments, and Non-Profit Organizations.*

There is no expressed or implied obligation for the District to reimburse responding firms for any expenses incurred in preparing proposals in response to this request. Materials submitted by respondents are subject to public inspection under the California Public Records Act (Government Code Sec. 6250 et seq.), unless exempt. Any language purporting to render the entire proposal confidential or proprietary will be ineffective and will be disregarded.

All property rights, including publication rights of all reports produced by proposer in connection with services performed under this agreement shall be vested in the District. The proposer shall not publish or release any of the results of it examination without the expressed written permission of the District.

During the evaluation process the Auditor Selection Committee reserves the right - where it may service the District's best interests - to request additional information or clarifications from the proposers. At the discretion of the District, firms submitting proposals may be requested to make oral presentations as part of the evaluation process.

The District reserves the right to retain all proposals submitted and to use any ideas in a proposal regardless of whether the proposal was selected. Submission of a proposal indicates acceptance by the firm of the conditions contained in this request for proposals, unless clearly and specifically noted in the proposal submitted and confirmed in the contract between the District and the firm selected.

It is anticipated the selection of a firm will be completed by April 10, 2015. Following the notification of the selected firm it is expected a contract will be executed between both parties in April 2015. The District reserves the right to reject any or all proposals, to waive any non-material irregularities or information in any proposal, and to accept or reject any items or combination of items.

B. Term of Engagement

It is the intent of the District to contract for the auditing services presented herein for a term of one (1) year. The District reserves the right to extend the term of this contract for four (4) additional one-year terms subject to the annual review and recommendation of the Administrative Services Manager.

DUBLIN SAN RAMON SERVICES DISTRICT

II. NATURE OF SERVICES REQUIRED

A. Scope of the Work to be Performed

The District's goal is to provide our customers with a financial statement that gives complete, accurate and understandable information about the District's financial condition. The selected independent auditor will be required to perform the following tasks:

1. Audit the Basic Financial Statements of the District in conformity with generally accepted auditing standards and issue an opinion thereon. Print and bind fifteen (15) copies of the financial statements including supplementary information. Provide one unbound copy of the financial statements including supplementary information. Provide a final electronic copy of the financial statements (without supplementary information) for use in the District's Comprehensive Annual Financial Report (CAFR).

2. Prepare the cash flow statements and provide guidance and technical assistance in completing the Management's Discussion and Analysis (MD&A), financial statements and required note disclosure.

3. Communicate in a letter to the General Manager and Administrative Services Manager any reportable conditions found during the audit. A reportable condition shall be defined as a significant deficiency in the design or operation of the internal control structure, which could adversely affect the organization's ability to record, process, summarize, and report financial data consistent with the assertions of management in the financial statements. "Non-reportable conditions" discovered by the auditor shall be communicated in the "Management Letter" addressed to the Board of the District setting forth recommendations for improvements in the District's accounting systems.

4. Provide general consultation on financial reporting matters, including implementation of GASB 67 and 68.

5. Certain agreed upon procedures and disclosures to be performed as required by the State Water Resources Control Board to satisfy regulations for the financial assurance mechanism covering estimated remediation costs of the Dedicated Land Disposal (DLD) site. This work to consist of agreeing data from the annual financial statements to reports filed by the District with the State. Work will also include the preparation of a report on the work and any exceptions noted. This financial mechanism requires the District to record a liability for the estimated future remediation costs and include a footnote.

6. Immediately notify, in writing, the General Manager and the Administrative Services Manager of all irregularities and illegal acts or indications of illegal acts of which the auditor becomes aware.

B. Auditing Standards to be Followed

To meet the requirements of this request for proposal, the audit shall be performed in accordance with generally accepted auditing standards as set forth by the American Institute of Certified Public Accountants and any other current standards applicable to a California Community Services District.

C. Working Paper Retention and Access to Working Papers

All work papers and reports must be retained, at the auditor's expense, for the minimum of five years (or the retention timeframe established by the professional standards, whichever is longer) unless the firm is notified in writing by the District of the need to extend the retention period. The work papers are subject to review by federal and state agencies and other individuals designated by the District. Accordingly, the work papers shall be made available upon request.

In addition, the firm shall respond to the reasonable inquiries of successor auditors and allow successor auditors to review work papers.

D. Journal Entries

All adjusting journal entries made by the independent auditors must be discussed and explained to the designated Accounting Division personnel prior to recording. They should be in a format that shows the lowest level of posting detail needed for data entry in the general ledger systems.

III. DESCRIPTION OF THE DISTRICT

A. Name and Telephone Number of Contact Person

Any questions regarding this proposal or additional information required by the respondents should be directed to Karen Vaden at (925) 875-2276 or in writing to vaden@dsrsd.com.

Mailing address is DSRSD, Attn: Karen Vaden, 7051 Dublin Blvd., Dublin, CA 94568.

B. Background Information

Dublin San Ramon Services District is a water and wastewater utility organized under the Community Services District Act provision of the general laws of the State of California. The District's jurisdiction is approximately 26 square miles and serves a population of approximately 159,000 customers in the cities of Dublin, San Ramon and Pleasanton. The special services district was founded in 1953 and provides water and recycled water to the City of Dublin and Dougherty Valley; wastewater collection and treatment services to the City of Dublin and southern San Ramon; and by contract sewage treatment for the City of Pleasanton. Sewage services consist of wastewater collection, treatment and disposal to San Francisco Bay. The District owns, operates and maintains the Regional Wastewater Treatment Facility in Pleasanton and a wastewater collection system.

The District has a five-member Board of Directors and a General Manager. The members of the Board are elected at-large and serve staggered four-year terms.

The District's fiscal year begins on July 1st and ends on June 30th. The District's total operating budget for fiscal year 2014/2015 is $55 million. The District participates in two joint powers authorities (JPA): Livermore-Amador Valley Water Management Agency (LAVWMA) and the Dublin San Ramon Services District-East Bay Municipal Utility District Recycled Water Authority (DERWA). The JPAs are stand-alone agencies and are audited separately from the District. More detailed information on the District and its finances can be found in the Adopted Budgets and District's CAFR, at our website, www.dsrsd.com under Open Gov - Library.

C. Basis of Accounting and Fund Structure

The District accounts for its water and wastewater operations as an enterprise operation using the full accrual basis of accounting. To facilitate management information needs relating to rate setting, insurance reserves, infrastructure expansion and replacement, and general administration expense tracking, operations are accounted for in a variety of separate funds including Allocated Overhead, Regional Sewer Fund, Local Sewer Fund and Water Fund.

For financial reporting purposes, the District reports two enterprises, water and wastewater. Supplemental statements are provided in the audit report for the fifteen funds the District uses for internal reporting purposes. These statements are excluded in the District's CAFR.

D. Computer System

The District's computerized systems are run on a Wide Area Network (WAN). The District uses Eden Systems InForum Gold software for all of its financial management, including Human Resources and Utility Billing.

The District has a Green Business Policy to reduce use of paper. As part of this policy most documents (invoices, quotes, contracts, etc.) are scanned and attached within the financial software for review. The District is currently in the process of upgrading its Electronic Content Management System software.

E. Availability of Prior Reports and Work Papers

Maze & Associates in Pleasant Hill, California conducted the District's most recent audit. The work papers of the previous audits are the property of the previous auditor and can be reviewed by the successful proposer.

IV. TIME REQUIREMENTS

A. Proposal Calendar

The following is a list of key dates up to, and including, the date proposals are to be submitted:

Date	Activity
February 4, 2015	Request for Proposal issued
March 16, 2015	Due date for technical and cost proposals (due by 5:00 p.m.)
TBD	Oral Interviews (conducted at District's discretion)
April 10, 2015	Selected firm notified
April 21, 2015	Board of Directors contract approval

B. Date Audit May Commence

The District will have all prior records ready for review and management personnel available to meet with the firm's personnel by June 1, 2015. The District anticipates that the selected firm will perform preliminary audit work and internal control review prior to June 30, 2015. Accounting records will be ready for final audit by September 14, 2015. Changes in time requirements for commencement of work to completion of final reports must be approved by the District in advance.

C. Date Report is Due

The final reports are due by November 2, 2015. The due date for subsequent years will also be in November to allow staff sufficient time to prepare and submit the CAFR to the Government Finance Officers Association for review in their Certificate of Achievement for Excellence in Financial Reporting program. It is anticipated that the auditor will not be required to provide special assistance to the District to meet the requirements of the program.

V. ASSISTANCE TO BE PROVIDED TO THE AUDITOR AND REPORT PREPARATION

A. Accounting Division

The Accounting division staff and responsible management personnel will be available during the audit to assist the firm by providing information, documentation, and explanations. Karen Vaden, Accountant II, will be responsible for acting as the liaison between the audit firm and the accounting personnel. Consideration must be given to the on-going tasks of the Accounting division.

B. Work Area, Telephone, Photocopying, and Fax Machine

The District will provide the auditor with a reasonable workspace, access to telephone lines, Wi-Fi, printer and photocopying/scanning/fax machine.

C. Report Preparation

District personnel are currently responsible for compiling the financial statements, draft of recurring footnotes, MD&A, and supplemental information and electronically providing this information to the auditor. The auditor is responsible for preparing the cash flow statements, the final check of the number presentation and printing the final reports.

The District is open to discussions regarding the division of these activities in order to produce the most cost-effective product for both the District and the auditor.

VI. PROPOSAL REQUIREMENTS

A. General Requirements

1. Inquiries concerning the request for proposals and the subject of the request for proposals may be made to Karen Vaden. Contact Karen Vaden at the e-mail address or telephone number listed above in section III (A).

2. Submission of Technical Proposal. An original and three (3) copies of the Technical Proposal shall be received **by 5:00 p.m. on Monday, March 16, 2015** for a proposal to be considered. The requirements of the technical proposal are described below.

3. Submission of Cost Proposal. An original and three (3) copies of the Cost Proposal shall be received **by 5:00 p.m. on Monday, March 16, 2015 under separate cover in a sealed envelope** to be considered. The requirements of the cost proposal are described below.

Both the Technical Proposal and the Cost Proposal should be sent to the attention of Karen Vaden at the address noted in Section III (A).

DUBLIN SAN RAMON SERVICES DISTRICT

B. Format for Technical Proposal

The format of the Technical Proposal shall be as follows:

1. *Title Page*
   Show the RFP subject, name of the audit firm, local address, telephone number, name and title of contact person, and date of submission.

2. *Table of Contents*
   Include a clear and complete identification of the materials submitted by section and page number. Cross-referencing to section and page number in the RFP would be helpful.

3. *Transmittal Letter*
   General introduction and briefly stating the proposer's understanding of the audit services to be performed; a positive commitment to perform the service within the time period specified; the name(s) of the person(s) authorized to represent the proposer, title, address, and telephone number.

4. *Detailed Proposal*
   The detailed proposal should follow the format set out in Section C and D below.

C. Contents of Technical Proposal

The purpose of the Technical Proposal is to demonstrate the qualifications, competence and capacity of the firms seeking to undertake an independent audit of the District in conformity with the requirements of this Request for Proposal. As such, the substance of proposals will carry more weight than their form or manner of presentation. The Technical Proposal should demonstrate the qualifications of the firm and of the particular staff to be assigned to this engagement. It should also specify an audit approach that will meet the Request for Proposal requirements.

THERE SHOULD BE NO DOLLAR UNITS OR TOTAL COSTS INCLUDED IN THE TECHNICAL PROPOSAL DOCUMENT.

The Technical Proposal should address all the points outlined in the RFP (excluding any cost information which should only be included in the sealed dollar cost bid). The proposal should be prepared simply and economically, providing a straightforward, concise description of the proposer's capabilities to satisfy the requirements of the request for proposal. While additional data may be presented, the areas detailed below must be included. They represent the criteria against which the proposal will be evaluated.

1. *License to Practice in California.*

An affirmative statement should be included that the firm and all assigned key professional staff are properly licensed to practice in California.

2. *Independence*

The firm should provide an affirmative statement that it is independent of the District as defined by generally accepted auditing standards/the U.S. General Accounting Office's *Government Auditing Standards*.

3. Insurance

Attached to the RFP is a draft copy of the District's Agreement for Professional Services (Agreement) that contains the insurance requirements*.* The selected firm will maintain the minimum insurance requirements during the entire term of their engagement. To confirm this requirement, within 15 days from the execution of the Agreement, the selected firm shall furnish the District satisfactory evidence of the insurance requirement and evidence that each carrier is required to give at least 30 days prior written notice of the cancellation of any policy during the effective period of the Agreement. The District shall be named as an additional named insured under the selected firm's policies as noted in the Agreement.

4. Firm Qualifications and Experience

To qualify the firm must have extensive experience in audits of local governments including special districts. The proposer should state the size of the firm, the size of the firm's governmental audit staff, the location of the office from which the work on this engagement is to be performed, the number and nature of the professional staff to be employed in this engagement on a full-time basis and the number and nature of the staff to be so employed on a part-time basis.

If the proposer is a joint venture or consortium, the qualifications of each firm comprising the joint venture or consortium should be separately identified and the firm that is to serve as the principal auditor should be noted, if applicable.

If the proposer will be subcontracting any portion of the audit to another individual or firm, the proposal must include a list of all subcontractors to be used. No substitutions of subcontractors may be made without prior written consent of the District.

a) The proposer is also required to submit a copy of the report on its most recent external quality control (peer) review, with a statement whether that quality control review included a review of specific government engagements (required by *Government Audit Standards (1994)*).

   The proposer shall also provide information on the results of any federal or state desk reviews or field reviews of its audits during the past three (3) years. In addition, the proposer shall provide information on the circumstances and status of any disciplinary action taken or pending against the firm during the past three (3) years with state regulatory bodies or professional organizations.

5. Partner, Supervisory and Staff Qualifications and Experience

a) Identify the principal supervisory and management staff, including engagement partners, managers, and other supervisors and specialists, who would be assigned to the engagement and indicate whether each such person is licensed to practice as a certified public accountant in California. Also, provide information on the government auditing experience of each person, including information on relevant continuing professional education for the past three (3) years and membership in professional organizations relevant to the performance of this audit.

b) Provide as much information as possible regarding the number, qualifications, experience and training, including relevant continuing professional education, of the specific staff to be assigned to this engagement. **Indicate how the quality of staff will be assured over the term of the agreement.**

c) Principal supervisory and management staff, including engagement partners, managers, other supervisors and specialists may be changed during the course of the agreement, however, the District reserves the right to approve or reject replacements. Other audit personnel may be changed at the discretion of the proposer provided that replacements have substantially the same or better qualifications or experience.

6. *Similar Engagements with Other Government Entities*

For the firm's office that will be assigned responsibility for the audit, list the most significant engagements (maximum 3) performed in the last three years that are similar to the engagement described in this request for proposal. These engagements should be ranked on the basis of total staff hours. Indicate the scope of work, date, engagement partners, total hours, and the name and telephone number of the principal client contact. Also please indicate whether the audit was part of a Comprehensive Annual Financial Report.

Please provide a list of not less than three client references for which services similar to those outlined in this RFP are currently being provided. For each reference listed provide the name of the organization, approximate gross cost of the contract, dates for which the service(s) are being provided, type of service(s) being provided and the name, address and telephone number of the responsible person within the reference's organization. The District reserves the right to contact any or all of the listed references regarding the audit services performed by the proposer.

7. Specific Audit Approach

The proposal should set forth a work plan, including an explanation of the audit methodology to be followed to perform the services required in Section II of this request for proposal. In developing the work plan, reference should be made to such sources of information as District's budget and related materials, organizational charts, manuals and programs, and financial and other management information systems.

Proposers will be required to provide the following information on their audit approach:

a) Proposed segmentation of the engagement:
   i) What will be accomplished during interim and at year end?
   ii) What other contact can the District expect during the year related to the audit engagement?
b) Expectations of District staff:
   i) What documents and working papers are expected to be provided by District staff during interim and year end work? (Please provide sample of "provided by client" checklist for audit field work).
   ii) To what extent is the audit paperless? (i.e. documents and working papers shared electronically)
c) Level of staff and number of hours to be assigned to each segment:
   i) What is the anticipated length of field work for interim and year end work?
   ii) What is the standard turnaround time from end of fieldwork, to senior level review, to final draft, to partner review, to audit report issuance?
d) Type and extent of analytical procedures to be used in the engagement;
e) Approach to be taken in determining laws and regulations that will be subject to audit test work;
f) Approach to be taken to gain and document an understanding of the District's internal control structure; and

g) Approach to be taken in drawing audit samples for purposes of tests of compliance.

8. Identification of Anticipated Potential Audit Problems

The proposer should identify and describe any anticipated potential audit problems, the firm's approach to resolving these problems, and any special assistance that will be requested from the District.

9. Report Format

The proposer should include sample formats for required reports (excluding financial statements).

NO DOLLAR AMOUNTS SHOULD BE INCLUDED IN THE TECHNICAL PROPOSAL

D. Contents of Cost Proposal

1. Total All-Inclusive Maximum Price

The sealed dollar cost bid should contain all pricing information relative to performing the audit engagement as described in the request for proposal. The total all-inclusive maximum price to be bid is to contain all direct and indirect costs including all out-of-pocket expenses.

The District will not be responsible for expenses incurred in preparing and submitting the technical proposal or the sealed dollar cost bid. Such costs should not be included in the proposal.

The first page of the sealed dollar cost bid should include the following information: (a) name of firm; (b) certification that the person signing the proposal is authorized to represent the firm, empowered to submit the bid, and authorized to sign a contract with the District; and (c) a total all-inclusive maximum price for the first year of the engagement plus the optional four (4) additional years (5-year total proposal).

2. *Rates by Partner, Supervisory and Staff*

The cost proposal should include detailed information regarding the estimated number of hours to be dedicated to the District's engagement, delineated by staffing level and billing rate and including all additional expenses to support the total all-inclusive maximum price. Billing rates listed in these schedules will be used if any additional work is requested outside the scope of this proposal. A cost proposal should be presented for each of the years (FY14/15, FY15/16, FY16/17, FY17/18, FY18/19).

3. Manner of Payment

Progress payments will be made on the basis of actual audit work completed during the course of the engagement and out-of-pocket expenses incurred in accordance with the firm's proposal. Detail of staff hours with billing rates will be required to be included on each invoice. Payment will be made based upon actual costs not to exceed the maximum outlined in the proposal.

DUBLIN SAN RAMON SERVICES DISTRICT

VII. EVALUATION PROCEDURES

A. Selection Committee

Proposals submitted will be evaluated by:

John Archer, Administrative Services Manager
Karen Vaden, Accountant II
Herman Chen, Financial Analyst

B. Evaluation Methodology

The Selection committee will use a point formula during the review process to score proposals. Each member of the Selection Committee will first score each technical proposal by each of the criteria described in Section C below. The full Selection Committee will then convene to review and discuss their evaluations and to combine the individual scores to arrive at a composite technical score for each firm. At this point, firms with an unacceptably low technical score will be eliminated from further consideration.

C. Evaluation Criteria

Proposals will be evaluated using three sets of criteria. Firms meeting the mandatory criteria will have their proposal evaluated and scored for both technical qualifications and price. The following represent the principal selection criteria that will be considered during the evaluation process.

1. Mandatory Elements

a. The audit firm is independent and licensed to practice in California
b. The firm has no conflict of interest with the District
c. The firm follows the instructions set forth in the RFP
d. The firm submits a copy of its last external quality (peer) review report and the firm has a record of quality audit work.

2. Technical Quality

	Point Range
a. Responsiveness of the proposal in clearly stating and understanding of the work to be performed.	0 - 15
b. Technical experience of the firm and references responses.	0 - 35
c. Qualification of staff. Education, including continuing education courses taken during the past three years, position in the firm and years of experience will be considered. (Please include staff resumes).	0 - 35
d. Size and structure of firm and other considerations	0 - 15
TOTAL MAXIMUM POINTS	**100**

D. Selection of Firm

The District will select a firm based upon the recommendation of the Auditor Selection Committee. It is anticipated that a firm will be selected by April 10, 2015. Following notification of the firm selected, it is expected a contract will be executed between both parties following the Board meeting of April 21, 2015.

VIII. ADDITIONAL INFORMATION

1. The past 5 years of Comprehensive Annual Financial Reports and past 4 years Operating Budgets are available on the District's web site www.dsrsd.com under Open Gov - Library.
2. Sample contract (including necessary insurance coverage)

Dublin San Ramon Services District

TECHNICAL PROPOSAL

For Professional Auditing Services for the Dublin San Ramon Services District

For the fiscal years ending June 30, 2015 with the option of extending the contract for four subsequent fiscal years

March 16, 2015

Contact Person:

Ahmed Badawi, CPA
Badawi & Associates
Certified Public Accountants
180 Grand Avenue, Suite 1500
Oakland, CA 94612
Phone: (510) 768-8244
Fax: (510) 768-8249
E-mail: abadawi@b-acpa.com

BADAWI & ASSOCIATES
CERTIFIED PUBLIC ACCOUNTANTS

Dublin San Ramon Services District

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BADAWI & ASSOCIATES
CERTIFIED PUBLIC ACCOUNTANTS

March 16, 2015

Mr. John Archer
Administrative Services Manager
Dublin San Ramon Services District
7051 Dublin Blvd.
Dublin, CA 94568

Dear Mr. Archer

Badawi & Associates (B&A), Certified Public Accountants (the "Firm") is pleased to have the opportunity to respond to your request for a proposal to provide external audit services and to submit its qualifications to perform an independent audit of the financial statements of the Dublin San Ramon Services District (the "District") for the fiscal year ending June 30, 2015 with the option to extend the contract for four subsequent fiscal years. The objective of our audits is to issue opinions regarding the fairness of presentation of the financial position of the District in accordance with generally accepted accounting principles. These audits are to be performed in accordance with generally accepted auditing standards, the standards set forth for financial audits in the General Accounting Office's (GAO) *Government Auditing Standards*, the provisions of the federal Single Audit Act of 1984, as amended in 1996), and U.S. Office of Management and Budget (OMB) Circular A-133, *Audits of States, Local Governments and Non-Profit Organizations* as well as any other applicable federal, state, local or programmatic audit requirements.

We will also perform the Single Audit (if required), audit of the Livermore Amador Valley Water Management Agency, perform the agreed-upon procedures required by the State Water Resources Control Board, perform the agreed-upon procedures on the GANN Limit, and apply limited audit procedures to Management's Discussion and Analysis (MD&A) and required supplementary information. In addition, we will prepare the management letter containing comments and recommendations regarding our review and evaluation of the systems of internal control and accounting procedures.

This proposal will highlight the background of the partners and staff assigned to the engagement, summarize our experience in the governmental area, and describe our approach to auditing the District.

This proposal demonstrates our ability to render the quality examination and to perform the necessary accounting and auditing services requested by the District on a timely basis.

As a partner of the Firm, I will be the primary contact for negotiation of the contract. Additionally, I have been authorized to legally bind the Firm. You may contact me at the following address and phone number:

Mr. Ahmed Badawi, CPA
Badawi & Associates
Certified Public Accountants
180 Grand Ave. Suite 1500
Oakland, CA 94612
Telephone: (510)768-8244
E-mail: abadawi@b-acpa.com

We are committed to performing the required work, completing the audit, and issuing the necessary auditors' reports prior to the District's published time frames and commit to you that we will perform the work within the time frames required.

We believe we are the best qualified to perform the audit because our audit staff includes individuals well versed in municipal auditing and reporting requirements. We have performed auditing and consulting engagements for numerous municipalities throughout California. We will be responsive to the needs of the District, we understand the District's operational environment, and pledge to you our complete commitment to providing a quality product that meets the District's requirements.

The approach to the audit has been designed to meet the audit requirements of the various authorities with the least disruption to the District's office operations. The foundation of the audit approach is based on communication coupled with a strong knowledge of District operations and detailed planning at the initial stages of the audit. Open communication lines with all parties of the Engagement Team and District Management and staff throughout the engagement eliminate "surprises". Initial planning and proper assignment of duties to experienced personnel provide for an effective and efficient audit process. Consequently, inefficiencies and disruptions are kept to a minimum. In addition, we perform almost half of the audit tasks during the interim phase to minimize any unforeseen delays during the year-end phase and to ensure a smooth and timely audit process.

The Firm maintains liability insurance coverage of not less than $1,000,000 each for professional liability, Workers' Compensation, Comprehensive General Liability and Auto as part of our comprehensive insurance policy.

The Firm is an Equal Opportunity employer and complies with all Federal and State hiring requirements. The Firm also supports Affirmative Action philosophies and works hard to provide disadvantaged groups with opportunities for self enhancement.

This proposal is a firm and irrevocable offer for 90 days.

We are confident that you will find our organization offers the required expertise, technical knowledge, and business understanding to perform an audit of the District. Our past experience provides us with a thorough understanding of the needs and requirements of the District, as well as the technical knowledge to perform such services in accordance with the accounting and auditing guidelines as published by the various authoritative entities.

We welcome your inquiries and look forward to further discussions with you.

Sincerely,



Ahmed Badawi
Partner
Badawi & Associates
Certified Public Accountants

Independence

Independence

The Firm is independent of the Dublin San Ramon Services District as defined by the GAO's *Standards for Audit of Governmental Organizations, Programs, Activities and Functions*, and the AICPA and California State Society of Certified Public Accountants as promulgated in various auditing and professional standards for the Authority.

Insurance

The Firm maintains professional liability insurance and other coverage as part of our comprehensive insurance policy. Upon selection as District's independent auditor, the Firm and our insurance provider will provide a certificate of insurance to District which shows the minimum requirements identified by District have been met.

License to Practice in California

The Firm and all key professional staff assigned to District's audit are properly licensed to practice as Certified Public Accountants in the State of California and comply with GAO *Government Auditing Standards*.

The Firm is registered with the California State Board of Accountancy. Its State number is COR6823.

The Firm has met all required State and local laws, rules, and regulations.

Firm Qualifications and Experience

Firm Qualifications

Badawi & Associates was founded by Mr. Ahmed Badawi. Mr. Badawi has over 18 years of experience working with state and local government with a special focus on cities. Prior to founding B&A, Mr. Badawi was a partner with several local and national firms, where he headed their government practice in Northern California. Mr. Badawi founded Badawi & Associates to serve the fast-paced needs of California's local governments. The goal is to build a proactive, client-focused culture from the ground up and to eliminate the entrenched bureaucratic culture and intrinsic limitations of the big audit firms.

Located in Oakland, CA, the Firm serves a variety of cities throughout California as well as conducting financial related services for numerous special districts and authorities. Names and phone numbers of several of our current and past clients and other references are provided for your inquiries. We encourage you to contact these individuals to obtain information on the quality of the audit and the ability of the audit staff.

Our Oakland office will be the Engagement Office assigned to the District.

In addition to specific District financial statements, the Firm members have also audited numerous redevelopment agencies, public financing authorities, hospitals, housing authorities, transportation authorities, special districts, water districts, OCJP grants, self-insurance pools, joint power authorities and has also performed numerous compliance audits in accordance with the Single Audit Act, childcare regulations, TOT regulations, AQMD regulations, franchise requirements, RDA compliance, and other special projects. Additionally, the Firm has significant experience in bond offerings, post closure landfill costs, and recent changes to redevelopment agency reporting requirements.

The Engagement Partner assigned to the District, Mr. Ahmed Badawi. Mr. Badawi has over 17 years of government audit experience. He is a member of various governmental committees, has actively participated in the development of accounting and audit guidelines for the governmental sector, and is an instructor for the California Society of Municipal Finance Officers.

The professional staffs assigned to the Engagement are qualified and experienced. Each individual of the Engagement Team has several years of experience and has conducted or participated in numerous municipal audits of various sizes. Their understanding of governmental operations and the various authoritative guidelines will provide the where-with-all to perform the audit in an efficient and effective manner with minimal disruption to the District's finance department.

Technical Approach

The approach to the audit has been designed to meet the audit requirements of the various authorities with the least disruption to the District's operations. The foundation of the audit approach is based on communication coupled with a strong knowledge of District operations and detailed planning at the initial stages of the audit. Open communication lines with all parties of the Engagement Team and District Management and staff throughout the engagement eliminate "surprises". Initial planning and proper assignment of duties to experienced personnel provide for an effective and efficient audit process. Consequently, inefficiencies, disruptions, and lack of understanding are kept to a minimum.

The audit approach will consist of four phases:

Initial Planning Meeting:

The Engagement Partner and Manager will meet with District Management to discuss the audit approach, identify specific needs of District Management, and familiarize themselves with District policies and practices.

Interim:

The Engagement Team members including the Engagement Team Partner will perform the internal control reviews, test transactions, evaluate compliance with Single Audit Act requirements, identify potential audit issues that need to be addressed, perform limited confirmation procedures, and develop a clear understanding between the Engagement Team and District Management of the year end audit responsibilities and assignments. **In addition, we strive to complete many of the year-end audit tasks during the interim phase to ensure a smoother audit process. We will work with the District on providing a list of those tasks that we will target to complete during interim and work with the District on how to complete them to minimize the amount of effort and time needed at year-end which in turn will assist the District in meeting its goal of issuing the CAFR by the desired deadline.**

Year end:

The Engagement Team members including the Engagement Team Partner will conduct validation procedures on general ledger account balances, complete confirmation procedures, perform analytical procedures on revenue and expenditures, perform search for unrecorded liabilities, complete compliance work on Federal Assistance, and wrap up audit field work.

Reporting:

Auditor's reports for all District reporting entities and compliance requirements will be finalized along with Single Audit Reports and Management Letter comments. The Partner and Manager will be available to make presentations to the Board of Directors and/or designated bodies.

Firm Experience

The Firm is located in Oakland, and provides a full range of accounting services to governmental agencies throughout California, including audit, tax and accounting. The Firm's professional staff members provide the financial background and specific experience to meet the District's operational needs. Additionally, this situation provides the District with an auditing firm that has depth in capabilities to address any financial issue the District may need assistance with, and the quality audit approach that you expect.

Our Oakland office will be the Engagement Office assigned to the District.

Firm policy requires that the Engagement Partner, during the first year of the engagement, be actively involved in the daily fieldwork. This means to the District that Mr. Badawi will actually be on-site during the audit coordinating the audit process, supervising the audit staff, gaining a hands-on understanding of District processes, and benefiting the District with his broad municipal experience. We have found that this effort benefits the District and the Firm through developing a thorough knowledge of the District's practices and issues and establishing a close working relationship with the District's Management. Additionally, continuity of audit personnel is assured because of the hands on involvement of the Partner.

We are committed to providing appropriate and related experience, personal involvement, and a broad business perspective to produce a quality end product within the time frames required.

The Firm provides financial and compliance auditing services to governmental agencies throughout California. We are a governmental agency auditing firm and our professional staff members have been performing these services for many years. As a result, we have performed financial and compliance audits on most, if not all, types of governmental agencies and operations including:

- Cities
- Counties
- Redevelopment Agencies
- Financing Authorities
- Housing Authorities
- Electrical Utilities
- Special Districts
- Water Districts
- Waste Management Authorities and Operations
- Pension Plans
- Child Care Operations
- Joint Power Authorities
- Risk Pools
- Investment Activities
- Landfills
- Enterprise Funds
- Airports
- Transportation Operations
- Federal and State Grants

Additional Activities

We offer a full range of accounting and finance services to the governmental sector. These services include:

- Financial audits
- Compliance audits
- Tax advice
- Development of financial and accounting policies and procedures
- Investment review and compliance evaluation
- Operational reviews
- Technical guidance on existing and upcoming accounting issues
- Training seminars
- Pension/profit-sharing plans
- Performance audits
- Business consulting

Consequently, Firm personnel are well qualified to perform the services expected by the District.

Client Training Seminar

The Firm hosts an annual update on recent technical accounting and finance issues affecting the governmental area. This all day session reviews new and anticipated pronouncements from GASB, discusses future issues under consideration by GASB, reviews accounting treatment of various transactions where issues may arise, and provides a general overview of state and federal compliance issues. All of our clients are invited to attend, free of charge. The one day session qualifies for CPE under the rules of the State Board of Accountancy and is held in locations throughout the Bay Area.

CSMFO Training

The Firm provides a one-day training session entitled “Introduction to Governmental Accounting” to members of CSMFO. Firm personnel developed the class materials and teach the sessions. Approximately 10 sessions are held annually at various locations throughout the State. The Firm provides these sessions for only the cost of materials to CSMFO in keeping with its philosophy to support the industry in which it serves

Quality Control Review

According to Government Auditing Standards, firms who perform audits under the Yellow Book are required to have a peer review once every three years. We received a report with a rating of pass with no deficiencies which we attached for your review.

GYL Decauwer LLP
Certified Public Accountants Business Consultants

JOHN LERIAS, CPA
STEPHEN C. WILLIAMS, CPA
JOSEPH O. ROMERO, CPA

System Review Report

BADAWI & ASSOCIATES
Oakland, California;
and the Peer Review Committee of the California Society of CPAs

We have reviewed the system of quality control for the accounting and auditing practice of Badawi & Associates (the firm) in effect for the year ended February 28, 2013. Our peer review was conducted in accordance with the Standards for Performing and Reporting on Peer Reviews established by the Peer Review Board of the American Institute of Certified Public Accountants. As part of our peer review, we considered reviews by regulatory entities, if applicable, in determining the nature and extent of our procedures. The firm is responsible for designing a system of quality control and complying with it to provide the firm with reasonable assurance of performing and reporting in conformity with applicable professional standards in all material respects. Our responsibility is to express an opinion on the design of the system of quality control and the firm's compliance therewith based on our review. The nature, objectives, scope, limitations of, and the procedures performed in a System Review are described in the standards at www.aicpa.org/prsummary.

As required by the standards, engagements selected for review included engagements performed under the *Government Auditing Standards*.

In our opinion, the system of quality control for the accounting and auditing practice of Badawi & Associates in effect for the year ended February 28, 2013, has been suitably designed and complied with to provide the firm with reasonable assurance of performing and reporting in conformity with applicable professional standards in all material respects. Firms can receive a rating of *pass, pass with deficiency(ies)* or *fail*. Badawi & Associates has received a peer review rating of *pass*.

GYL Decauwer LLP

Rancho Cucamonga, California
May 16, 2013

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your Success is our DESTINATION

CPAMERICA INTERNATIONAL

B&A have policies and procedures to ensure it hires only qualified people, that it properly supervises them and provides professional training, that it advances them to responsibilities they are capable of handling, and that it provides them with necessary technical resources. All members of B&A are very familiar with the stringent quality control standards established by the AICPA.

The Firm is a member of the AICPA Government Audit Quality Center.

The Firm is a member of the AICPA Private Companies Practice Section.

Federal or State Desk Reviews

The Firm has had no negative federal or state reviews in the past three (3) years.

Disciplinary Action

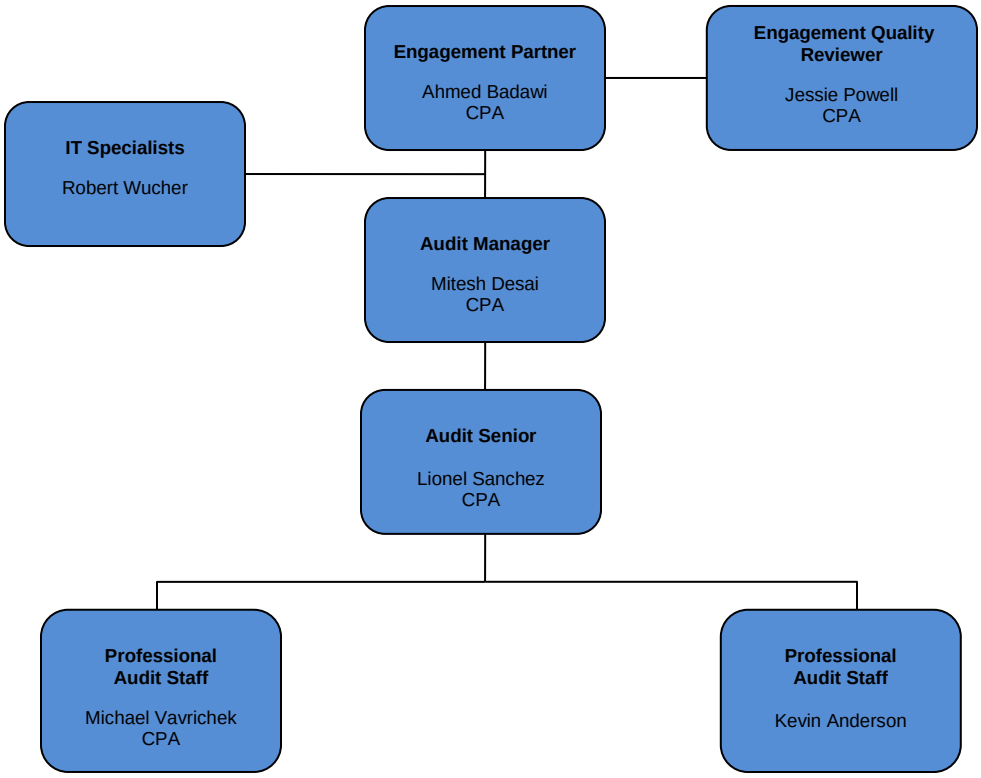
There has not been any state or federal disciplinary actions taken or pending against the Firm nor any findings to report.

Lost Clients and Pending Legislations:

The Firm has not experienced termination of any contracts before completion, and has not experienced any lawsuits or legal actions that have been resolved or are currently pending in the prior five years.

Partner, Supervisory, and Staff Qualifications and Experiences

The Engagement Team will normally consist of seven individuals who provide a broad business perspective and significant experience in governmental auditing. This team will provide access to a wide range of technical capabilities which will provide the District with not only the technical support necessary to perform the audit, but also the broad business background to interpret findings and observations to offer effective solutions to issues, and the personal involvement of the Engagement and Compliance Partners of the Firm.



The Engagement Team will be led by Ahmed Badawi, CPA. Mr. Badawi's background includes over eighteen years of municipal auditing experience with a special focus on cities and special districts. He is the instructor of the CSMFO "Introduction to Governmental Accounting" training classes. Mr. Badawi is a member of the Government Accounting and Auditing Committee, the Accounting Principles and Auditing Standards Committee and the State Technology Committee of the California Society of Certified Public Accountants. He has participated in the audits of numerous city, county and special district governments, as well as non-profit entities. His diversified background offers the technical qualities required of the governmental and non-profit areas and the necessary wherewithal to properly evaluate the entire accounting process, develop opportunities to improve the accounting process, and to offer practical business recommendations.

The second member of the Engagement Team is Mitesh Desai, CPA. Mr. Desai's background includes seven years of experience in municipal auditing with a special focus on cities and special districts. Mr. Desai has participated in the audits of numerous governmental agencies, assisted in their efforts to publish their CAFRs in compliance with GASB 34, and a volunteer member of the GFOA Special Review Committee. He will serve as the Audit Manager.

The third member of the Engagement Team is Lionel Sanchez, CPA. Mr. Sanchez's background includes over twenty years of various accounting experience including five years of municipal auditing experience. He has participated in the audits of numerous governmental agencies and assisted in their efforts to publish their financial statements in compliance with various regulations. Mr. Sanchez will be the Senior of this engagement.

The fourth member of the Engagement Team is Michael Vavrichek, CPA. Mr. Vavrichek's background includes over four years of various accounting experience including two years of municipal auditing experience. He has participated in the audits of numerous governmental agencies and assisted in their efforts to publish their financial statements in compliance with various regulations. Mr. Vavrichek will be the Staff of this engagement

The fifth member of the Engagement Team is Kevin Anderson. Mr. Anderson's background includes over two years of various accounting experience including one year of municipal auditing experience. He has participated in the audits of numerous governmental agencies and assisted in their efforts to publish their financial statements in compliance with various regulations. Mr. Anderson will be the Staff of this engagement.

The sixth member of the Engagement Team is Robert Wucher. Mr. Wucher has 30 years of experience in the field of Information Technology (IT) at the senior and executive management level. He has worked extensively with government agencies, private organizations and public companies. Industry experience includes the public sector, banking, manufacturing, Internet, health care and not-for-profit organizations.

The seventh member of the Engagement Team is Jessie Powell, CPA. Ms. Powell background includes thirty five years of accounting and auditing experience. She has an extensive background in audit and accounting engagements for small businesses and specializing in governmental entities and not-for-profit organizations. She also performs second partner reviews and engagement quality control reviews for several CPA firms throughout California and is an active peer reviewer for the CalCPA Peer Review Program. She has participated in the audits of numerous district, and city governments, as well as non-profit entities. Her diversified background offers the technical qualities required of the governmental and non-profit areas and the necessary wherewithal to properly evaluate the entire accounting process, develop opportunities to improve the accounting process, and to offer practical business recommendations. Ms. Powell will serve as an Engagement Quality Reviewer of this engagement.

Each member of the Engagement Team participates in continuing education programs offered by the AICPA and California State Society of Certified Public Accountants, and each has met the continuing education requirements for municipalities. In addition, the firm offers at least 60 hours of in-house CPE annually focused mainly on municipal audits.

Professional Development:

The Firm maintains a comprehensive training program targeted at appropriate professional staff levels. It utilizes in-house developed educational programs, AICPA and California CPA Foundation educational programs, and on-the-job training.

The Firm's annual training schedule which officially begins in April for all professional staff and administrative staff includes comprehensive in-house training sessions on such topics as:

- Review of principles of accounting and financial reporting for state and local governments.
- Review of governmental fund types and account groups.

- Review of newly issued generally accepted auditing standards and GAO auditing standards.
- Review of Internal Control evaluation approaches including COSO principles.
- Updates on recent governmental accounting and reporting guidelines.
- Review of Single Audit requirements and approaches.
- Review of financial audit approaches.
- Overview of audit and internal control work paper techniques.
- Review of GASB reporting requirements.
- Review of current issues facing the governmental community.

During the year, professional staff members are sent to various educational sessions sponsored by the AICPA and California State Society of CPAs, as considered appropriate for the level and need of the individual. These classes include, among others:

- Governmental Financial Reporting Standards and Practices.
- Yellow Book: Government Auditing Standards.
- Financial Accounting Standards: Comprehensive Review.
- Single Audit.
- Governmental Auditing & Accounting Update.
- Governmental Accounting Principles.
- Comprehensive Review of Generally Accepted Auditing Standards

The result of the Firm's training program is the production of a highly educated and competent municipal audit group capable of performing an efficient and effective audit for the District.

The Team members will continue their professional development efforts.

Staff Retention and Continuity:

The Firm's policy on providing service to our clients includes a commitment to maintaining continuity of audit personnel. We cannot guarantee that our staff will remain with the Firm. However, to encourage our staff to remain with us, we pay competitive wage rates; offer promotional opportunities; provide state-of-the-art equipment and excellent working conditions; and offer various benefits, such as retirement plans, medical plans, profit sharing programs, educational benefits, and other such benefits. Additionally, we will guarantee that any staff member assigned to this engagement will return to the District in subsequent years if he or she is still with the Firm. We can also guarantee that the partner will be involved in future years. Continuity of audit staff is of prime concern to us and because of the hands-on involvement of the partner; we can assure you that future years' audits will be conducted in an efficient and effective manner with qualified and experienced professionals.

The Firm is an Equal Opportunity employer and complies with all Federal and State hiring requirements. The Firm also supports Affirmative Action philosophies and works hard to provide disadvantaged groups with opportunities for self enhancement.

Resumes of each member of the Engagement Team follow.

Ahmed Badawi, *Certified Public Accountant* – Engagement Partner

Length of Career

- Eighteen years' experience in municipal auditing with a special focus on cities.
- Certified Public Accountant for the State of California.

Professional Experience

- Partial listing of clients served:

	Services Provided					
	Financial Audit	Single Audit	RDA Audit	PFA Audit	Enterprise Fund	Other
Special Districts and Other:						
Alameda County Water District	X				X	X
Marin Municipal Water District	X					X
West County Wastewater District	X					X
Port of Redwood City	X	X				X
Coastside Fire Protection District	X					X
Cosumnes Community Services District	X					X
East Bay Regional Park District	X	X				X
Metropolitan Transportation Commission						X
South Bayside System Authority	X					X
Stanislaus County Childcare	X					X
Cities:						
Albany	X	X	X			X
Antioch	X	X		X	X	X
Berkeley	X	X	X		X	X
Burlingame	X				X	X
Dublin	X	X				X
Fremont	X	X	X			X
Pleasanton	X	X		X		X
Redwood City	X	X	X		X	X
Richmond	X	X	X	X	X	X
San Bruno	X	X	X		X	X
San Leandro	X	X	X			X
Turlock	X	X	X	X	X	X
Union City	X	X	X		X	X
Walnut Creek	X	X	X		X	X
Counties:						
Santa Cruz County	X	X	X	X	X	X
Contra Costa County	X	X	X	X	X	X
County of Lassen	X	X			X	X
Health Care:						
Alameda County Medical Center	X	X				X
Family HealthCare Network	X					X

- Has performed numerous financial audits, Single Audits, Transportation Development Act audits, housing audits, electrical utility audits, RDA audits, PFA audits, and Trust Fund audits, and has prepared numerous CAFRs.

Education

- BS Degree in Accounting from the University of Alexandria, Egypt.

Professional Activities

- Instructor, CSMFO's "Introduction to Governmental Accounting" training class.
- Member, CALCPA Government Accounting and Auditing Committee
- Member, CALCPA Accounting Principles and Auditing Standards Committee
- Member, CALPCA State Technology Committee
- Member, American Institute of Certified Public Accountants.
- Member, California Society of Certified Public Accountants.
- Member, Government Finance Officers Association.
- Member, California Society of Municipal Finance Officers.
- Chair, Audit Committee, Pets Unlimited, a CA nonprofit organization
- Member, Board of Directors, San Francisco SPCA

Continuing Education

Has met the current CPE educational requirements to perform audits on governmental agencies

Mitesh Desai, *Certified Public Accountant* – Professional Audit Manager

Length of Career

- Seven years' experience in municipal auditing with a special focus on cities.
- Certified Public Accountant for the State of California.

Professional Experience

- Has participated in several financial audits, Single Audits, RDA audits, PFA audits, Transportation Development Act audits, and housing audits

	Services Provided					
	Financial Audit	Single Audit	RDA Audit	PFA Audit	Enterprise Fund	Other
Special Districts and Other:						
Alameda County Water District	X				X	X
Marin Municipal Water District	X					X
West County Wastewater District	X					X
Port of Redwood City	X	X				X
Coastside Fire Protection District	X					X
Cosumnes Community Services District	X					X
East Bay Regional Park District	X	X				X
Metropolitan Transportation Commission						X
South Bayside System Authority	X					X
Stanislaus County Childcare	X					X
Cities:						
Albany	X	X	X			X
Antioch	X	X		X	X	X
Berkeley	X	X	X		X	X
Burlingame	X				X	X
Dublin	X	X				X
Fremont	X	X	X			X
Pleasanton	X	X		X		X
Redwood City	X	X	X		X	X
Richmond	X	X	X	X	X	X
San Bruno	X	X	X		X	X
San Leandro	X	X	X			X
San Mateo	X	X	X		X	X
Turlock	X	X	X	X	X	X
Union City	X	X	X		X	X
Walnut Creek	X	X	X		X	X
Counties:						
Santa Cruz County	X	X	X	X	X	X
Contra Costa County	X	X	X	X	X	X
County of Lassen	X	X			X	X
Health Care:						
Alameda County Medical Center	X	X				X
Family HealthCare Network	X					X

Education

- BS Degree in Business Economics with an emphasis in Accounting from University of California, Santa Barbara

Professional Activities

* Member, American Institute of Certified Public Accountants.
* Member, California Society of Certified Public Accountants.

Continuing Education

- Various municipal accounting courses offered by the California Society of CPAs and local universities including:
  - Governmental Financial Reporting Standards and Practices
  - Yellow Book: Government Auditing Standards
  - Municipal Accounting
  - Single Audit
- Has met the current CPE educational requirements to perform audits on governmental agencies.

Lionel Sanchez, *Certified Public Accountant* – Professional Audit Senior

Length of Career

- Twenty years of experience in various accounting-related positions.
- Five years' experience in municipal auditing with a special focus on cities.
- Certified Public Accountant for the State of California.

Professional Experience

- Has participated in several financial audits, Single Audits, RDA audits, PFA audits, Transportation Development Act audits, and housing audits

	Services Provided					
	Financial Audit	Single Audit	RDA Audit	PFA Audit	Enterprise Fund	Other
Cities:						
Albany	X					
Berkeley	X	X	X		X	X
Ceres	X	X			X	X
Citrus Heights	X	X	X		X	X
Corte Madera	X	X	X		X	X
Lemon Grove	X				X	
Newark	X	X	X			X
Redwood City	X	X			X	X
Rocklin	X		X		X	X
San Mateo	X	X	X		X	X
Counties:						
Contra Costa	X	X	X	X	X	X
Glenn		X				
Santa Cruz	X	X	X	X	X	X
Other:						
Coastside County Water District	X					
Fair Oaks Water District	X					
Lassen Regional Solid Waste Mgmt Authority	X					
Marin Municipal Water District	X	X				
North Coast Water District	X					
Peninsula Library Partnership	X					
Peninsula Library System	X					
San Mateo County Library	X					
Sanitary District #2, Corte Madera	X					
Tahoe City Public Utilities District	X					

Education

- BA Degree in Economics from University of New Mexico
- Post Baccalaureate in Accounting from California State University East Bay

Professional Activities

* Member, California Society of Certified Public Accountants.

Continuing Education

- Various municipal accounting courses offered by the California Society of CPAs and local universities including:
  - Governmental Financial Reporting Standards and Practices
  - Yellow Book: Government Auditing Standards
  - Municipal Accounting
  - Single Audit

Has met the current CPE educational requirements to perform audits on governmental agencies.

Michael Vavrichek, *Certified Public Accountant* –Audit Staff

Length of Career

- Four years of experience in various accounting-related positions.
- Two years experience in municipal auditing with focus on cities
- Certified Public Accountant for the State of California

Professional Experience

- Partial listing of clients served:

	Services Provided				
	Financial Audit	Single Audit	PFA Audit	Enterprise Fund	Other
Special Districts and others:					
Marin Municipal Water District	X			x	
Castro Valley Sanitary District	X			x	
Contra Costa County Child Care Program	X				X
Cities:					
Antioch	X			X	
Berkeley	X			X	X
Calimesa	X				
Crescent City	X			X	
East Palo Alto	X			X	X
Menlo Park	X			X	X
Newark	X	X		X	X
San Mateo	X	X		X	X
Union City	X	X		X	X
Redwood City	X	X		X	X
Vacaville	X	X	X		X

- Has performed numerous Single Audits and Transportation Development Act audits.

Education

- BA Degree in Accounting at Santa Clara University, CA.

Continuing Education

- Various municipal accounting courses offered by the California Society of CPAs and local universities including:

  - Governmental Financial Reporting Standards and Practices
  - Yellow Book: Government Auditing Standards
  - Municipal Accounting
  - Single Audit

- Has met the current CPE educational requirements to perform audits on governmental agencies.

Kevin Anderson – Audit Staff

Length of Career

- Four years of experience in various accounting-related positions.
- One year experience in municipal auditing with focus on cities

Professional Experience

- Partial listing of clients served:

	Services Provided				
	Financial Audit	Single Audit	PFA Audit	Enterprise Fund	Other
Cities:					
Albany	X			X	X
Antioch	X	X	X	X	
Barstow	X	X		X	
Berkeley	X	X		X	X
Buena Park	X	X		X	
Crescent City	X	X		X	
East Palo Alto	X	X		X	X
Menlo Park	X			X	X
San Mateo	X	X		X	X
Susanville	X			X	
Special Districts and others:					
Castro Valley Sanitary District	X			X	
Marin County Parks					X
Marin Municipal Water District	X	X		X	
Metropolitan Transportation Committee					X

- Has performed numerous Single Audits and Transportation Development Act audits.

Education

- BA Degree in Business Management Economics with emphasis on Accounting from University of California, Santa Cruz

Continuing Education

- Various municipal accounting courses including:

  - Governmental Financial Reporting Standards and Practices
  - Municipal Accounting

- Has met the current CPE educational requirements to perform audits on governmental agencies.

Robert Wucher – Information Technology Specialist

Robert Wucher has 30 years of experience in the field of Information Technology (IT) at the senior and executive management level. He has worked extensively with government agencies, private organizations and public companies. Industry experience includes the public sector, banking, manufacturing, Internet, health care, and not-for-profit organizations.

Areas of Expertise

- Systems Auditing and Controls Review (SEC AU-314, SAS-109, SAS-94)
- Sarbanes-Oxley, Section 404 IT Compliance Consulting and Auditing
- Journal Entry Analysis in Support of SAS-99 using IDEA by Caseware
- SSAE-16 (SOC 1,2 & 3), Type I & II Reporting (Formerly SAS-70)
- ERP/MRP System Reviews and Workflow Analysis
- Software as a Service (SaaS) Cloud Computing Technologies
- International and Multinational Company IT Audit Expertise
- Forensic Data Analysis and Litigation Support in Support of Fraud Auditing
- Systems Selection and Request-for-Proposal (RFP) Development
- Systems Programming and Data Conversion
- Systems Failure Analysis and Quality Improvement
- E-Commerce and EDI Systems
- Information Technology Strategic Planning
- System Process/Procedures Development and Implementation
- Disaster Recovery and Business Continuity Planning

Publications

- Author, The Top Five Tips Every Technology Executive Needs to Know About Sarbanes-Oxley, Published 2007, Aspatore Books
- Author, Winning Legal Strategies for Technology & E-Business, An Overview of IT Controls Under Sarbanes-Oxley Published 2005, Aspatore Books

Presentations

- IT Security Trends
- Data Privacy and Cloud Computing
- IT Trends and Red Flag Rule
- IT Controls for NFP Organizations

Education

- B.S. degree in Business Administration, Finance, Old Dominion University, Norfolk, VA.

Professional and Civic Associations

- Member, Information Systems Audit and Control Association (IASCA)
- MAS-90 Accounting Application Suite Qualified Installer, SAGE Systems
- Former Board Member, Pets are Wonderful Support (PAWS), San Francisco, CA

Jessie Powell, CPA – Engagement Quality Reviewer

The seventh member of the Engagement Team is Jessie Powell, CPA. Ms. Powell background includes thirty five years of accounting and auditing experience. She has an extensive background in audit and accounting engagements for small businesses and specializing in governmental entities and not-for-profit organizations. She also performs second partner reviews and engagement quality control reviews for several CPA firms throughout California and is an active peer reviewer for the CalCPA Peer Review Program. She has participated in the audits of numerous district, and city governments, as well as non-profit entities. Her diversified background offers the technical qualities required of the governmental and non-profit areas and the necessary wherewithal to properly evaluate the entire accounting process, develop opportunities to improve the accounting process, and to offer practical business recommendations. Ms. Powell will serve as an Engagement Quality Reviewer of this engagement.

Prior to the establishment of Powell & Spafford, Inc. Certified Public Accountants in 1999 she was a shareholder of a large local firm - Soren McAdam Bartells. She joined the firm of Soren McAdam Bartells (formerly Ziilch McAdam & Copeland) in 1982 and became a shareholder in 1987.

Jessie is a member of the American Institute of Certified Public Accountants (AICPA) and the California Society of Certified Public Accountants (CalCPA). She has served as team captain for the AICPA Peer Review Program through the CalCPA Peer Review Program for many years and was a member of the CalCPA Peer Review Committee. She has chaired the CalCPA Accounting Principles and Auditing Standards Committee and is still active on this committee. She also sits on the CalCPA Governmental Accounting & Auditing Committee; has sat on various task forces for the Society, is a past president of the local Inland Empire Chapter of CalCPA; past treasurer of CalCPA and a former committee member of the CalCPA Group Insurance Trust. Jessie is also a former member of the California State Board of Accountancy Administrative Committee. She has taught governmental and nonprofit audit and accounting classes at the university level and for practitioners including the annual CalCPA Accounting & Auditing Conference.

In her local community of Redlands, Jessie is current board member and former treasurer of Kimberly-Shirk Association, current board member and former president and treasurer of the YMCA of the East Valley and past treasurer of the Redlands Community Music Association and Family Service Association of Redlands. She is also a past treasurer and president of Soroptimist International of Redlands, of which she is still a member and actively involved. She is also an active member of the Redlands Chapter of the American Association of University Women.

Education	California State University, Long Beach Bachelor of Science, Business Administration

The following are three most significant special district engagements performed ranked based on the basis of total staff hours:

1) Marin Municipal Water District
   - Scope of Work: Financial Statements, Single Audit
   - Date: Fiscal years ended June 30, 2010-2013
   - Hours: 200
   - Engagement Partner: Ahmed Badawi
   - Principal Contact:
     Mrs. Oreen Delgado
     Finance Manager
     (415) 945-1425

2) Castro Valley Sanitary District
   - Scope of Work:, Financial Statements, Single Audit, Gann Limit,
   - Date: Fiscal years ended June 30, 2008-2013
   - Hours: 140
   - Engagement Partner: Ahmed Badawi
   - Principal Contact:
     Ms. Janette Stewart
     Director of Finance and Administration
     (510) 537-0757, ext. 109

3) Cosumnes Community Services District
   - Scope of Work: Comprehensive Annual Financial Report, Gann Limit
   - Date: Fiscal years ended June 30, 2008-2013
   - Hours: 400
   - Engagement Partner: Ahmed Badawi
   - Principal Contact:
     Mr. Jeff Ramos
     General Manager
     (916) 405-7150

The table on the following page lists City engagements that encompassed issuing a Comprehensive Annual Financial Report (resulting in a GFOA award) or encompassed performance of a Single Audit in the past three years

City	Client Since	Hours	Engagement Partner	Principal Contact	CAFR	GFOA Award	RDA/ Successor Agency	Single Audit	TDA	Child Care Audit	Housing Authority	Enterprise Funds
Berkeley	2008	1800	Ahmed Badawi	Mr. Marvin Tam Accounting Manager (510)981-7332 mtam@ci.berkeley.ca.us	Yes	Yes	X	X	X			X
Redwood City	2006	600	Ahmed Badawi	Ms. Alison Freeman Fiscal Services Manager (650)780-7072 Bponty@redwoodcity.org	Yes	Yes	X	X	X			X
San Mateo	2004	500	Ahmed Badawi	Mr. David Culver Finance Director (650)522-7102 dculver@cityofsanmateo.org	Yes	Yes	X	X	X			X
Vacaville	2008	600	Ahmed Badawi	Mr. Jeremy Craig Finance Director (707)449-5104 jcraig@cityofvacaville.com	Yes	Yes	X	X	X		X	X
Union City	2006	600	Ahmed Badawi	Mr. David Glasser Administrative Services Director (510)675-5431 dglasser@unioncity.org	Yes	Yes	X	X	X			X
Antioch	2005	470	Ahmed Badawi	Ms. Dawn Merchant Finance Director (925)779-6135 Dmerchant@ci.antioch.ca.us	Yes	Yes	X	X	X			X
Menlo Park	2014	514	Ahmed Badawi	Mr. Drew Corbett Finance Director (650)330-6640	Yes	Yes	X	X	X	X		X
Newark	2009	550	Ahmed Badawi	Ms. Susie Woodstock Director of Administrative Services (510)578-4804 susie.woodstock@newark.org	Yes	Yes	X	X	X			
Albany	2008	380	Ahmed Badawi	Mr. Paul Rankin Finance & Administrative Service Director (510)528-5730	Yes	Yes	X		X			X
Rio Vista	2009	480	Ahmed Badawi	Ms. Mary Lee Sharer Finance Manager (707)374-6451 Ext. 1118 mlsharer@ci.rio-vista.ca.us	No	N/A	X	X	X			X
Barstow	2012	550	Ahmed Badawi	Ms. Cindy Prothro Finance Director (760)255-5115 cprothro@barstowca.org	Yes	Yes	X	X				X
Buena Park	2013	500	Ahmed Badawi	Mr. Sung Hyun Finance Director (714)562-3717 shuyn@buenapark.com	Yes	Yes	X	X				X
Susanville	2013	450	Ahmed Badawi	Mr. Jared Hancock City Administrator (530)252-5100 jhancock@cityofsusanville.org	Yes	CSMFO						X
Calimesa	2013	350	Ahmed Badawi	Ms. Teresa Simmons Accounting Coordinator (909)795-9801 tsimmons@cityofcalimesa.net	No	N/A						
Lemon Grove	2013	350	Ahmed Badawi	Ms. Cathleen Till Finance Director (619)825-3803 ctill@lemongrove.ca.gov	No	N/A	X					X
Crescent City	2014	300	Ahmed Badawi	Ms. Emily Boyd Finance Director (707)464-7483 x224 eboyd@crescentcity.org	No	N/A	X	X			X	X

The following is a partial list of selected governmental agencies for which our professional staff members have performed auditing services in accordance with generally accepted auditing standards, GAO auditing standards, Single Audit Act, OMB requirements, and other regulatory requirements.

Child Care Programs

- Contra Costa County Child Care Program
- Stanislaus County Child Care Program
- City of Menlo Park Child Care Program

City Governments:

- City of Fremont
- City of Brisbane
- City of Eureka
- City of Santa Cruz
- City of Oceanside
- City of Dublin
- City of Redding
- Dublin San Ramon Services District
- City of Rocklin
- City of Walnut Creek
- City of Sunnyvale
- City of Burlingame
- City of Fairfield
- City of Saratoga
- City of Petaluma
- City of Pleasanton
- City of Los Altos
- City of Richmond
- City of San Bruno
- City of San Leandro
- City of Saratoga
- City of Ceres
- City of Foster City
- City of Menlo Park
- City of Sanger
- City of Ridgecrest
- City of San Buenaventura
- City of Shafter

County Governments

- County of Contra Costa
- County of Glenn
- County of Lassen
- County of Santa Cruz

Water District:

- Alameda County Water District
- South Coast Water District
- Marin Municipal Water District

Special Districts

- Port of Redwood City
- Cosumnes Community Service District
- Central County Fire District
- Coastside Fire Protection District
- Castro Valley Sanitary District
- West-County Wastewater District
- South Bayside Systems Authority
- Castro Valley Sanitary District

Housing

- Pleasanton Housing Authority
- Redding Housing Authority
- Vacaville Housing Authority
- Solano County Housing Authority

Understanding of Services to be Provided

The District desires an audit of the financial records for the District and an expression of an opinion in accordance with generally accepted accounting principles on the fairness of presentation of financial statements for the fiscal year ending June 30, 2015 with the option of extending the contract for four subsequent fiscal years.

The Firm will:

- Express an opinion on the fair presentation of its basic financial statement which includes but is not limited to the financial statements of governmental activities, the business-type activities, each major fund and all aggregate remaining fund information in conformity with generally accepted accounting principles in the United States of America.
- Express an opinion on the fair presentation of its combining and individual non-major and fiduciary fund financial statements and schedules in conformity with generally accepted accounting principles. The Firm will provide an "in-relation-to" report on the supporting schedules contained in the comprehensive annual financial report based on the auditing procedures applied during the audit of the basic financial statements and schedules.
- Provide an "in-relation-to" report on the schedule of federal financial assistance based on the auditing procedures applied during the audit of the financial statements.
- Perform the audit in accordance with generally accepted auditing standards accepted in the United States of America, applicable to the financial audit contained in the Government Auditing Standards issued by the Comptroller General of the United States and the provisions of the U.S. Office of Management and Budget (OMB) Circular A-133, Audits of States, Local Governments and Non-Profit Organizations.
- Perform limited procedures on supplementary information required by the Government Accounting Standards Board.
- Issue the following reports, following the completion of the audit of the fiscal year's financial statements:
    - Independent Auditor's Report Opinion on Financial Statements and Schedule of Expenditure of Federal awards
    - Report on Internal Control over Financial Reporting and on Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance with Government Auditing Standards *(If required)*
    - Management Letter comments on Internal Controls
    - Independent Auditor's Report on Compliance with Requirements Applicable to Each Major Program and Internal Control over Compliance in Accordance with OMB A-133 *(If required)*
    - Schedule of findings and questioned costs *(If required)*
    - Auditor's Communication with Those Charged with Governance
    - Comprehensive Annual Financial Report following the requirements and guidelines of the GFOA award program
    - Livermore Amador Valley Water Management Agency report
    - GANN Limit agreed-upon procedures report
    - State Water Resource Control Board agreed-upon procedures report
- Provide special assistance to the District as needed.
- Retain all working papers and reports at the audit firm's expense for a minimum of 7 years. In addition, make working papers available to the District and/or any government agency as appropriate.

Should any conditions be discovered requiring corrective action, the Firm will provide a detailed description of the findings and recommended actions as to their resolution.

The Firm will submit a report to the Board of Directors and management detailing auditor's responsibility under generally accepted auditing standards, significant accounting policies, management judgments and accounting statements, significant audit adjustments, other information in documents containing audited financial statements, disagreements with management, management consultations with other accountants, major issues discussed with management prior to retention, difficulties encountered during the audit, and any significant deficiencies or material weaknesses found during the audit. Non-material instances of noncompliance will be reported in a separate management letter, if appropriate, along with any other observations or recommendations determined to be informative to District management.

The Firm will be available to provide advice and counsel regarding significant matters during the year.

The Firm's Partner and Staff welcome the opportunity to make presentations to the Board of Directors and will be ready to respond to questions from the Council and citizens of the District.

Objectives of Our Services

The basic objective of our audit of the District is to conduct an examination of the financial statements in accordance with generally accepted auditing standards and to express our opinion on the fairness of presentation of such financial statements in conformity with generally accepted accounting principles.

Additionally, we believe that another real value of our audit lies in meeting other objectives at no additional cost. The following are other objectives of our services that have important benefits to the District:

- To offer substantive observations and recommendations relating to accounting and operating control policies and procedures.
- To identify opportunities for operating efficiencies and isolate candidate activities for cost reduction opportunities.
- To perform a professional audit in an efficient and effective way to minimize disruption to the office operations.
- To offer ongoing advisory services to assist in the running of the operation and implementation of improved operating procedures.

The engagement will be conducted within the framework of the Firm's quality control program which includes the use of audit programs, careful planning, use of computerized audit software and internal control evaluation & documentation software, and objective review procedures. On-site staff will use Firm supplied portable computers and printers.

Specific Audit Approach

Audit Approach

The specific audit approach has been designed to efficiently and effectively address the audit requirements of the District, to perform the audit of the District's financial records in a timely manner with minimal disruptions to office operations, and to meet the District's timeline.

The audit will be conducted in accordance with:

1) Generally accepted auditing standards established by the AICPA.
2) Minimum audit requirements and reporting guidelines for California Special Districts.
3) The standards contained in Government Auditing Standards issued by the GAO.
4) Provisions of the Single Audit Act and OMB Circular A-133.
5) Requirements issued by the California State Controller's office.
6) Other requirements as required.

We will conduct the necessary audit steps to perform:

- Planning of the engagement.
- Evaluation of the existing internal control environment to determine degree of risk of material misstatement.
- Determination of degree of compliance with laws, regulations, grant provisions, and District approved policies.
- Assessment of potential fraudulent issues.
- Validation of account balances.
- Verification of reasonableness of management estimates.

Technical Approach

We use an industry specific audit approach tailored to governmental entities. Our governmental audit approach addresses the special risks and circumstances of local governments. As a result, the audit is conducted efficiently and effectively with minimal disruption to your staff.

The core of our governmental technical audit approach can be summarized as follows:

1. **Planning, Understanding and Communication:**
   Based on our previous audit experience, using the budget, organizational charts, manuals and other financial information systems and our knowledge of how governments work, we will obtain an insight to the specific concerns and sensitivities of the District. Our understanding is updated continuously through our year-round contact and communication efforts. We will agree on common audit objectives and expectations with management before audit work begins and, throughout the audit, will meet regularly with management to discuss audit issues and to gather feedback.

2. **In-Depth Review of Systems and Controls:**
   We have developed diagnostic reviews which enable us to evaluate your systems and controls, and to provide management with constructive feedback. Combined with our knowledge of the District and understanding and experience with the District's accounting software, our control review will form the basis of our audit risk assessment. We will utilize the COSO approach in our evaluation of the District's internal processes to identify potential control deficiencies. In future years, we will update our understanding through similar procedures.

3. **Risk-Based Customized Testing Program:**
   Our audit approach is tailored to governmental applications. We will use audit programs specifically designed to address the operational environment of governmental entities. Our approach will identify potential control risks and the opportunities for risk of material misstatements and fraud. We will evaluate the various risk assessments and identify the potential risks relating to the:

   - Balance Sheets/ Statement of Net Position
   - Statement of Revenues and Expenditures / Statement of Activities
   - Presentation
   - Disclosure

   Our audit procedures will then be developed to address these risk areas.

4. **Expanded Interim Fieldwork:**
   Timeliness and audit efficiency is enhanced by performing extensive interim work. Partners, managers and senior staff work with District staff to identify and resolve potential audit issues early. Accordingly, the amount of audit work to perform at year end is minimized. Because our audit staff is familiar with the operations before year-end fieldwork begins, disruption of accounting staff is minimized.

5. **Smooth Transition:**
Our testing program focuses on audit risks identified by our understanding of the District's operations. We will work with the accounting staff to identify the most effective ways to address our objectives. Communication between the members of the audit engagement team and District staff will be fluid and continuous.

6. **Sample Size and Sampling Techniques:**
Our audit approach will include sampling activities. Population size and the level of assurance to be derived from a particular test will dictate the sample size. We use sampling in our audit approach to compliment skilled judgment and knowledge of the particular situation. Our sample size will range normally from 25 to 60 items.

7. **Automated Systems:**
We will evaluate controls over the IT functions to assess control risk. We intend to test controls for purposes of reliance. Our review procedures will evaluate controls over:
   - Security Management
   - Logical and Physical Access
   - Configuration Management
   - Segregation of Duties
   - Contingency Planning

   In addition, we will review controls over:
   - Input, processing, output, master data
   - Application interface
   - Data management system interface

   Our Information Technology Specialists Group will evaluate the IT operating control environment.

8. **Analytical Procedures:**
We use analytical procedures in several aspects of our audit. Extensive knowledge and industry background are required for effective analytics, and our staff possesses the appropriate experience and knowledge for the District to benefit from these procedures.

9. **Approach to be Taken in Determining Laws and Regulations Subject to Audit Test Work:**
We continuously refer to specific regulations, compliance supplements, state guidelines and contracts currently in force. We perform the procedures required related to laws and regulations, using inquiries, observations and sampling techniques. Some of the laws and regulations that we believe may be applicable to the District are the requirements of the California Public Utilities Commission, Single Audit Act and other applicable laws and regulations, including the California Government Code, provisions of applicable Grant guidelines, California Constitution GANN Limit requirements, requirements of local measures, etc.

10. **Report Format:**
We will meet with District Management to review report formats. Any report format changes will be made in conjunction with approval from the District's management.

11. **Work Plans:**
The detailed work plans will be designed to efficiently and effectively address the audit requirements of the District in accordance with generally accepted auditing standards, to perform the audit of the District's financial records in a timely manner with minimal disruptions to office operations, and to meet the District's timeline.

12. Adjusting Journal Entries:

We will discuss and explain proposed audit adjusting entries with the District's designated Finance Department personnel prior to recording. Audit adjusting entries will be provided in a format showing the lowest level of posting detail needed for data entry on the District's general ledger system.

13. Listing of Schedules and Tables (anticipated to be prepared by the District):

Based on preliminary inquiries made with management and District staff and review of documents, we will tailor a list of schedules, tables, and other reconciliations required for the audit. We will take into account as much as possible reconciliations already prepared by the District for day to day operations and reporting, as well as any reports that are system generated to limit the need for additional District staff hours.

The following is a listing of significant reconciliations that we would normally expect the District to provide to us in assisting us in conducting our fieldwork.

- Trial Balance
- CAFR and Account Roll Up Schedule
- Budget to Actual Reports
- Bank Reconciliations
- Listing of manually prepared journal entries posted
- Summary of Investments held by the District
- Capital Asset Schedules
- Long Term Debt Schedules
- Debt amortization schedules & Calculations of deferred amounts
- Calculations of any debt covenants amounts or percentages
- Schedule of Operating Leases
- Schedule of Expenditures of Federal Awards
- Analysis of Deferred Inflows of Resources an Deferred Outflows of Resources
- Reconciliation of Receivables to subsidiary ledgers
- Calculations for estimate of allowance for uncollectible accounts
- Loans Receivable Schedules
- Reconciliation of Significant Revenue Accounts
- Utility billing Registers and Fee schedules
- Compensated Absences and Early Retirement Obligation Schedules and Copies of Related Policies
- Claims Payable schedules
- PERS and OPEB Roll Forward & Supporting Schedules
- GASB 54 Fund Balance Roll Forward Schedule
- Interfund Transaction Schedules

14. Computer Software:

The firm maintains a variety of software packages in the audit and financial statement compilation process, which include MS Office (Word, Excel, etc.), Prosystem fx Engagement, PPC Checkpoint and Checkpoint Tools, and Single Audit SMART Tool. Our I.T. Specialist also has the ability to run reports using IDEA (data analysis software).

Our audit software enables us to link our audit trial balance to the financial statements, for efficient financial statement compilation. It also allows us to create various analytical reports easily (e.g. year to year comparisons, budget to actual comparisons, trend analysis, ratio analysis, etc.).

Our research tools are always kept up to date to ensure compliance with accounting and auditing standards, and are also a resource for us to provide guidance to our clients.

We also use Prosystem electronic portal, which allows our clients to easily upload requested audit schedules and testing selections. The portal is very helpful in the audit process as it reduces duplicated audit requests, and allows our engagement team to review uploaded schedules prior to beginning audit fieldwork.

Audit Schedule

2015 Period	Audit Tasks
	Award of Contract
	Interim Audit Procedures:
May	***- Planning and Administration***
	▸ Review and obtain copies of key work papers of prior audit firm. ▸ Entrance conference with District Management to discuss audit approach, timing, assistance, and issues ▸ Review and evaluate the District's accounting and financial reporting. Prepare an overall memo of recommendations, potential issues, and suggestions for improvements. ▸ Prepare overall memo to District confirming audit procedures, timing, and assistance. ▸ Prepare detailed audit work plan and audit programs, audit budget and staffing schedule, and list of schedules to be prepared by District staff, and provide it to District Management.
May	***- Internal Control Evaluation***
	▸ Meeting with key Finance Division personnel. ▸ Obtain and document understanding of key internal control systems through walk-throughs, interviews of staff, and review of supporting documentation: General ledger system. Budgeting system. Revenue, utility billing, accounts receivable, and cash collections. Purchasing, expenditures, accounts payable, and cash disbursements. Payroll. Federal Financial Assistance. Other systems. ▸ Identify control risks. ▸ Evaluate IT control environment. ▸ Perform testing of the internal control system and evaluate the effectiveness of the District's systems. Select large dollar and random samples of transactions in key operating systems. Sample size to meet required level for determined degree of risk. Review supporting documentation of selected transactions, evaluate adequacy of support and approvals, and conclude on degree of adherence to accuracy and compliance with District policies. ▸ Conduct fraud assessment procedures. ▸ Assess degree of risk for material misstatement. ▸ Provide to the District's management a memo concerning management letter points and identify issues, if any.

2015 Period	Audit Tasks
May	***- Other Tasks*** ▸ Review minutes of Board of Directors meetings and other key committees. ▸ Preliminary testing,verify and validate account balances by reviewing supporting documentation including invoices, vouchers, council resolutions, minutes, and other documents, as required. ▸ Preliminary Single Audit and other compliance testing ▸ Coordinate with District staff and prepare of all appropriate confirmation requests including: Bank accounts. Investment pool accounts. Accounts receivable. Federal grants. Revenue from governmental agencies. Bond and other debts. Pension plan. Attorney letters. Others, as required. ▸ Provide District with audit plan and list of year end audit schedules. ▸ Hold progress conference with District Management. ▸ Hold exit conference with District Management.
August	***- Final Field work*** ▸ Entrance conference with District Management. ▸ Follow-up on all outstanding confirmations. ▸ Verify and validate account balances by reviewing supporting documentation including invoices, vouchers, council resolutions, minutes, and other documents, as required. ▸ Perform analytical review of revenue and expenditures. Determine reason for material differences between budget and actual. ▸ Perform a search for unrecorded liabilities by reviewing disbursements subsequent to June 30, testing terms of contractual obligations, and interviewing District staff. ▸ Perform review of subsequent events by discussions with District Management and update all minutes of Board of Directors and key committees. ***- Single Audit Compliance (if required)*** ▸ Entrance conference with District Management. ▸ Obtain Federal Financial Assistance Schedule. ▸ Determine grants to be considered as major programs including clusters. ▸ Perform audit tests of major grant programs and compliance with Federal Law and Regulations ▸ Review grant documents, select sufficient number of transactions to test for compliance of Federal Requirements. ▸ Coordinate Single Audit efforts with the Financial Audit efforts. ▸ Communicate findings to District Management. ▸ Other Compliance

Audit Schedule, Continued

2015 Period	Audit Tasks
September	***- Audit Reports*** ‣ Prepare drafts of financial statements ‣ Prepare draft of Single Audit Reports concerning internal control structure, compliance with laws and regulations, and administering of federal financial assistance programs. ‣ Prepare other reports as required. ‣ Provide drafts of reports to District Management for review.
September	- Provide revised final drafts of all required reports to the District for approval
October	***- Final Audit Reports, Financial Statements, and Single Audit Reports delivered.***

Discussion of Relevant Accounting Issues

Identification of Anticipated Potential Audit Problems

We do not anticipate that there will be any audit problems at the District. However, the following are some areas that we will carefully investigate and monitor during our audit procedures:

- Investments:
  - Evaluate compliance with GASB 31.
  - Review and evaluate the District's authorization and approval process of its investments.
  - Review and evaluate the District's controls to assure compliance with investment limitations and types of specific investments.
  - Review and evaluate the District's monitoring of its investments.
- Financial Reporting:
  - Review and evaluate that the District's Annual Financial Reports are in compliance with current reporting and disclosures requirements issued by the GASB and GFOA.
  - Review Annual Financial Reports for financial reporting conformance awards issued by CSMFO and GFOA.
  - Review and evaluate degree of compliance with the various GASBs in effect.
  - Review degree of compliance with infrastructure obligations and regulatory provisions.
- Internal Control Structure:
  - Review and evaluate the District's internal control functions and ascertain compliance with proper internal control philosophies.
  - Review computer system processes and controls and evaluate adequacy of the control environment.

Several new GASB pronouncements will become effective over the time period of this proposal. As such, specific attention will be provided to determine the proper implementation of these new pronouncements. A list of known new pronouncements with implementation dates that fall within this proposal period are as follows:

2015

- Statement 68 - Accounting and Financial Reporting for Pensions
- Statement 69 - Government Combinations and Disposals of Government Operations
- Statement 71 - Pension Transition for Contributions Made Subsequent to the Measurement Date-an amendment of GASB Statement No. 68

2016

- Statement 72 – Fair Value Measurement and Application

Assistance to be Provided in the Implementation of GASB 68

The Firm will provide assistance to the District in implementing GASB Statement 68 as follows:

- Provide annual client training seminar where the new standards and implementation issues are discussed.
- The Firm partners are members of several organizations such as the CalCPA Government Committee and the AICPA Government Audit Quality Center which allow the Firm to stay up to date on all GASB 68 potential implementation issues and in turn bringing it to clients' attention and working with them on ways to address those issues.
- Provide sample note disclosure and RSI for clients to assist them in preparing the financials and review finals to ensure adherence to GASB standards
- Access to multiple actuarial firms enable us to better research and analyze data and better assist our clients in navigating through the implementation of GASB 68

Schedule of Audit Hours

Auditors Estimated Hours (excluding Single Audit)	
	2015
Position	
Partners	30
Manager	55
Senior	80
Staff	200
Admin	4
I.T. Specialist	4
Total	373

Conclusion

A client relationship with the District will be of great value to our Firm and we welcome the opportunity to develop a long-term relationship with the District. We are committed to:

- Rendering the highest standard of service.
- Developing a long-term working relationship dedicated to meeting the needs of the District.
- Assisting the District in operational issues.
- Producing a quality end-product.

We have the technical qualifications and experience to provide the level of service desired and expected by the District and stand ready to provide our knowledge and experience for the benefit of your organization.

We would like to express our appreciation to the District and to its Staff for allowing us the opportunity to submit a proposal to perform professional auditing services. We are available, at your convenience, to discuss any aspects of our proposal.

Thank you for allowing us to present our Firm to you.

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Appendix A

References

1) Cosumnes Community Services District
   - Scope of Work: Comprehensive Annual Financial Report, Gann Limit
   - Date of Service: Fiscal years ended June 30, 2008-2014
   - Engagement Partner: Ahmed Badawi
   - Principal Contact:
     Mr. Jeff Ramos
     General Manager
     8820 Elk Grove Blvd, Elk Grove, CA 95624
     (916) 405-7150
     jefframos@yourcsd.com

2) Marin Municipal Water District
   - Scope of Work: Financial Statements, Single Audit
   - Date of Service: Fiscal years ended June 30, 2010-2014
   - Engagement Partner: Ahmed Badawi
   - Principal Contact:
     Mrs. Oreen Delgado
     Finance Manager
     220 Nellen Ave, Corte Madera, CA 94925
     (415) 945-1425
     odelgado@marinwater.org

3) Castro Valley Sanitary District
   - Scope of Work:, Comprehensive Annual Financial Report, Single Audit, Gann Limit,
   - Date of Service: Fiscal years ended June 30, 2008-2014
   - Engagement Partner: Ahmed Badawi
   - Principal Contact:
     Ms. Janette Stewart
     Director of Finance and Administration
     20211 Patio Dr, Castro Valley, CA 94546
     (510) 537-0757, ext. 109
     janette@cvsan.org

4) City of Berkeley
   - Scope of Work: Comprehensive Annual Financial Report, Gann Limit, SAS114, Measure B (Alameda County), Vehicle Registration Fee Audit (Alameda County), Due Diligence Reviews for the RDA Successor Agency
   - Contract Amount: $188,000
   - Engagement Partner: Ahmed Badawi
   - Principal Contact:
     Mr. Marvin Tam
     Accounting Manager
     (510)981-7332
     mtam@ci.berkeley.ca.us

5) City of Redwood City
   - Scope of Work: Comprehensive Annual Financial Report, Single Audit, Gann Limit, SAS114, Communication Users Tax, Measure A Report (San Mateo County), Due Diligence Reviews for the RDA Successor Agency
   - Contract Amount: $60,000
   - Engagement Partner: Ahmed Badawi
   - Principal Contact:
     Ms. Alison Freeman
     Fiscal Services Manager
     (650) 780-7071
     Afreeman@redwoodcity.org

6) City of Newark
   - Scope of Work: Comprehensive Annual Financial Report, Single Audit, Gann Limit, SAS114, Utility Users Tax, Vehicle Registration Fee Audit (Alameda County), Measure B (Alameda County), Transportation Development Act, Newark Betterment Corporation Audit, Newark Betterment Corporation 990 Tax Return, Due Diligence Reviews for the RDA Successor Agency
   - Contract Amount: $55,000
   - Engagement Partner: Ahmed Badawi
   - Principal Contact:
     Mrs. Susie Woodstock
     Director of Administrative Services
     (510)578-4804
     susie.woodstock@newark.org

7) City of Antioch
   - Scope of Work: Comprehensive Annual Financial Report, Single Audit, Gann Limit, SAS114, Antioch Public Facilities Financing Authority, Antioch Public Financing Authority, Transportation Development Act
   - Contract Amount: $68,000
   - Engagement Partner: Ahmed Badawi
   - Principal Contact:
     Ms. Dawn Merchant
     Finance Director
     (925)779-6135
     DMerchant@ci.antioch.ca.us

8) City of Albany
   - Scope of Work: Comprehensive Annual Financial Report, Gann Limit, SAS114, Measure B (Alameda County), Vehicle Registration Fee Audit (Alameda County), Pension Plan
   - Contract Amount: $33,000
   - Engagement Partner: Ahmed Badawi
   - Principal Contact:
     Ms. Tina Mckenney
     Director of Finance and Administration
     (510)528-5753
     tmckenney@albancyca.org

9) City of Barstow
   - Scope of Work: Comprehensive Annual Financial Report, Gann Limit, SAS114, Barstow Fire Protection District, Due Diligence Reviews for the RDA Successor Agency, Single Audit
   - Contract Amount: $70,000
   - Engagement Partner: Ahmed Badawi
   - Principal Contact:
     Mrs. Cindy Prothro
     Director of Finance
     (760)255-05115
     cprothro@barstowca.org

Dublin San Ramon Services District

SEALED DOLLAR COST BID PROPOSAL

For Professional Auditing Services for the Dublin San Ramon Services District

For fiscal years ending June 30, 2015, with the option of extending the contract for four subsequent fiscal years

March 16, 2015

Contact Person:

Ahmed Badawi, CPA
Badawi & Associates
Certified Public Accountants
180 Grand Avenue, Suite 1500
Oakland, CA 94612
Phone: (510) 768-8244
Fax: (510) 768-8249
E-mail: abadawi@b-acpa.com

BADAWI & ASSOCIATES
CERTIFIED PUBLIC ACCOUNTANTS

Name of Firm and Certification

Name of Firm: Badawi & Associates

Address: 180 Grand Avenue, Suite 1500

City, State, Zip: Oakland, CA 94612

Contact Name: Ahmed Badawi

Contact Telephone Number(s): 510-768-8244

Contact Fax Number(s): 510-768-8249

Contact E-mail Address: abadawi@b-acpa.com

I, the undersigned, certify I am duly authorized to represent the above named firm and am empowered to submit this bid. In addition, I certify I am authorized to contract with the Dublin San Ramon Services District on behalf of the above named firm. The Firm will honor the prices listed in this proposal for 90 days from the submittal deadline.

Signature	President Title	3/16/2015 Date

Ahmed M. Badawi

Name (print)

	Year Ended June 30th					
Basic Reports to Be Issued	**2015**	**2016**	**2017**	**2018**	**2019**	**Total**
District Audit, including CAFR and Memo of Internal Controls	$ 23,385	$ 24,135	$ 24,975	$ 25,490	$ 26,205	$ 124,190
Livermore Amador Valley Water Management Agency	8,000	8,240	8,490	8,740	9,000	42,470
Agreed Upon Procedures - Gann	600	620	640	660	680	3,200
Agreed Upon Procedures - State Water Resources Control Board	950	980	1,010	1,040	1,070	5,050
Total	**$ 32,935**	**$ 33,975**	**$ 35,115**	**$ 35,930**	**$ 36,955**	**$ 174,910**

AUDIT WORK COST PROPOSAL FORM
FISCAL YEAR 2014/15

Position	Hours	Standard Hourly Rate	Quoted 2014/15	Total
Partner	30	$ 250	$ 130	$ 3,900
Manager	55	$ 200	$ 105	$ 5,775
Senior	80	$ 150	$ 95	$ 7,600
Staff	200	$ 125	$ 75	$ 15,000
I.T. Specialist	4	$ 200	$ 95	$ 380
Clerical	4	$ 90	$ 70	$ 280
Subtotal	373			$ 32,935
Out of Pocket Expenses				$ -
Total all-inclusive maximum price for FY 14/15 Audit				**$ 32,935**

AUDIT WORK COST PROPOSAL FORM
FISCAL YEAR 2015/16

Position	Hours	Standard Hourly Rate	Quoted 2015/16	Total
Partner	25	$ 250	$ 160	$ 4,000
Manager	45	$ 200	$ 125	$ 5,625
Senior	75	$ 150	$ 100	$ 7,500
Staff	190	$ 125	$ 85	$ 16,150
I.T. Specialist	4	$ 200	$ 100	$ 400
Clerical	4	$ 90	$ 75	$ 300
Subtotal	343			$ 33,975
Out of Pocket Expenses				$ -
Total all-inclusive maximum price for FY 15/16 Audit				**$ 33,975**

AUDIT WORK COST PROPOSAL FORM
FISCAL YEAR 2016/17

Position	Hours	Standard Hourly Rate	Quoted 2016/17	Total
Partner	20	$ 250	$ 175	$ 3,500
Manager	40	$ 200	$ 140	$ 5,600
Senior	75	$ 150	$ 115	$ 8,625
Staff	185	$ 125	$ 90	$ 16,650
I.T. Specialist	4	$ 200	$ 110	$ 440
Clerical	4	$ 90	$ 75	$ 300
Subtotal	328			$ 35,115
Out of Pocket Expenses				$ -
Total all-inclusive maximum price for FY 16/17 Audit				**$ 35,115**

AUDIT WORK COST PROPOSAL FORM
FISCAL YEAR 2017/18

Position	Hours	Standard Hourly Rate	Quoted 2017/18	Total
Partner	20	$ 250	$ 185	$ 3,700
Manager	40	$ 200	$ 145	$ 5,800
Senior	75	$ 150	$ 120	$ 9,000
Staff	185	$ 125	$ 90	$ 16,650
I.T. Specialist	4	$ 200	$ 120	$ 480
Clerical	4	$ 90	$ 75	$ 300
Subtotal	328			$ 35,930
Out of Pocket Expenses				$ -
Total all-inclusive maximum price for FY 17/18 Audit				**$ 35,930**

AUDIT WORK COST PROPOSAL FORM
FISCAL YEAR 2018/19

Position	Hours	Standard Hourly Rate	Quoted 2018/19	Total
Partner	20	$ 250	$ 190	$ 3,800
Manager	40	$ 200	$ 145	$ 5,800
Senior	75	$ 150	$ 120	$ 9,000
Staff	185	$ 125	$ 95	$ 17,575
I.T. Specialist	4	$ 200	$ 120	$ 480
Clerical	4	$ 90	$ 75	$ 300
Subtotal	328			$ 36,955
Out of Pocket Expenses				$ -
Total all-inclusive maximum price for FY 18/19 Audit				**$ 36,955**

Our fees are firm fixed prices that are based on an estimate of 373 hours to perform procedures necessary to provide the requested services. In determining our fees, we understand that the Authority's records will be in condition to be audited ; that is, transactions will be properly recorded in the general ledger and subsidiary records, these accounting records and the original source documents will be readily available to use, we will be furnished with copies of bank reconciliations, and other reconciliations and analyses prepared by the District and The District personnel will be reasonably available to explain procedures, prepare audit correspondence and obtain files and records.

Circumstances may arise during the engagement that may significantly affect the targeted completion dates and our fee estimate. As a result, additional fees may be necessary, which we will communicate and discuss with the District. Such circumstances include but are not limited to the following:

1. Changes to the timing of the engagement at your request. Changes to the timing of the engagement usually require reassignment of personnel used by Badawi & Associates ("the Firm") in the performance of services hereunder. However, because it is often difficult to reassign individuals to other engagements, the Firm may incur significant unanticipated costs

2. All requested schedules are not (a) provided by the accounting personnel on the date requested, (b) completed in a format acceptable to the Firm (c) mathematically correct, or (d) in agreement with the appropriate underlying records (e.g., general ledger accounts). The Firm will provide the accounting personnel with a separate listing of required schedules and deadlines.
3. Weaknesses in the internal control structure.

4. Significant new issues or unforeseen circumstances as follows:
    a. New accounting issues that require an unusual amount of time to resolve.
    b. Changes or transactions that occur prior to the issuance of our report.
    c. Changes in the District's accounting personnel, their responsibilities, or their availability.
    d. Changes in auditing requirements set by regulators. Significant delays in the accounting personnel's assistance in the engagement or delays by them in reconciling variances as requested by the Firm. All invoices, contracts and other documents which we will identify for the District, are not located by the accounting personnel or made ready for our easy access.

5. A significant level of proposed audit adjustments is identified during our audit.

6. Changes in audit scope caused by events that are beyond our control.

7. Untimely payment of our invoices as they are rendered.

Rates for Additional Professional Services:

Any services outside the scope of our engagement will be promptly identified before the services are rendered. Upon mutual agreement, the out-of-scope services will be separately billed at our standard hourly rates. While it can be difficult to simply state hourly rates, as often times the needs of the client and the specific tasks directly impact the billing rates for our services, we want to provide the following information regarding our published billing rates:

Position	Hourly Rate
Partner	$ 250
EQR	250
Manager	200
Senior	150
Staff	125
IT	150
Admin.	90

Our Standard Hourly Rates are adjusted annually by 3% for Cost of Living and Inflation Adjustments

A client relationship with the District will be of great value to our Firm and we welcome the opportunity to develop a long-term relationship with the District. We are committed to:

- Rendering the highest standard of service.
- Developing a long-term working relationship dedicated to meeting the needs of the District.
- Assisting the District in operational issues.
- Producing a quality end-product.

We have the technical qualifications and experience to provide the level of service desired and expected by the District and stand ready to provide our knowledge and experience for the benefit of your organization.

We would like to express our appreciation to the District and to its Staff for allowing us the opportunity to submit a proposal to perform professional auditing services. We are available, at your convenience, to discuss any aspects of our proposal.

Thank you for allowing us to present our Firm to you.

****

POLICY

Dublin San Ramon Services District

Policy No.:	P400-14-3	**Type of Policy:**	Finance
Policy Title:	Auditor Selection and Services		
Policy Description:	Establishes Guidelines for Auditor Selection and Scope of Services		

Approval Date:	Aug 19, 2014	**Last Review Date:**	2014
Approval Resolution No.:	51-14	**Next Review Date:**	2018
Rescinded Resolution No.:	63-08	**Rescinded Resolution Date:**	Nov 18, 2008

It is the policy of the Board of Directors of Dublin San Ramon Services District:

It is in the District's best interest to obtain auditing services from a highly-qualified firm, and to ensure that there are no financial incentives that would jeopardize that firm from maintaining their independence.

Selection Policy – A full-scale competitive process will be held at least every five years for the selection of the independent auditor. The Financial Services Department is responsible for conducting the interview and selection process and recommending a firm to the Board.

Term of Contract – The initial contract term will be one year with four one-year renewal options. The General Manager has authority to renew the contract unless otherwise instructed by the Board.

Scope of Services – The auditor will perform the annual audit, prepare required tax filings and assist staff in analyzing/implementing accounting pronouncements. The auditor will not be asked to provide services unrelated to financial record keeping and compliance issues.

Dublin San Ramon Services District
Summary & Recommendation

Agenda Item 8C

Reference	Type of Action	Board Meeting of
General Manager	Decide Assessment Format	May 5, 2015

Subject
Approve Format and Content of General Manager Performance Assessment for Fiscal Year Ending June 30, 2015

☒ Motion	☐ Minute Order	☐ Resolution	☐ Ordinance	☐ Informational	☐ Other
REPORT:	☐ Verbal	☐ Presentation	☒ Staff	B. Michalczyk	☐ Board Member

Recommendation:

The General Manager recommends the Board of Directors approve, by Motion, the format for and content of the General Manager's performance evaluation for Fiscal Year Ending June 30, 2015 with the content as presented in Attachment 1.

Summary:

In January, the Board established the schedule and process for the annual evaluations for the positions which report directly to the Board: General Manager, Legal Counsel, Treasurer and District Secretary. The schedule and process for the General Manager assessment is presented in Attachment 2 and calls for the Board to render a decision at this meeting as to the format for and content of that assessment. The General Manager's assessment for FYE 2014 consisted of the following aspects:

- Competencies
  - Change and Adaptation
  - Leadership within the District
  - Leadership outside the District
  - Oral and Written Communications
  - Reasoning and Decision Making
  - Planning and Organizing
  - Business Ethics (Meets/Does not Meet)
- Areas of Emphasis for FYE 2014
- Notable Events
- Overall Rating
- Proposed Areas of Emphasis for Following Fiscal Year
- Acknowledgement

Attachment 1 proposes that these be maintained. However, it is the Board's prerogative to make changes as they may desire.

Committee Review			Legal Review	Staff Review		
COMMITTEE	DATE	RECOMMENDATION		ORIGINATOR	DEPARTMENT	REVIEWED BY
---	---	---	Not Required	B. Michalczyk	Executive	

ATTACHMENTS ☐ *None*

☐ Resolution	☐ Minute Order	☐ Task Order	☐ Staff Report	☐ Ordinance

☒ Cost $0	☐ Funding Source A. B.	Attachments to S&R 1. Draft Proposed Format and Content of Assessment for FYE 2015 2. 2015 Performance Evaluation Process and Schedule

ATTACHMENT 1

Proposed Format and Content of Assessment for FYE 2015

Section	Title	Content	Comment
1	Competencies	o Change and Adaptation o Leadership within the District o Leadership outside the District o Oral and Written Communications o Reasoning and Decision Making o Planning and Organizing o Business Ethics (Meets / Does not Meet)	List of competencies as decided by the Board is working well and is consistent with (but not exactly identical to) those used for the senior management team. For FYE 2015 the following are to be used (same as FYE 2014
2	Areas of Emphasis for FYE 2015	Three established for FYE 2015	These are the goals established for the General Manager
3	Notable Events	A summary of non-pre-specified events (good and bad) that occurred throughout the year and reflections on same including key aspects of the Strategic Plan	A "free form" opportunity to reflect and learn from the experiences of the past year.
4	Overall Rating	An "overall" rating"	Not derived or calculated from the individual competencies etc. but rather a general overall impression
5	Areas of Emphasis for FYE 2016	Three to four as determined by the Board	Good practice – avoids surprises and allows Board to agree on what is important in the upcoming year
6	Acknowledgement	• Board Personnel Committee • General Manager	Basically the "signature box"

GENERAL MANAGER		
Step	**Description**	**Schedule**
1.	The Board of Directors (Board) meets with the General Manager (GM) (Closed Session) for an informal mid-year review to discuss performance year to date, support and resources needed by the GM from the Board.	February 3
2.	The Board decides on the format and content of the GM's performance assessment. (Open Session)	May 5
3.	The GM completes a self-evaluation for FYE 2015 and transmits it to the Board	August 14
4.	The Board meets (Closed Session) to review and discuss the GM's self-evaluation and prepares its formal assessment (Closed Session).	August 18
5.	The Administrative Affairs Committee and GM meet to discuss the evaluation (Closed Session).	Sept 1

H:\Board\2015\05-05-15\Content of GM Perf Evaluation\Attachment 2 - Evaluation Process and Schedule.docx

Dublin San Ramon Services District
Summary & Recommendation

Agenda Item 9A

Reference	Type of Action	Board Meeting of
General Manager	Discuss & Provide Direction	May 5, 2015

Subject
Discuss Drought Management Program

☐ Motion	☐ Minute Order	☐ Resolution	☐ Ordinance	☐ Informational	☒ Other
REPORT:	☒ Verbal	☐ Presentation	☒ Staff	B. Michalczyk	☐ Board Member

Recommendation:

The General Manager recommends the Board of Directors receive comments from the public related to the District's current Drought Management Program, discuss those as appropriate and, by Consensus, provide appropriate direction to staff and/or Board Committees for follow-up or action at future Board meeting.

Summary:

On May 5, 2014 the Board established the District's Drought Management Program for 2014; on December 2, 2014 the Board took various actions to extend the Drought Management Program through June 30, 2015. The elements of the program include the following:

- Declared a Community Drought Emergency;
- Established Water Use Curtailment Goals;
- Adopted Water Use Limitations;
- Adopted Penalties and Enforcement Provisions (subsequently amended on August 5, 2014);
- Adopted Water Shortage Rate Stage 3;
- Approved a Wise Water User Credit for 2015;
- Approved an Enhanced Rebate Program;
- Endorsed the 2015 Drought Response Action Plan; and
- Approved budget amendments for FYE 2015 related to Drought Management Activities.

The various aspects of the Drought Management Program affect all customers of the District in various ways. To be as open and transparent as possible, the Board wishes to allow the public an opportunity to address the Board on the various aspects of the Drought Management Program in a manner that can lead to a productive outcome. The public may always address the Board under the "Public Comment" portion of the Board agenda. However, for public comment made at that time, the Board is precluded from having substantive discussions in response to the public comment received. This agenda item allows the Board to engage in a substantive discussion of issues that may be raised by the public and also to provide staff or a Board Committee appropriate direction related to the Drought Management Program in a timely fashion. This item will be a standing item on the Board agenda throughout the duration of the Community Drought Emergency which is currently scheduled to expire on June 30, 2015.

Committee Review			Legal Review	Staff Review		
COMMITTEE	DATE	RECOMMENDATION		ORIGINATOR	DEPARTMENT	REVIEWED BY
---	---	---	Not Required	B. Michalczyk	Executive	

ATTACHMENTS ☒ *None*

☐ Resolution	☐ Minute Order	☐ Task Order	☐ Staff Report	☐ Ordinance

☒ Cost $0	☐ Funding Source A. B.	Attachments to S&R 1. 2. 3.

Dublin San Ramon Services District
Summary & Recommendation

Agenda Item 9B

Reference	Type of Action	Board Meeting of
General Manager	Discuss & Provide Direction	May 5, 2015

Subject
Discuss and Provide Appropriate Direction Related to the Extension of the Current State of Community Drought Emergency and Revisions to the Elements to the District's Drought Management Plan

☐ Motion	☐ Minute Order	☐ Resolution	☐ Ordinance	☐ Informational	☒ Other
REPORT:	☒ Verbal	☐ Presentation	☒ Staff	B. Michalczyk	☐ Board Member

Recommendation:

The General Manager recommends the Board discuss and, by Consensus, provide staff with appropriate direction related to the extension of the current State of Community Drought Emergency and revisions to the various elements of the District's Drought Management Plan.

Summary:

The District most recently took action related to the ongoing drought on December 5, 2014. At that time, the Board of Directors extended the State of Community Drought Emergency through June 30, 2015 and, thereby extended the (and revised certain) previously adopted elements of the District's Drought Management Plan through that date. Subsequently, due to a dearth of snowpack in the northern Sierra (less than 5% of average on April 1 the traditional date of maximum snowpack), the Governor of the State of California issued Executive Order B-29-15 which, among other things:

- Extended the statewide declaration of emergency through February 2016;
- Ordered overall mandatory statewide reductions of 25% non-agricultural water use; and
- Proscribed several new water use prohibitions not already included in the elements of the District's Drought Management Plan.

The State Water Resources Control Board (SWRCB) was charged with developing implementing regulations for most of the parts of the Executive Order that affect the District. Key among those is that the SWRCB has proposed a 16% water use reduction goal to the District (Calendar year 2015 as compared to Calendar year 2013). The SWRCB is scheduled to make final decisions on the various matters on May 5 and 6, 2015 that will generally become effective 30 days thereafter.

To facilitate the Board's discussion, Attachment 1 summarizes the various aspects of the District's Drought Management Plan highlighting those areas which would not be in compliance with the Executive Order and the SWRCB proposed regulations. Chief among the direction needed is possible adjustments to the rate stage (currently at Stage 3, which has a target of 35% reduction and the Wise Water User Credit which is tied to rate Stage 3). Finally, a review of the District's experience in 2014 with the Drought Management Program identified possible revisions to other elements of the Program; those revisions are summarized in Attachment 2.

The Governor's Executive Order as well as the proposed SWRCB regulations are included as Attachments 3 and 4, respectively.

Committee Review			Legal Review	Staff Review		
COMMITTEE	DATE	RECOMMENDATION		ORIGINATOR	DEPARTMENT	REVIEWED BY
---	---	---	Not Required	B. Michalczyk	Executive	

ATTACHMENTS ☐ *None*

☐ Resolution	☐ Minute Order	☐ Task Order	☐ Staff Report	☐ Ordinance

☒ Cost	☐ Funding Source	Attachments to S&R
$0	A. B.	1. 2015 Drought Regulations Revisions Needed Due to CA Actions 2. Suggested FYE 2016 Drought Regulations Revisions Based on CY 2014 District Experience 3. Executive Order B-29-15 4. SRWCB Proposed Emergency Regulations (April 28, 2015)

2015 DROUGHT REGULATIONS REVISIONS NEEDED
DUE TO STATE OF CALIFORNIA ACTIONS
May 1, 2015

ITEM	Current DSRSD	Governor Executive Order	SWRCB Adopted	SWRCB Proposed	Anticipated DSRSD Revisions[1]
Timing of actions	May 5, 2014 December 5, 2014	April 1, 2015	March 27, 2015	May 5, 2015	Target May 19, 2015
Duration of State of Emergency	June 30, 2016	February 28, 2016			February 28, 2016
CURTAILMENT LEVELS					
Percent conservation	Overall – 25% Inside – 5% Outside – 50 to 60%	25% overall Statewide	Not Specified	16% CY 2015 vs CY 2013	Per SWRCB regulations
Mandatory or Voluntary Use Limitations	Mandatory	Mandatory	Mandatory	Mandatory	
WATER SHORTAGE RATES					
Rate Stage	Stage 3				Stage 2
Rate Structure	Tiered rates with various drought stages	Executive Order called for "rate structures and pricing mechanisms to maximize water conservation to achieve mandated restrictions" **Draft regulations not yet issued**			TBD but anticipate District will be in compliance
Effective date for rates	June 1, 2014				June 1, 2015

[1] If no revision shown – District is in compliance

ITEM	Current DSRSD	Governor Executive Order	SWRCB Adopted	SWRCB Proposed	Anticipated DSRSD Revisions[1]
Approx.price difference between proposed and baseline (non drought) rates increase at zero percent conservation	35% at Stage 3				20% at Stage 2
Approx. price difference between proposed and baseline (non drought) rates increase at targeted percent conservation	0% at Stage 3				0% at Stage 2
POTABLE WATER USE LIMITATIONS					
Landscape Irrigation					
Applicable Customers	All (residential, commercial, Irrigation, schools)				
Weekly Frequency	• Drip – no limitation • Bucket – no limitation • Hand with shutoff nozzle – as below • Temporary oscillating devices – as below • Permanent sprinklers– as below ***Monthly schedule*** Apr/May – 1 day / week June to Sept – 2 days/ week Oct-Nov - 1 day / week Dec to Mar - Prohibited	Two days per week		Two days per week	Two days per week year round rather than varying monthly schedule

ITEM	Current DSRSD	Governor Executive Order	SWRCB Adopted	SWRCB Proposed	Anticipated DSRSD Revisions[1]
Daily Limitations - Time	• Drip – No Limitations • Bucket – No Limitations • Hand held – 6PM to 9AM • Temporary oscillating devices– 6PM to 9AM • Sprinklers – 6PM to 9AM				
Daily Limitations other	Never two days in a row				
Irrigation / raining coordination	If on monthly schedule: • Prohibited when it is raining • Prohibited for 2 days after rain		Prohibited within 48 hours of rainfall	Prohibited during and within 48 hours of rainfall	
Irrigation of nursery stock for sale	Nursery stock not considered landscaping				
Other Prohibitions					
All waste and unreasonable uses	Prohibited	Prohibited	Prohibited	Prohibited	
Hose use	Prohibited for any use unless equipped with quick-acting positive shutoff nozzles				
Runoff from landscape Irrigation	Prohibited				
Any landscape irrigation that results in ponding, flooding, or marshy conditions	Prohibited				

ITEM	Current DSRSD	Governor Executive Order	SWRCB Adopted	SWRCB Proposed	Anticipated DSRSD Revisions[1]
Newly Constructed homes or buildings unless with drip or micro spray		Prohibited		Prohibited if delivered in a manner inconsistent with regulations or other requirements established by the California Building Standards Commission	Prohibited if delivered in a manner inconsistent with regulations or other requirements established by the California Building Standards Commission **Exact requirements are being researched**
Turf on street medians		Prohibited		Prohibited	Prohibited
Campuses, golf courses and cemeteries		Reduce potable water in an amount consistent with reduction targets **Draft regulations not yet issued**			TBD
Where recycled water is available	Prohibited				
Compaction / dust control	Prohibited				
Driveway Wash Down	Prohibited				
Sidewalk Wash Down	Prohibited				
Street Sweeping	Prohibited				
Sewer Maintenance	Prohibited				
Gutter Flushing	Prohibited				
Water from fire hydrants	Prohibited except for firefighting purposes Operational flushing only where necessary				

ITEM	Current DSRSD	Governor Executive Order	SWRCB Adopted	SWRCB Proposed	Anticipated DSRSD Revisions[1]
Filling / Refilling Swimming pools	Prohibited unless for health and safety purposes and with prior approval				
Filling / Refilling spas	Prohibited unless for health and safety purposes and with prior approval				
Swimming pool /spa topping off	Private Pools and Spas: Prohibited for pools and spas unless covered when not in use. Semi-Private Pools: allowed for up to four months to the extend not due to leaks if no cover installed as of effective date Semi-Private Spas: Prohibited unless covered when not available for use Public Pools: Prohibited unless covered when not available for use Public Water Play Features: to the extent not due to leaks and limited to use on hot days				
Non-recirculating decorative water features	Prohibited		Prohibited	Prohibited	
Recirculating decorative water features using potable water	Prohibited				

ITEM	Current DSRSD	Governor Executive Order	SWRCB Adopted	SWRCB Proposed	Anticipated DSRSD Revisions[1]
Decorative water features using recycled water	Allowed				
Water service	Limited to restaurants - only when requested		Only when requested in restaurants, hotels, cafes, cafeterias, bars and all public places where food and drink are served and purchased		Only when requested in restaurants, hotels, cafes, cafeterias, bars and all public places where food and drink are served and purchased
Hotels and Motels – Linens and towels			Give option to guest to not have towels and linens laundered daily and prominently display this option		Give option to guest to not have towels and linens laundered daily and prominently display this option
Car washing	Prohibited except at commercial car washes using recirculation				
Unrepaired leaks	Repair as quickly as possible and prohibited if not repaired				
Building exteriors	Prohibited unless for the purpose of repair work or painting				
ENFORCEMENT AND PENALTIES					
For Prohibitions					
Warning	Verbal or written				To be determined

ITEM	Current DSRSD	Governor Executive Order	SWRCB Adopted	SWRCB Proposed	Anticipated DSRSD Revisions[1]
First violation	$250 fine	Adopt penalties to maximize water conservation consistent with statewide water restrictions **Draft regulations not yet issued**			
Second violation	$500 fine				
Third violation	$1000 fine				
Fourth violation	Flow restrictor or shut-off				
Appeals process	First to Drought Coordinator then to BOD				
For Excessive Use					
Definition	• Single family resident use that is 50% in excess of the 34 ccf Tier 3 level on a weekly basis (threshold at 50 ccf bimonthly; 6 ccf weekly; 640 gpd assuming 2-3 persons per household) • Use of an unreasonable or inappropriate amount of water at any time[2]				
Warning	Verbal or written				
First violation	$250 fine				
Second violation	$500 fine				
Third violation	$1000 fine				
Fourth violation	Flow restrictor or shut-off				
Appeals process	First to Drought Coordinator Then to BOD				
REBATES AD CREDITS					

[2] All indoor usage below health and safety levels (55 gpcpd are considered reasonable)

ITEM	Current DSRSD	Governor Executive Order	SWRCB Adopted	SWRCB Proposed	Anticipated DSRSD Revisions[1]
Water Efficient Appliances Rebates	Participate in Zone 7's Add $25	CA Energy Commission to develop Statewide Program to "compliment" local programs in place **Details not yet issued**			
High Efficiency Toilets	Participate in Zone 7's Add $50				
Waterless Urinals Rebates	Participate in Zone 7's Add $50				
Weather Based Irrigation Controller Rebates (Smart Controllers)	$75 SFH $100 multi-family complexes				
Lawn Replacement Rebates Two step conversion: • Up front funding for lawn removal with mulching • Deferred planting until fall rains begin	Participate in Zone 7's and add: SFH - $0.25/sf $250 max. Others –$0.25/sf $1,500 max. Min. 250 sf conversion	DWR to develop Statewide Program to "compliment" local programs in place **Details not yet issued**			
Pool and spa cover rebates	$50 rebate				
Wise Water User Credit	$2 per month during Stage 3 rates if: • 2013 =< 10ccf per bimonthly period; • 2015 =< 10 ccf per bimonthly period; and • 2015 <= 2013				$1 per month during Stage 2 rates if: • 2013 =< 10ccf per bimonthly period; • 2015 =< 10 ccf per bimonthly period; and • 2015 <= 2013

SUGGESTED FYE 2016 DROUGHT REGULATION REVISIONS
BASED ON CY 2014 DISTRICT EXPERIENCE
MAY 1, 2015

ITEM	Current DSRSD	Possible Revisions for Consideration
Timing of actions	May 5, 2014 December 5, 2014	Target May 19, 2015
POTABLE WATER USE LIMITATIONS		
Landscape Irrigation		
Daily Limitations - Time	• Drip – No Limitations • Bucket – No Limitations • Hand held – 6PM to 9AM • Temporary oscillating devices– 6PM to 9AM • Sprinklers – 6PM to 9AM	Add “bubblers” and “micro-sprayers” as clarification for the definition of “drip and similarly high efficiency system”
Other Prohibitions		
Car washing	Prohibited except at commercial car washes using recirculation	Relax prohibited to restrict only if not done with a hose with a shut off nozzle
Building exteriors	Prohibited unless for the purpose of repair work or painting	To the definition of “building exteriors” Include fences that surround homes
ENFORCEMENT AND PENALTIES		
For Prohibitions		
Warning	Verbal or written	For non-residential accounts – the greater of the values at left or 10% of the comparable 2013 water billing for the period during which the violation occurs
First violation	$250 fine	
Second violation	$500 fine	
Third violation	$1000 fine	
Fourth violation	Flow restrictor or shut-off	
Appeals process	First to Drought Coordinator then to BOD	

For Excessive Use		
Definition	• Single family resident use that is 50% in excess of the 34 ccf Tier 3 level on a weekly basis (threshold at 50 ccf bimonthly; 6 ccf weekly; 640 gpd assuming 2-3 persons per household) • Use of an unreasonable or inappropriate amount of water at any time[1]	Restate as 4,480 gallons per week for residential customers to simplify understanding Limit of no more than 50% of 2013 usage for the same billing period for dedicated irrigation customers <u>For irrigation accounts</u> – the greater of the values at left or 10% of the comparable 2013 water billing for the period during which the violation occurs
Warning	Verbal or written	
First violation	$250 fine	
Second violation	$500 fine	
Third violation	$1000 fine	
Fourth violation	Flow restrictor or shut-off	
Appeals process	First to Drought Coordinator Then to BOD	

[1] All indoor usage below health and safety levels (55 gpcpd are considered reasonable)

Executive Department

State of California

EXECUTIVE ORDER B-29-15

WHEREAS on January 17, 2014, I proclaimed a State of Emergency to exist throughout the State of California due to severe drought conditions; and

WHEREAS on April 25, 2014, I proclaimed a Continued State of Emergency to exist throughout the State of California due to the ongoing drought; and

WHEREAS California's water supplies continue to be severely depleted despite a limited amount of rain and snowfall this winter, with record low snowpack in the Sierra Nevada mountains, decreased water levels in most of California's reservoirs, reduced flows in the state's rivers and shrinking supplies in underground water basins; and

WHEREAS the severe drought conditions continue to present urgent challenges including: drinking water shortages in communities across the state, diminished water for agricultural production, degraded habitat for many fish and wildlife species, increased wildfire risk, and the threat of saltwater contamination to fresh water supplies in the Sacramento-San Joaquin Bay Delta; and

WHEREAS a distinct possibility exists that the current drought will stretch into a fifth straight year in 2016 and beyond; and

WHEREAS new expedited actions are needed to reduce the harmful impacts from water shortages and other impacts of the drought; and

WHEREAS the magnitude of the severe drought conditions continues to present threats beyond the control of the services, personnel, equipment, and facilities of any single local government and require the combined forces of a mutual aid region or regions to combat; and

WHEREAS under the provisions of section 8558(b) of the Government Code, I find that conditions of extreme peril to the safety of persons and property continue to exist in California due to water shortage and drought conditions with which local authority is unable to cope; and

WHEREAS under the provisions of section 8571 of the California Government Code, I find that strict compliance with various statutes and regulations specified in this order would prevent, hinder, or delay the mitigation of the effects of the drought.

NOW, THEREFORE, I, EDMUND G. BROWN JR., Governor of the State of California, in accordance with the authority vested in me by the Constitution and statutes of the State of California, in particular Government Code sections 8567 and 8571 of the California Government Code, do hereby issue this Executive Order, effective immediately.

IT IS HEREBY ORDERED THAT:

1. The orders and provisions contained in my January 17, 2014 Proclamation, my April 25, 2014 Proclamation, and Executive Orders B-26-14 and B-28-14 remain in full force and effect except as modified herein.

SAVE WATER

2. The State Water Resources Control Board (Water Board) shall impose restrictions to achieve a statewide 25% reduction in potable urban water usage through February 28, 2016. These restrictions will require water suppliers to California's cities and towns to reduce usage as compared to the amount used in 2013. These restrictions should consider the relative per capita water usage of each water suppliers' service area, and require that those areas with high per capita use achieve proportionally greater reductions than those with low use. The California Public Utilities Commission is requested to take similar action with respect to investor-owned utilities providing water services.

3. The Department of Water Resources (the Department) shall lead a statewide initiative, in partnership with local agencies, to collectively replace 50 million square feet of lawns and ornamental turf with drought tolerant landscapes. The Department shall provide funding to allow for lawn replacement programs in underserved communities, which will complement local programs already underway across the state.

4. The California Energy Commission, jointly with the Department and the Water Board, shall implement a time-limited statewide appliance rebate program to provide monetary incentives for the replacement of inefficient household devices.

5. The Water Board shall impose restrictions to require that commercial, industrial, and institutional properties, such as campuses, golf courses, and cemeteries, immediately implement water efficiency measures to reduce potable water usage in an amount consistent with the reduction targets mandated by Directive 2 of this Executive Order.

6. The Water Board shall prohibit irrigation with potable water of ornamental turf on public street medians.

7. The Water Board shall prohibit irrigation with potable water outside of newly constructed homes and buildings that is not delivered by drip or microspray systems.

8. The Water Board shall direct urban water suppliers to develop rate structures and other pricing mechanisms, including but not limited to surcharges, fees, and penalties, to maximize water conservation consistent with statewide water restrictions. The Water Board is directed to adopt emergency regulations, as it deems necessary, pursuant to Water Code section 1058.5 to implement this directive. The Water Board is further directed to work with state agencies and water suppliers to identify mechanisms that would encourage and facilitate the adoption of rate structures and other pricing mechanisms that promote water conservation. The California Public Utilities Commission is requested to take similar action with respect to investor-owned utilities providing water services.

INCREASE ENFORCEMENT AGAINST WATER WASTE

9. The Water Board shall require urban water suppliers to provide monthly information on water usage, conservation, and enforcement on a permanent basis.

10. The Water Board shall require frequent reporting of water diversion and use by water right holders, conduct inspections to determine whether illegal diversions or wasteful and unreasonable use of water are occurring, and bring enforcement actions against illegal diverters and those engaging in the wasteful and unreasonable use of water. Pursuant to Government Code sections 8570 and 8627, the Water Board is granted authority to inspect property or diversion facilities to ascertain compliance with water rights laws and regulations where there is cause to believe such laws and regulations have been violated. When access is not granted by a property owner, the Water Board may obtain an inspection warrant pursuant to the procedures set forth in Title 13 (commencing with section 1822.50) of Part 3 of the Code of Civil Procedure for the purposes of conducting an inspection pursuant to this directive.

11. The Department shall update the State Model Water Efficient Landscape Ordinance through expedited regulation. This updated Ordinance shall increase water efficiency standards for new and existing landscapes through more efficient irrigation systems, greywater usage, onsite storm water capture, and by limiting the portion of landscapes that can be covered in turf. It will also require reporting on the implementation and enforcement of local ordinances, with required reports due by December 31, 2015. The Department shall provide information on local compliance to the Water Board, which shall consider adopting regulations or taking appropriate enforcement actions to promote compliance. The Department shall provide technical assistance and give priority in grant funding to public agencies for actions necessary to comply with local ordinances.

12. Agricultural water suppliers that supply water to more than 25,000 acres shall include in their required 2015 Agricultural Water Management Plans a detailed drought management plan that describes the actions and measures the supplier will take to manage water demand during drought. The Department shall require those plans to include quantification of water supplies and demands for 2013, 2014, and 2015 to the extent data is available. The Department will provide technical assistance to water suppliers in preparing the plans.

13. Agricultural water suppliers that supply water to 10,000 to 25,000 acres of irrigated lands shall develop Agricultural Water Management Plans and submit the plans to the Department by July 1, 2016. These plans shall include a detailed drought management plan and quantification of water supplies and demands in 2013, 2014, and 2015, to the extent that data is available. The Department shall give priority in grant funding to agricultural water suppliers that supply water to 10,000 to 25,000 acres of land for development and implementation of Agricultural Water Management Plans.

14. The Department shall report to Water Board on the status of the Agricultural Water Management Plan submittals within one month of receipt of those reports.

15. Local water agencies in high and medium priority groundwater basins shall immediately implement all requirements of the California Statewide Groundwater Elevation Monitoring Program pursuant to Water Code section 10933. The Department shall refer noncompliant local water agencies within high and medium priority groundwater basins to the Water Board by December 31, 2015, which shall consider adopting regulations or taking appropriate enforcement to promote compliance.

16. The California Energy Commission shall adopt emergency regulations establishing standards that improve the efficiency of water appliances, including toilets, urinals, and faucets available for sale and installation in new and existing buildings.

INVEST IN NEW TECHNOLOGIES

17. The California Energy Commission, jointly with the Department and the Water Board, shall implement a Water Energy Technology (WET) program to deploy innovative water management technologies for businesses, residents, industries, and agriculture. This program will achieve water and energy savings and greenhouse gas reductions by accelerating use of cutting-edge technologies such as renewable energy-powered desalination, integrated on-site reuse systems, water-use monitoring software, irrigation system timing and precision technology, and on-farm precision technology.

STREAMLINE GOVERNMENT RESPONSE

18. The Office of Emergency Services and the Department of Housing and Community Development shall work jointly with counties to provide temporary assistance for persons moving from housing units due to a lack of potable water who are served by a private well or water utility with less than 15 connections, and where all reasonable attempts to find a potable water source have been exhausted.

19. State permitting agencies shall prioritize review and approval of water infrastructure projects and programs that increase local water supplies, including water recycling facilities, reservoir improvement projects, surface water treatment plants, desalination plants, stormwater capture, and greywater systems. Agencies shall report to the Governor's Office on applications that have been pending for longer than 90 days.

20. The Department shall take actions required to plan and, if necessary, implement Emergency Drought Salinity Barriers in coordination and consultation with the Water Board and the Department of Fish and Wildlife at locations within the Sacramento - San Joaquin delta estuary. These barriers will be designed to conserve water for use later in the year to meet state and federal Endangered Species Act requirements, preserve to the extent possible water quality in the Delta, and retain water supply for essential human health and safety uses in 2015 and in the future.

21. The Water Board and the Department of Fish and Wildlife shall immediately consider any necessary regulatory approvals for the purpose of installation of the Emergency Drought Salinity Barriers.

22. The Department shall immediately consider voluntary crop idling water transfer and water exchange proposals of one year or less in duration that are initiated by local public agencies and approved in 2015 by the Department subject to the criteria set forth in Water Code section 1810.

23. The Water Board will prioritize new and amended safe drinking water permits that enhance water supply and reliability for community water systems facing water shortages or that expand service connections to include existing residences facing water shortages. As the Department of Public Health's drinking water program was transferred to the Water Board, any reference to the Department of Public Health in any prior Proclamation or Executive Order listed in Paragraph 1 is deemed to refer to the Water Board.

24. The California Department of Forestry and Fire Protection shall launch a public information campaign to educate the public on actions they can take to help to prevent wildfires including the proper treatment of dead and dying trees. Pursuant to Government Code section 8645, $1.2 million from the State Responsibility Area Fire Prevention Fund (Fund 3063) shall be allocated to the California Department of Forestry and Fire Protection to carry out this directive.

25. The Energy Commission shall expedite the processing of all applications or petitions for amendments to power plant certifications issued by the Energy Commission for the purpose of securing alternate water supply necessary for continued power plant operation. Title 20, section 1769 of the California Code of Regulations is hereby waived for any such petition, and the Energy Commission is authorized to create and implement an alternative process to consider such petitions. This process may delegate amendment approval authority, as appropriate, to the Energy Commission Executive Director. The Energy Commission shall give timely notice to all relevant local, regional, and state agencies of any petition subject to this directive, and shall post on its website any such petition.

26. For purposes of carrying out directives 2–9, 11, 16–17, 20–23, and 25, Division 13 (commencing with section 21000) of the Public Resources Code and regulations adopted pursuant to that Division are hereby suspended. This suspension applies to any actions taken by state agencies, and for actions taken by local agencies where the state agency with primary responsibility for implementing the directive concurs that local action is required, as well as for any necessary permits or approvals required to complete these actions. This suspension, and those specified in paragraph 9 of the January 17, 2014 Proclamation, paragraph 19 of the April 25, 2014 proclamation, and paragraph 4 of Executive Order B-26-14, shall remain in effect until May 31, 2016. Drought relief actions taken pursuant to these paragraphs that are started prior to May 31, 2016, but not completed, shall not be subject to Division 13 (commencing with section 21000) of the Public Resources Code for the time required to complete them.

27. For purposes of carrying out directives 20 and 21, section 13247 and Chapter 3 of Part 3 (commencing with section 85225) of the Water Code are suspended.

28. For actions called for in this proclamation in directive 20, the Department shall exercise any authority vested in the Central Valley Flood Protection Board, as codified in Water Code section 8521, et seq., that is necessary to enable these urgent actions to be taken more quickly than otherwise possible. The Director of the Department of Water Resources is specifically authorized, on behalf of the State of California, to request that the Secretary of the Army, on the recommendation of the Chief of Engineers of the Army Corps of Engineers, grant any permission required pursuant to section 14 of the Rivers and Harbors Act of 1899 and codified in section 48 of title 33 of the United States Code.

29. The Department is directed to enter into agreements with landowners for the purposes of planning and installation of the Emergency Drought Barriers in 2015 to the extent necessary to accommodate access to barrier locations, land-side and water-side construction, and materials staging in proximity to barrier locations. Where the Department is unable to reach an agreement with landowners, the Department may exercise the full authority of Government Code section 8572.

30. For purposes of this Executive Order, chapter 3.5 (commencing with section 11340) of part 1 of division 3 of the Government Code and chapter 5 (commencing with section 25400) of division 15 of the Public Resources Code are suspended for the development and adoption of regulations or guidelines needed to carry out the provisions in this Order. Any entity issuing regulations or guidelines pursuant to this directive shall conduct a public meeting on the regulations and guidelines prior to adopting them.

31. In order to ensure that equipment and services necessary for drought response can be procured quickly, the provisions of the Government Code and the Public Contract Code applicable to state contracts, including, but not limited to, advertising and competitive bidding requirements, are hereby suspended for directives 17, 20, and 24. Approval by the Department of Finance is required prior to the execution of any contract entered into pursuant to these directives.

This Executive Order is not intended to, and does not, create any rights or benefits, substantive or procedural, enforceable at law or in equity, against the State of California, its agencies, departments, entities, officers, employees, or any other person.

I FURTHER DIRECT that as soon as hereafter possible, this Order be filed in the Office of the Secretary of State and that widespread publicity and notice be given to this Order.

IN WITNESS WHEREOF I have hereunto set my hand and caused the Great Seal of the State of California to be affixed this 1st day of April 2015.

EDMUND G. BROWN JR.
Governor of California

ATTEST:

ALEX PADILLA
Secretary of State

PROPOSED TEXT OF EMERGENCY REGULATION

Article 22.5. Drought Emergency Water Conservation.

Sec. 863. Findings of Drought Emergency.

(a) The State Water Resources Control Board finds as follows:

(1) On January 17, 2014, the Governor issued a proclamation of a state of emergency under the California Emergency Services Act based on drought conditions;

(2) On April 25, 2014, the Governor issued a proclamation of a continued state of emergency under the California Emergency Services Act based on continued drought conditions;

(3) On April 1, 2015, the Governor issued an Executive Order that, in part, directs the State Board to impose restrictions on water suppliers to achieve a statewide 25 percent reduction in potable urban usage through February ~~28,~~ 2016; require commercial, industrial, and institutional users to implement water efficiency measures; prohibit irrigation with potable water of ornamental turf in public street medians; and prohibit irrigation with potable water outside newly constructed homes and buildings that is not delivered by drip or microspray systems;

(~~3~~4) The drought conditions that formed the basis of the Governor's emergency proclamations continue to exist;

(~~4~~5) The present year is critically dry and has been immediately preceded by two or more consecutive below normal, dry, or critically dry years; and

(~~5~~6) The drought conditions will likely continue for the foreseeable future and additional action by both the State Water Resources Control Board and local water suppliers will likely be necessary to prevent waste and unreasonable use of water and to further promote conservation.

Authority: Section 1058.5, Water Code.
References: Cal. Const., Art., X § 2; Sections 102, 104, ~~and~~ 105, and 275, Water Code; *Light v. State Water Resources Control Board* (2014) 226 Cal.App.4th 1463.

Sec. 864. End-User Requirements in Promotion of Water Conservation.

(a) To prevent the waste and unreasonable use of water and to promote water conservation, each of the following actions is prohibited, except where necessary to address an immediate health and safety need or to comply with a term or condition in a permit issued by a state or federal agency:

(1) The application of potable water to outdoor landscapes in a manner that causes runoff such that water flows onto adjacent property, non-irrigated areas, private and public walkways, roadways, parking lots, or structures;

(2) The use of a hose that dispenses potable water to wash a motor vehicle, except where the hose is fitted with a shut-off nozzle or device attached to it that causes it to cease dispensing water immediately when not in use;

(3) The application of potable water to driveways and sidewalks; and

(4) The use of potable water in a fountain or other decorative water feature, except where the water is part of a recirculating system;

(5) The application of potable water to outdoor landscapes during and within 48 hours after measurable rainfall; ~~and~~

(6) The serving of drinking water other than upon request in eating or drinking establishments, including but not limited to restaurants, hotels, cafes, cafeterias, bars, or other public places where food or drink are served and/or purchased~~.~~;

(7) The irrigation with potable water of ornamental turf on public street medians; and

(8) The irrigation with potable water of landscapes outside of newly constructed homes and buildings ~~that is not delivered by drip or microspray systems~~in a manner inconsistent with regulations or other requirements established by the California Building Standards Commission.

(b) To promote water conservation, operators of hotels and motels shall provide guests with the option of choosing not to have towels and linens laundered daily. The hotel or motel shall prominently display notice of this option in each guestroom using clear and easily understood language.

(c) Immediately upon this subdivision taking effect, all commercial, industrial and institutional properties that use a water supply any portion of which is from a source other than ~~not served by~~ a water supplier ~~meeting the requirements of Water Code section 10617 or section 350~~ subject to section 865shall either:

(1) Limit outdoor irrigation of ornamental landscapes or turf with potable water to no more than two days per week; or

(2) Reduce potable water usage by 25 percent for the months of June 2015 through February 2016 as compared to the amount used for the same months in 2013.

(~~c~~d) The taking of any action prohibited in subdivision (a) or the failure to take any action required in subdivisions (b) or (c)~~, in addition to any other applicable civil or criminal penalties,~~ is an infraction, punishable by a fine of up to five hundred dollars ($500) for each day in which the violation occurs. The fine for the infraction is in addition to, and does not supersede or limit, any other remedies, civil or criminal.

Authority: Section 1058.5, Water Code.
References: Cal. Const., Art., X § 2; Sections 102, 104, ~~and~~ 105, 275, 350, and 10617, Water Code; *Light v. State Water Resources Control Board* (2014) 226 Cal.App.4th 1463.

Sec. 865. Mandatory Actions by Water Suppliers.

(a) As used in this section:

(1) "Distributor of a public water supply" has the same meaning as under section 350 of the Water Code.

(2) "R-GPCD" means residential gallons per capita per day.

(3) "Total potable water production" means all potable water that enters into a water supplier's distribution system, excluding water placed into storage and not withdrawn for use during the reporting period, or water exported outsider the supplier's service area.

(4) ~~The term~~ "~~u~~Urban water supplier~~,~~" ~~when used in this section, refers to~~means a supplier that meets the definition set forth in Water Code

section 10617, except it does not refer to suppliers when they are functioning solely in a wholesale capacity, but does apply to suppliers when they are functioning in a retail capacity.

~~(b)(1) To promote water conservation, each urban water supplier shall implement all requirements and actions of the stage of its water shortage contingency plan that imposes includes mandatory restrictions on the number of days that outdoor irrigation of ornamental landscapes or turf with potable water is allowed, or shall amend its water shortage contingency plan to include mandatory restrictions on the number of days that outdoor irrigation of ornamental landscapes or turf with potable water is allowed and implement these restrictions within forty-five (45) days. Urban water suppliers with approved alternate plans as described in subdivision (b)(2) are exempted from this requirement.~~

~~(2) An urban water supplier may submit a request to the Executive Director for approval of an alternate plan that includes allocation-based rate structures that satisfies the requirements of chapter 3.4 (commencing with section 370) of division 1 of the Water Code, and the Executive Director may approve such an alternate plan upon determining that the rate structure, in conjunction with other measures, achieves a level of conservation that would be superior to that achieved by implementing limitations on outdoor irrigation of ornamental landscapes or turf with potable water by the persons it serves to no more than two days per week.~~

~~(c) To promote water conservation, each urban water supplier that does not have a water shortage contingency plan that restricts the number of days that outdoor irrigation of ornamental landscapes and turf with potable water is allowed, or has been notified by the Department of Water Resources that its water shortage contingency plan does not meet the requirements of Water Code section 10632 shall, within forty-five (45) days, limit outdoor irrigation of ornamental landscapes or turf with potable water by the persons it serves to no more than two days per week.~~

(~~d~~b) In furtherance of the promotion of water conservation each urban water supplier shall:

(1) Provide prompt notice to a customer whenever the supplier obtains information that indicates that a leak may exist within the end-user's exclusive control.

(2) Prepare and submit to the State Water Resources Control Board by the 15th of each month a monitoring report on forms provided by the Board. The monitoring report shall include the amount of potable water the urban water supplier produced, including water provided by a wholesaler, in the preceding calendar month and shall compare that amount to the amount produced in the same calendar month in 2013. The monitoring report shall specify the population served by the urban water supplier, the percentage of water produced that is used for the residential sector, descriptive statistics on water conservation compliance and enforcement efforts, ~~and~~ the number of days that outdoor irrigation is allowed, and monthly commercial ~~sector use~~, ~~monthly~~ industrial ~~sector use~~, and ~~monthly~~ institutional sector use. The monitoring report shall also estimate the gallons of water per person per day used by the residential customers it serves.

(c)(1) To prevent the waste and unreasonable use of water and to meet the requirements of the Governor's April 1, 2015 Executive Order, each urban water supplier shall reduce its total potable water production by the percentage identified as its

conservation standard in this subdivision. Each urban water supplier's conservation standard considers its service area's relative per capita water usage.

(2) Each urban water supplier whose source of supply does not include groundwater or water imported from outside the hydrologic region in which the water supplier is located, and that ~~received average annual precipitation in~~ has a minimum of four years' reserved supply available may~~, notwithstanding its average July-September 2014 R-GPCD,~~ submit ~~for~~to the Executive Director for approval a request that, in lieu of the reduction that would otherwise be required under paragraphs (3) through (10), the urban water supplier shall ~~to~~ reduce its total potable water ~~usage~~production by 4 percent for each month as compared to the amount used in the same month in 2013. Any such request shall be accompanied by information showing that the supplier's sources of supply do not include groundwater or water imported from outside the hydrologic region and that the ~~supplier's service area received average annual precipitation in 2014~~supplier has a minimum of four years' reserved supply available.

(3) Each urban water supplier whose average July-September 2014 R-GPCD was less than 65 shall reduce its total potable water ~~usage~~production by 8 percent for each month as compared to the amount used in the same month in 2013.

(4) Each urban water supplier whose average July-September 2014 R-GPCD was ~~between~~ 65 or more but less than 80~~and 79.9~~ shall reduce its total potable water ~~usage~~production by 12 percent for each month as compared to the amount used in the same month in 2013.

(5) Each urban water supplier whose average July-September 2014 R-GPCD was ~~between~~ 80 or more but less than 95~~and 94.9~~ shall reduce its total potable water ~~usage~~production by 16 percent for each month as compared to the amount used in the same month in 2013.

(6) Each urban water supplier whose average July-September 2014 R-GPCD was ~~between~~ 95 or more but less than 110~~and 109.9~~ shall reduce its total potable water ~~usage~~production by 20 percent for each month as compared to the amount used in the same month in 2013.

(7) Each urban water supplier whose average July-September 2014 R-GPCD was ~~between~~ 110 or more but less than 130~~and 129.9~~ shall reduce its total potable water ~~usage~~production by 24 percent for each month as compared to the amount used in the same month in 2013.

(8) Each urban water supplier whose average July-September 2014 R-GPCD was ~~between~~ 130 or more but less than 170~~and 169.9~~ shall reduce its total potable water ~~usage~~production by 28 percent for each month as compared to the amount used in the same month in 2013.

(9) Each urban water supplier whose average July-September 2014 R-GPCD was ~~between~~ 170 or more but less than 215~~and 214.9~~ shall reduce its total potable water ~~usage~~production by 32 percent for each month as compared to the amount used in the same month in 2013.

(10) Each urban water supplier whose average July-September 2014 R-GPCD was ~~greater than~~ 215 or more shall reduce its total potable water ~~usage~~production by 36 percent for each month as compared to the amount used in the same month in 2013.

(d)(1) Beginning June 1, 2015, each urban water supplier shall comply with the conservation standard specified in subdivision (c).

(2) Compliance with the requirements of this subdivision shall be measured monthly and assessed on a cumulative basis.

(e) Each urban water supplier that ~~serves~~provides 20 percent or more of its total potable water production for commercial agricultural use meeting the definition of Government Code section 51201, subdivision (~~a~~b) may subtract the amount of water supplied for commercial agricultural use from its potable water production total, provided ~~that~~ the supplier complies with the Agricultural Water Management Plan requirement of paragraph 12 of the April 1, 2015 Executive Order. Each urban water supplier that serves 20 percent or more of its total potable water production for commercial agricultural use meeting the definition of Government Code section 51201, subdivision (~~a~~b) shall certify that the agricultural uses it serves meet the definition of Government Code section 51201, subdivision (~~a~~b), and shall report its total potable water production pursuant to subdivision (b)(2), identifying the total amount of water supplied for commercial agricultural use.

(~~e~~f)(1) To prevent waste and unreasonable use of water and to promote water conservation, each distributor of a public water supply~~, as defined in Water Code section 350,~~ that is not an urban water supplier shall~~, within forty-five (45) days,~~ take one or more of the following actions:

(~~1~~A) Limit outdoor irrigation of ornamental landscapes or turf with potable water by the persons it serves to no more than two days per week; or

(~~2~~B) Implement another mandatory conservation measure or measures intended to achieve a ~~20~~25 percent reduction in potable water consumption by the persons it serves relative to the amount consumed in 2013.

(2) Each distributor of a public water supply~~, as defined in Water Code section 350,~~ that is not an urban water supplier shall submit a report by December 15, 2015, on a form provided by the Board, that ~~includes:~~either confirms compliance with subdivision (f)(1)(A) or identifies ~~:~~

~~(A)~~ total potable water production, by month, from June through November, 2015, and total potable water production, by month, for June through November 2013~~; or~~

~~(B) Confirmation that the distributor limited outdoor irrigation of ornamental landscapes or turf with potable water by the persons it serves to no more than two days per week~~.

Authority: Section 1058.5, Water Code.
References: Cal. Const., Art., X § 2; Sections 102, 104, 105, 275, 350, 1846, 10617 and 10632, Water Code; *Light v. State Water Resources Control Board* (2014) 226 Cal.App.4th 1463.

Sec. 866. Additional Conservation Tools.

(a)(1) To prevent the waste and unreasonable use of water and to promote conservation, when a water supplier does not meet its conservation standard required by section 865 the Executive Director, or ~~his~~the Executive Director's designee, may issue conservation orders requiring additional actions by the supplier to come into compliance with its conservation standard.

(2) ~~All conservation orders~~A decision or order issued under this article by the board or an officer or employee of the board ~~shall be~~is subject to reconsideration under article 2 (commencing with section 1122) of chapter 4 of part 1 of division 2 of the California Water Code.

(b) The Executive Director, or his designee, may issue an informational order requiring water suppliers, or commercial, industrial or institutional properties that receive any portion of their supply from a source other than~~not served by~~ a water supplier ~~meeting the requirements of Water Code section 10617 or section 350~~subject to section 865, to submit additional information relating to water production, water use or water conservation ~~beyond that required to be reported pursuant to the other provisions of this article~~. The failure to provide the information requested within 30 days or any additional time extension granted is a violation subject to civil liability of up to $500 per day for each day the violation continues pursuant to Water Code section 1846.

Authority: Section 1058.5, Water Code.
References: Cal. Const., Art., X § 2; Sections 100, 102, 104, 105, 174, 186, 187, 275, 350, 1051, 1122, 1123, 1825, 1846, 10617 and 10632, Water Code; *Light v. State Water Resources Control Board* (2014) 226 Cal.App.4th 1463.

DRAFT

Dublin San Ramon Services District
Summary & Recommendation

Agenda Item 9C

Reference	Type of Action	Board Meeting of
Administrative Services Manager	Discuss & Provide Direction	May 5, 2015

Subject
Discuss Draft Financial Reserves Policy and Provide Direction

☐ Motion	☐ Minute Order	☐ Resolution	☐ Ordinance	☒ Informational	☐ Other
REPORT:	☐ Verbal	☐ Presentation	☒ Staff	J. Archer	☐ Board Member

Recommendation:

The Administrative Services Manager recommends the Board of Directors review and, by Consensus, provide direction for the proposed changes to the Financial Reserves policy.

Summary:

The Financial Reserves policy was established to provide guidance for the prudent accumulation and management of certain designated reserves. The policy has been used for several years and has served the District well during that time. There are concerns with the current approach to setting replacement targets, they are outlined in the attached staff report.

The proposed changes to the policy are included in the attached redline version of the policy. The proposed changes have been included in the CIP charts and tables that are being presented this evening.

The final policy will be submitted for approval with the budget on June 2, 2015.

Committee Review			Legal Review	Staff Review		
COMMITTEE	DATE	RECOMMENDATION		ORIGINATOR	DEPARTMENT	REVIEWED BY
---	---	---	No	J. Archer	Admin Services	

ATTACHMENTS ☐ *None*

☐ Resolution	☐ Minute Order	☐ Task Order	☒ Staff Report	☐ Ordinance

☒ Cost $0	☐ Funding Source A. B.	Attachments to S&R 1. Redline version of Financial Reserves policy 2. 3.

Overview

The Financial Reserves policy was established to provide guidance for the prudent accumulation and management of certain designated reserves. The policy has been used for several years and has served the District well during that time. There are concerns with the current approach to setting replacement targets in that they:

- Are based on too short of a time frame for the types of very long-lived assets in service at the District;
- Are currently somewhat "circular" in their logic and should be restated in a different format;
- Do not fully account for the current condition assessment of existing assets;
- Do not fully account for a sophisticated asset management approach including determinations of which assets should strategically be renewed vs. replaced vs. run to failure;
- Do not address "generational equity" of current ratepayers having paid for the original asset as well as its replacement;
- Implicitly assume all future replacement (including some very major projects) will be funded "Pay as You Go"; and
- Determination of a prudent "transition period" to the new funding levels to minimize short term rate-shocks.

The resolution of all these issues will take significant discussion at the policy level and cannot be completed in the time frame of FYE 2016 and FYE 2017 budget adoption. Furthermore, once the policy discussions are complete, the District needs to make further progress with asset management condition assessment efforts to fully load the financial model. The first two items however, are more easily addressed and have been incorporated into a "bridge policy" to be used until a more robust policy discussion can occur and better asset management data becomes available.

Replacement and Improvement Reserves

The current policy dictates that the working capital target used to guide the capital spending in the Replacement and Improvement funds is based on the average spending over the subsequent six year planning period. Staff recognizes the potential weakness in this methodology and has proposed some changes to the policy. Significant swings in the targeted fund balance, based solely on projected spending in the short term, could occur. The proposed changes noted below would become effective this year with budget adoption.

In order to develop the next level of this policy several significant policy level discussions need to occur:

- Does the board support the issuance of debt to fund replacement projects?
- How should intergeneration equity be handled?
    - How much of major rehabilitation and replacement projects should be funded from existing ratepayers (pay as you go)?
    - How much of the projects should be debt funded?
- How aggressively do we want to transition to the funding level appropriate for current ratepayers?

For the intermediate term, the overall funding plan for the current ten year plan is adequate. Staff recognizes that changes in spending and funding will develop more rapidly in the future which will need to be addressed by a final policy based on some policy direction on the issues below, combined with further development of the asset management program over the next 3-5 years..

The key changes for the "bridge policy" which assures financial prudence and stability are as follows:

1. The projected spending should be based on a longer planning horizon to minimize swings due to the concentration of projects in narrow time windows. Increasing the horizon for the current six year to a 15 year horizon by using a combination of the 10-Year Capital Improvement Plan (CIP) as well as long-term projections from the asset management program staff will utilize the next 15 years spending as the basis of the calculation of average annual spending. This longer planning horizon will eliminate the impact of a one year spike in spending and account for potential increases in spending over time as assets age. It will also allow staff to look at spending beyond the 10 year CIP planning horizon and incorporate the long term planning information from the Asset Management program.
2. The minimum reserve target will continue to be two years of average approved spending over the 15 years projections discussed in item 1 above to calculate the "average annual amount". Use of two year target is considered adequate because we currently use a two year budget and planning cycle. Maintaining two years of reserves at the start and end of each fiscal year will allow staff to react to any significant changes in financial or environmental conditions in the interim period between budgets while allowing completion of urgent projects.
3. It is also recognized that there is a long term planning component of this process previously not explicitly recognized. Our 10-year CIP includes a 10 year outlook of cash flows and balances. Each budget cycle, staff should evaluate the relative long term health of each Replacement and Improvement fund over the planning period. Using methodologies such as discounted cash flows or the estimated current values of assets may be part of the process. Staff should evaluate the reasonableness of projected future

replacement transfers (which are based on rate revenue) based on projected spending and development (buy-in component of capacity fees). Staff recognizes that replacement spending over time will increase as new utility assets depreciate, and capacity revenue will decrease. Therefore it is critical to identify revenue requirements early in the process. Early identification will allow for smooth rates increases or debt financing in a timely manner.

Expansion Reserves

The current Reserve policy for the Expansion funds calls for minimum target of two years of debt spending. We propose changing the amount to the greater of the two years of debt or the next two years of approved spending in the fund. Because expansion projects are funded and constructed as new development occurs, if there is a sudden decrease in development activity and concurrent reduction in expansion fee revenues, planned expansion projects not needed to serve slowing development can be immediately postponed until needed. The two year minimum of resources on hand ensures that any expansion projects under construction or that are imperative to be constructed within the two year budget window can be funded, even in the face of declining expansion revenue. Project needs and funding revenue can be reassessed at the next two year budget cycle. This increase in the target will ensure at least a minimal component is available for capital in addition to the debt amount.

Specific Policy Revisions

The proposed changes to the policy are included in the attached redline copy of the policy. The proposed changes have been included in the CIP charts and tables that are being presented this evening.

The final policy will be submitted for approval with the budget on June 2, 2015.

Attachments

A- Redlined Policy

POLICY

Dublin San Ramon Services District

Policy No.:	P400~~-14-5~~	**Type of Policy:**	Finance
Policy Title:	Financial Reserves		
Policy Description:	Provides guidance for the prudent accumulation and management of designated reserves		

Approval Date:	~~Nov~~ June 2~~18~~, 2015~~4~~	**Last Review Date:**	20~~14~~
Approval Resolution No.:	~~73-14~~	**Next Review Date:**	20~~18~~
Rescinded Resolution No.:	~~48-12~~73-14	**Rescinded Resolution Date:**	Nov 18, 2014~~Dec 3, 2012~~

It is the Policy of the Board of Directors of Dublin San Ramon Services District:

To designate financial reserves in order to protect the District's investment in its various assets, satisfy its commitments under its numerous financial, regulatory and contractual obligations and to stabilize long-term rates for its customers.

Designated reserves are earmarked by the Board of Directors for purposes such as funding new capital facilities, construction, repair, replacement or refurbishment of existing facilities, rate stabilization, emergency and operating reserves. These funds can be utilized at the discretion of the District. The Board can change fund designations at any time. Designated reserves are different than restricted funds, which are used strictly to meet requirements established by creditors, grant agencies or law. Reserves held by a third-party as bond reserves or for pension obligations are examples of restricted reserves; the District has no discretion as to the use of these funds.

If the District is contractually obligated to hold additional reserves, the more stringent requirement takes precedence. In addition, if there is a declared emergency, the General Manager may utilize any unrestricted funds in accordance with the emergency purchasing policy.

To accomplish these objectives, the District shall adhere to the following:

Operating Reserves

Purpose: The purpose of Operating reserves (referred to as working capital) is to ensure adequate cash is available when needed to pay the District's normal and recurring operating costs.

Use of Funds: Funds are utilized throughout the year in order to meet the District's operating obligations.

Target: Working capital equal to four months of budgeted operating expenses in each operating fund.

Minimum: Two months of budgeted operating expenses in each operating fund. If reserves fall below this level, the District's Rate Policies and Guidelines outline additional steps that shall be followed.

Maximum: Six months of budgeted operating expenses in each operating fund. If reserves are above this level at fiscal year end, the excess funds shall be moved into the Enterprise's Rate Stabilization Fund.

Reporting: Working capital for each of the Enterprise's operating funds shall be reported in the District's monthly financial reports.

Rate Stabilization Fund Reserves

Purpose: The purpose of Rate Stabilization Fund (RSF) Reserves is to support the Board's strategic goal to manage public funds to assure financial stability, including stability of revenues and the rates and charges related to each Enterprise.

Over the course of time, the District will have years where there is a financial surplus above the working capital target for one or more of the District's Enterprises, and years when unexpected events may cause reserves to decrease below the target. The Rate Stabilization fund allows the District to manage these different sets of circumstances.

Use of Funds: Each Enterprise's Rate Stabilization reserves are assessed at fiscal year-end.

- If the reserves in any Operating fund has decreased below the working capital target, a transfer from the Rate Stabilization fund to the corresponding Operating fund of no more than one-quarter of the Rate Stabilization fund's balance shall be made in an effort to bring the Operating fund back to its working capital target.

- If any Enterprise fund has exceeded its working capital target by an amount equal to an additional two months of working capital, the General Manager shall direct the Treasurer to transfer the excess working capital from the Enterprise fund to the Rate Stabilization fund for that Enterprise.
- The Board may also budget use of these funds for other purposes.

Target: Four months of the related Enterprise Fund's budgeted operating expenses.

Minimum: Two months of the related Enterprise Fund's budgeted operating expenses.

Maximum: If the combined total of the Operating and the corresponding RSF exceeds 12 months working capital, the General Manager will make a recommendation to the Board of Directors as to how the funds should be used.

Reporting: The General Manager shall report annually to the Board of Directors on the results of the assessment.

Capital Asset Replacement & Improvement Reserves

Purpose: The purpose of Capital Asset Replacement & Improvement reserves is to ensure that adequate funds are available to purchase new capital assets that benefit current ratepayers, to fund replacements, improvements and major refurbishments to existing capital assets and to provide two year's debt service for debt which the Board has allocated to this fund.

Use of Funds: Funds are utilized in accordance with the budget adopted by the Board of Directors.

~~**Target**~~**Minimum**:[DM1] The minimum ~~R~~replacement reserve ~~targets~~ shall consist of the sum of the following~~ree~~ components:

~~1) An emergency reserve of 1% of the replacement value of the fund's capital assets; and~~

~~2~~1)An amount based on the 15 year cost projections included in the District's Replacement Planning Model and the District's 10-year Capital Improvement Plan which is equal to two times average annual ~~the greater of the average six-year~~ expense ~~projections in the District's Replacement Planning Model or the District's 10-year Capital Improvement Plan~~; and

2~~3~~)A debt reserve of two year's average debt service (or for any debt that has less than two years remaining, the entire remaining amount).

~~**Minimum:**~~ [DM2] ~~A minimum reserve consists of the first and third of the above elements.~~

~~**Maximum**: Two times the target.~~

Revisions: It is the intent of the Board that this the Capital Asset and Replacement & Improvement reserve section of this policy be a "bridge policy" and that asset-management driven changes be made to the policy as the condition assessment of District assets and strategies for managing those assets become better understood.

Reporting: The General Manager shall report annually to the Board of Directors on the results of the assessment~~.~~

Capital Expansion Reserves

Purpose: The purpose of Capital Expansion Reserves is to minimize the need for ratepayers to pay for expansion debt by having sufficient reserves on hand to pay annual debt service on District bonds or loans for a two-year period

Use of Funds: Funds are utilized in accordance with the budget adopted by the Board of Directors and applicable laws related to use of Capacity Reserve Fees.

Target: Two years of average debt service (or for any debt that has less than two years remaining, the entire remaining amount) charged to the Expansion fund, plus two years of expansion project spending as projected in the District's most current two-year Capital Improvement budget.

Minimum: A minimum reserve consists the greater of of the reserve for the debt service or the next two years of planned expansion projects.~~.~~

Maximum: There is no maximum reserve in this fund; capacity reserve fees may be accumulated and used for their intended purpose with no maximum reserve limitation.

Reporting: The General Manager shall report annually to the Board of Directors on the results of the assessment.

Dublin San Ramon Services District
Summary & Recommendation

Agenda Item 9D

Reference	Type of Action	Board Meeting of
Administrative Services Manager	Receive Presentation & Provide Direction	May 5, 2015

Subject
Review Operating Budgets for Fiscal Years Ending 2016 and 2017

☐ Motion	☐ Minute Order	☐ Resolution	☐ Ordinance	☒ Informational	☐ Other
REPORT:	☐ Verbal	☒ Presentation	☒ Staff	J. Archer	☐ Board Member

Recommendation:

The Administrative Services Manager recommends the Board of Directors review and, by Consensus, provide direction for the Operating Budgets for Fiscal Years Ending 2016 and 2017.

Summary:

The Board will receive an in-depth presentation of the FYE 2016 and FYE 2017 Operating Budgets at tonight's meeting. The Operating Budgets incorporate the proposed funding amounts from the separately presented Capital Improvement Program Budgets, the details of which are a separate agenda item at this Board meeting. The Operating Budgets remain a "work in progress" and are still being reviewed by District management. This would be an appropriate time for the Board to provide guidance to management about any aspect of the Operating Budgets so that they can be finalized. All costs items identified on April 21, 2015 in the Strategic Work Plan are incorporated herein, as are costs for direction given by the Board on March 17, 2015 when the Board discussed conceptual budget issues. Finally, as directed, the budget addresses strategically eliminating the District's currently unfunded pension liability over this budget cycle and increased transfers to the Water Replacement Fund for the recycled water facilities that have been in operation for over ten years.

Attachment 1 summarizes, at a high level, the effect of the Budgets on Net Assets held by the District in its various funds, as well as presents information as to how those Net Assets amounts comply with the adopted Financial Reserves policy and bond coverage ratio levels. Attachment 2 summarizes the proposed Capital Outlay Program for the next two fiscal years. Attachment 3 presents the Budget summarized at an operating division level, as well as provides total detail for the Board's review on every proposed expenditure item. Finally, Attachment 4 is the current draft of the presentation that will be made to the Board to facilitate discussion of the Budgets.

In summary, the enterprise funds for water and regional sewer are operating at a net surplus, while the local sewer fund reflects a minor use of reserves. Fund balances for all Operating funds are above minimum policy targets, although not fully at all reserve target levels. The Expansion and Replacement funds will be discussed in more depth with the next agenda item but present no substantive issues in terms of reserve levels during this budget cycle.

With the Board's approval this evening, a formal staff report and budget adoption will be prepared and presented at the June 2, 2015 meeting. Upon adoption of the budget, the full budget document will be completed and posted on the District's web site.

Committee Review			Legal Review	Staff Review		
COMMITTEE	DATE	RECOMMENDATION		ORIGINATOR	DEPARTMENT	REVIEWED BY
---	---	---	No	J. Archer	Admin Services	

ATTACHMENTS ☐ *None*

☐ Resolution	☐ Minute Order	☐ Task Order	☒ Staff Report	☐ Ordinance

☒ Cost 2016 -- $55.0M 2017 -- $55.5M	☐ Funding Source A. B.	Attachments to S&R 1. Estimated Changes in Net Assets 2. Capital Outlay Summary 3. Proposed Division Budget Summary and Detail 4. Presentation - Bienniel Operating Budget

Overview

Budget Development

District staff initiated a comprehensive budget planning process that integrated the capital budget process with the operating budget schedule. The process started with development of conservative revenue estimates for the ensuing two fiscal years along with estimated expenses for the same period. In February, the General Manager provided guidance to all staff regarding the development of budgets and District supervisors prepared detailed budgets for their divisions. Senior managers reviewed and edited the details as appropriate. Detail review by the General Manager is currently in process, some internal compliance and consistency review remains to be completed.

The Board provided staff with direction at the March 17, 2015 for items that should be considered as part of the budget process. One major topic was to review the potential pay down of the CalPERS unfunded liability. The Financial Affairs Committee asked staff to develop for further review a payoff schedule between three to five years with the first payment to be made prior to June 30, 2015. Staff has included a proposal in the budget presentation that will meet the guidelines requested by the Financial Affairs Committee.

Tonight's presentation will highlight key assumptions, strategic initiatives and the impact of items identified by the Board.

Summary

A summary of the results of this process is contained in the 11x17 sheets titled "Estimated Change in Net Assets"; also referred to as the Fund Balance spreadsheet. Note that the 11X17 worksheets include calculations of all the Board financial reserve targets for Fiscal Years Ending (FYE) 2016 and 2017.

Overall (excluding replacement transfers and CalPERS payments) the FYE 2016 expense budget is $41,000 less than the approved FYE 2015 expense budget. The FYE 2017 expense budget is $419,000 or 0.7% greater than the FYE 2015 expense budget.

	FYE15 Budget	FYE15 Projection	FYE16 Budget	% Increase over FYE15 Projection	FYE17 Budget	% Increase over FYE16 Budget
Operating Revenues						
Service Charges	45,514,526	44,714,526	47,658,510	*6.58%*	50,262,676	*5.46%*
Capacity Reserve Fees	21,262,833	21,262,833	15,963,939	*-24.92%*	22,249,059	*39.37%*
Other Revenue	5,632,414	5,632,414	5,967,346	*5.95%*	5,944,124	*-0.39%*
Operating Expenses						
Personnel Costs	20,548,611	18,548,611	19,984,391	*7.74%*	20,709,683	*3.63%*
Water, Chemicals, Utilities & Materials	12,874,914	11,574,914	13,641,430	*17.85%*	14,093,369	*3.31%*
Contracts	5,215,824	5,215,824	6,007,182	*15.17%*	5,548,269	*-7.64%*
JPA O&M	4,081,531	4,081,531	3,962,899	*-2.91%*	3,962,899	*0.00%*
Debt	11,147,351	11,147,351	11,133,862	*-0.12%*	11,134,086	*0.00%*
Capital Outlay	1,182,659	1,178,500	573,000	*-51.38%*	322,900	*-43.65%*
Total O&M	**55,050,890**	**51,746,731**	**55,302,764**	**6.87%**	**55,771,206**	**0.85%**
Replacement Allocations	5,362,461	5,362,461	6,862,461	*27.97%*	6,862,461	*0.00%*

Review

Items Identified for Consideration by the Board on March 1, 2015

- Education Programs - See Strategic work plan 3.03.01; $7,500 included in the Public Information division budget;
- Televise Board of Directors Meeting - See Strategic work plan 3.03.04; $100,000 included the CIP (T16-63); funds included for improvement to current recording capabilities;
- Water Quality - As directed, efforts deferred until after the drought;
- Water Reliability - See Strategic work plan 2.01.02; 2.01.03; and 2.04.01; $250,000 in FYE 2016 and 2017 included in the CIP (T16-43);
- Biosolids - See Strategic work plan 2.06.01 and 2.06.05; $50,000 included in FYE 2016 and 2017 CIP07-3201;
- PERS Liability - See Strategic work plan 1.02.02; $5,000,000 annual payments are included in proposed budget as part of three year plan to fully fund the liability (see below for further details);

- Technology for Board Members - Consensus - members to bring own devices; and
- Indirect Potable Reuse - See Strategic work plan 2.01.06; $100,000 in FYE 2016 and $200,000 in FYE 2017 included in the CIP (T16-66).

Strategic Work Plan Expenditures

All expenditures needed to accomplish the Strategic Work Plan, as presented to the Board on April 21, 2015 have been incorporated herein. It should be noted that on April 21, 2015 the anticipated expense for the preparation of the 2015 Urban Water Management Plan was presented to the Board as $100,000. That amount has been increased to $400,000 which is in line with what the District spent preparing the 2005 and 2010 versions of that Plan.

Payoff of CalPERS Unfunded Liability

The Financial Affairs Committee directed staff to investigate the possibility of paying off the liability estimated to be $17.98 at the end of June 30, 2015 within a three to five year time frame. Staff has included a plan that includes payment of $5,000,000 at the end of each year, beginning with the current year (FYE15). The payment is not listed as an operating expense but instead is shown as a reduction of beginning fund balances. The projected fund balances allow for the payment while remaining in compliance with reserve policy.

Unfunded PERs Projection					
Pension Liability		**2016 ***	**2017**	**2018**
Unfunded balances	17,983,814	12,983,814	8,036,810	2,195,840
Approx % Unfunded)	*24%*	*17%*	*10%*	*3%*
Payment- Lump Sum		5,000,000	5,000,000	1,200,000
Annual Payments				
Payment at 30 Year Term	Current Rate	856,549	994,168	994,168
Sum of payments		5,856,549	5,994,168	2,194,168
Interest cost		909,545	153,198	125
Unfunded Balance		8,036,810	2,195,840	1,797
Projected PERS Fund Balance		74,932,558	80,926,726	83,120,894
**** Assumes $5 M payment before the end of FYE 2015***				

It is recommended that the proposed payment amounts be included in the 2016 and 2017 budget. The liability reduction will have a net effect of reducing annual operating expenditures

in year 2018 and beyond by $994,000 which are not yet built into the budget pending direction from the Board.

Funding of Recycled Water Replacement

The District has accelerated its expansion of the recycled water services over the last few years to in response to the drought and to meet the demand of customers. Funds used for these projects need to be replenished. As a result of the system expansion as well as the drought, sales of recycled water have increased significantly.

It is recommended that recycled water replacement funding be increased by $1,500,000 annually during the term of this budget. The additional recycled sales will provide the funding, will strengthen the reserves of the water replacement and improvement fund, and minimize the potential future impact on rates for the future replacement of the system.

Staffing

Our current staffing level in FYE15 is 113.00 Full Time Equivalent (FTE). The proposed staffing for FYE 2016 and 2017 is also 113 (FTE). The four senior manager positions have been reduced to three and one new field operations staff has been added to the budget. Salary increases are estimated at 2.5% per year based on CPI estimates used by the State of California. CalPERS Retirement costs are estimated using projections from CalPERS actuarial valuation report which is 15.67% and 16.31% of salary in 2016 and 2107 respectively. PEPRA remains at 6.25% of salary for employees under PEPRA. OPEB contributions are estimated at 6.43% of salary in each year based on our last actuarial valuation.

Capital Outlay

Unlike any other expenses, capital assets (generally vehicles and equipment) currently require separate identification and approval by the Board. The capitalization limit is $10,000 per item. Staff has continued and improved on an interdivisional process used the last few years in assessing capital outlay requests so that they could be categorized and budgeted properly. Engineering staff met with each of the Operations' supervisors to evaluate equipment or processes and together they created a list of items to be requested in the upcoming budget. The Operations and Engineering managers reviewed the list and each item was ranked based on three criteria to determine which items should have the highest priority; the list has been reviewed by the General Manager. The total capital outlays of $573,000 and $322,900 is approximately in line with the average of the last two fiscal year capital outlay budgets of $827,000. The budget for capital outlay is shown as a separate line item on the 11x17 fund balance spreadsheet. A summary list of capital outlay items along with a written justification form for each request are included for your review.

Division Detail Expenditures

Included with this package is a detail list of each line item included in the proposed division budget. This list is subject to further review by management. Final details including any direction received tonight from the Board will be incorporated into the final budget presentation on June 2, 2015.

Reserve Policy Compliance

All operating funds (Enterprise plus Rate Stabilization (RSF)) are above the minimum target levels required by board policy including the impact of proposed funding for CalPERS unfunded liability and increased Replacement funding. Regional Operations, while above minimum is below the targets in FYE 2017. It is recommended that the funding of Regionals share of the CalPERS unfunded liability be reviewed in 2017 and staff be directed to determine if borrowing from Regional Replacement fund may be a more appropriate use of the funds at that time. Interfund borrowing would be recorded and repaid in annual payments from Operations to Replacement.

Next Steps

Management will continue to review the substance of the budget and Finance staff will continue to review details for accuracy and completeness. A final and complete budget package including any directions provided this evening will be presented to the Board for formal consideration on June 2, 2015.

Estimated Change in Net Assets

FYE 2016 OPERATING BUDGET (LEVEL 3)	Local Wastewater Enterprise 200	Local Wastewater RSF 205	Local Wastewater Replacement 210	Local Wastewater Expansion 220	Regional Wastewater Enterprise 300	Regional Wastewater RSF 305	Regional Wastewater Replacement 310	Regional Wastewater Expansion 320	Water Enterprise 600	Water RSF 605	Water Replacement 610	Water Expansion 620	Administrative Cost Center 900	OPEB 965	DV Standby District 995	Total
Working Capital July 1, 2015 (estimate from projected FYE15)	1,023,299	598,447	9,320,073	5,543,358	7,785,794	7,785,794	16,987,440	37,250,249	9,603,441	9,603,441	13,969,852	15,056,223	-	228,699	893,405	135,649,516
Payment of Internal Receivable				8,294				130,431.40				(264,137)	125,412			-
CalPERS Liability	(50,238)			(134,802)	(2,755,259)			(27,704.00)	(1,804,829)		(227,168)					(5,000,000)
Draw from CERBT														782,545		782,545
Adjusted Working Capital	973,061	598,447	9,320,073	5,416,850	5,030,535	7,785,794	16,987,440	37,352,976	7,798,612	9,603,441	13,742,684	14,792,086	125,412	1,011,244	893,405	131,432,062
Revenues:																
Zone 7 Revenue (600.1.150.10)									*10,412,805*							10,412,805
DSRSD Fixed Charge (600.1.150.10)									*6,472,584*							6,472,584
DSRSD Potable Revenue (600.1.150.10)									*4,623,182*							4,623,182
DSRSD Recycled Revenue (600.1.150.30)	-	-	-	-	-	-	-	-	*3,761,298*	-	-	-	-	-	-	3,761,298
Power Charge Revenue (600.1.150.35)	-	-	-	-	-	-	-	-	*732,493*	-	-	-	-	-	-	732,493
Dublin Sewer Service Charge (1.110.10)	*1,879,779*	-	-	-	*7,777,836*	-	-	-	-	-	-	-	-	-	-	9,657,615
San Ramon Sewer Service Charge (1.110.30)	*429,201*	-	-	-	*1,854,146*	-	-	-	-	-	-	-	-	-	-	2,283,347
Pleasanton Sewer Serice Charge (1.110.20)	-	-	-	-	*9,551,504*	-	-	-	-	-	-	-	-	-	-	9,551,504
Miscellaneous Revenues																
Pretreatment/Lab Tests- DSRSD (1.110.40)	-	-	-	-	*66,783*	-	-	-	-	-	-	-	-	-	-	66,783
Pretreatment/Lab Tests- Pleasanton (1.110.45)	-	-	-	-	*96,898*	-	-	-	-	-	-	-	-	-	-	96,898
Total Service Charges	2,308,980	-	-	-	19,347,168	-	-	-	26,002,363	-	-	-	-	-	-	47,658,510
Capacity Reserve Fees	-	-	296,752	288,558	-	-	1,033,114	6,820,299	-	-	2,046,528	5,478,688	-	-	-	15,963,939
Other Revenues		-	-	444,000	497,000	-	-	43,063	533,099	562,435	3,875	1,219,256	1,134,461		1,530,156	5,967,346
Interest (*as adjusted/proposed*)	1,788	2,901	44,349	26,336	44,510	31,783	69,159	225,810	54,608	32,119	35,243	79,874	-	11,263	-	659,744
Total Revenues	2,310,768	2,901	341,101	758,894	19,888,678	31,783	1,102,273	7,089,173	26,590,070	594,555	2,085,647	6,777,818	1,134,461	11,263	1,530,156	70,249,540
Transfers In:																
Replacement Allocations	-	-	287,000	-	-	-	2,574,461	-	-	-	2,501,000	-	-	-	-	5,362,461
Debt Service	-	-	-	-	-	-	-	-	-	-	-	675,000	-	-	-	675,000
Total Transfers In	-	-	287,000	-	-	-	2,574,461	-	-	-	2,501,000	675,000	-	-	-	6,037,461
Total Revenue	2,310,768	2,901	628,101	758,894	19,888,678	31,783	3,676,734	7,089,173	26,590,070	594,555	4,586,647	7,452,818	1,134,461	11,263	1,530,156	76,287,001
Operating Expenses:																
Operating																
Wages and Benefits	1,327,332		-	316,378	7,302,466		-	73,526	4,894,970	-	-	539,275	4,756,739	-	-	19,210,687
Staff Time Charged to Projects/JPAs	(77,485)		-	(8,314)	(657,500)		-	(3,406)	(328,862)	-	-	(20,560)	(10,934)	-	-	(1,107,061)
Other Personnel Costs	87,899		-	7,010	472,651		-	6,640	298,140	-	-	20,480	205,399	782,545	-	1,880,765
Chemicals, Gas & Electric	3,448		-	-	1,253,734		-	-	714,282	-	-	-	58,608	-	-	2,030,071
Other Materials	66,465		5,400	1,090	772,222		25,650	545	179,639	-	327,869	144,250	107,412	-	-	1,630,542
Water Purchase	-		-	-	-		-	-	9,980,817	-	-	-	-	-	-	9,980,817
Contracts	150,243		225,800	39,721	701,080		700	11,761	1,094,162	-	293,700	129,961	1,370,133	-	1,530,156	5,547,416
Other	21,585		-	360	180,800		75,000	180	102,868	20,000	-	840	58,133	-	-	459,766
Contribution to JPA					2,156,609			337,098	1,469,192			-				3,962,899
Debt Service					1,463,614			6,611,585	-			3,058,663				11,133,862
Capital Outlay			52,415				174,100				346,485					573,000
Allocated Costs (*as adjusted/proposed*)	485,388	-	-	115,695	2,670,415	-	-	26,888	1,790,026	-	-	197,206	(5,285,617)			-
Total Operating Expenses	2,064,874	-	283,615	471,941	16,316,091	-	275,450	7,064,817	20,195,234	20,000	968,054	4,070,114	1,259,873	782,545	1,530,156	55,302,765
Capital Projects - Proposed Fund Limits			1,121,534	101,350			3,031,171	1,306,362			6,997,310	3,704,381				16,262,108
Transfers Out:																
Replacement Allocations	287,000		-	-	2,574,461		-	-	2,501,000	-	-	-	-	-	-	5,362,461
Allocation Recycled Water Program Fund									1,500,000							1,500,000
Debt Service	-		-	-	-		-	-	675,000	-	-	-	-	-	-	675,000
Total Transfers Out	287,000	-	-	-	2,574,461	-	-	-	4,676,000	-	-	-	-	-	-	7,537,461
Total Expenses	2,351,874	-	1,405,149	573,291	18,890,552	-	3,306,621	8,371,179	24,871,234	20,000	7,965,364	7,774,495	1,259,873	782,545	1,530,156	79,102,335
CalPERS Liability	(50,238)			(134,802)	(2,755,259)			(27,704)	(1,804,829)		(227,168)					(5,000,000)
Net increase (decrease) pre RSF	(91,344)	2,901			(1,757,133)	31,783			(85,993)	574,555			(125,412)			(2,815,333)
Ending Working Capital pre RSF	881,717	601,348			3,273,402	7,817,577			7,712,619	10,177,996						
RSF Transfer In (Out)	-	-			1,954,394	(1,954,394)			-	-						-
Net increase (decrease) post RSF	(91,344)	2,901	(777,048)	50,802	197,261	(1,922,611)	370,113	(1,309,710)	(85,993)	574,555	(3,605,885)	(321,677)	(125,412)	(771,283)	-	(2,815,333)
Ending Working Capital June 30, 2016	$ 881,717	$ 601,348	$ 8,543,026	$ 5,467,651	$ 5,227,796	$ 5,863,183	$ 17,357,553	$ 36,043,265	$ 7,712,619	$ 10,177,996	$ 10,136,799	$ 14,470,408	$ -	$ 239,962	$ 893,405	$ 123,616,728

Estimated Change in Net Assets

FYE 2016 OPERATING BUDGET
(LEVEL 3)
Financial Reserve Status

	Local Watewater Enterprise 200	Local Wastewater RSF 205	Local Wastewater Operations 200 + 205	Local Wastewater Replacement 210	Local Wastewater Expansion 220	Regional Wastewater Enterprise 300	Regional Wastewater RSF 305	Regional Wastewater Operations 300 + 305	Regional Wastewater Replacement 310	Regional Wastewater Expansion 320	Water Enterprise 600	Water RSF 605	Water Operations 600 + 605	Water Replacement 610	Water Expansion 620
Financial Reserve June 30, 2015	**$ 881,717**	**$ 601,348**	**$ 1,483,065**	**$ 8,543,026**	**$ 5,467,651**	**$ 5,227,796**	**$ 5,863,183**	**$ 11,090,980**	**$ 17,357,553**	**$ 36,043,265**	**$ 7,712,619**	**$ 10,177,996**	**$ 17,890,615**	**$ 10,136,799**	**$ 14,470,408**
Reserve Minimum (per Financial Reserves Policy)	*344,146*	*344,146*		*1,845,612*	*767,000*	*2,719,349*	*2,719,349*		*7,171,911*	*13,223,171*	*3,365,872*	*3,365,872*		*6,237,683*	*12,715,971*
Reserve Target (per Financial Reserves Policy)	**688,291**	**688,291**				**5,438,697**	**5,438,697**				**6,731,745**	**6,731,745**			
Reserve Maximum (per Financial Reserves Policy)	*1,032,437*		*2,064,874*			*8,158,046*		*16,316,091*			*10,097,617*		*20,215,234*		
Status	**Within Band**	**Within Band**	**Below Maximum**	**Above Minimum**	**Above Minimum**	**Within Band**	**Within Band**	**Below Maximum**	**Above Minimum**	**Above Minimum**	**Within Band**	**Within Band**	**Below Maximum**	**Above Minimum**	**Above Minimum**
	Above Target	**Below Target**				**Below Target**	**Above Target**				**Above Target**	**Above Target**			
	5.12 Months WC	**3.49 Months WC**	**8.62 Months WC**			**3.84 Months WC**	**4.31 Months WC**	**8.16 Months WC**			**4.58 Months WC**	**6.05 Months WC**	**10.63 Months WC**		

	With Capacity Reserve Fees	Regional Sewer
Debt coverage -Ops		5,036,201
Debt coverage -RSF		31,783
Debt coverage -Replacement		826,823
Debt coverage -Expansion		6,973,039
Sum		12,867,846
Debt		5,774,911
Coverage ratio		**2.23**
Target coverage @ 1.6		9,239,857
Surplus/(Deficit)		3,627,988

	With Capacity Reserve Fees	Water
Debt coverage -Ops		6,394,836
Debt coverage -RSF		574,555
Debt coverage -Replacement		1,117,593
Debt coverage -Expansion		4,895,284
Sum		12,982,267
Debt		2,213,869
Coverage ratio		**5.86**
Target coverage @ 1.6		3,542,190
Surplus/(Deficit)		9,440,077

Estimated Change in Net Assets

FYE 2017 OPERATING BUDGET (LEVEL 3)	Local Wastewater Enterprise 200	Local Wastewater RSF 205	Local Wastewater Replacement 210	Local Wastewater Expansion 220	Regional Wastewater Enterprise 300	Regional Wastewater RSF 305	Regional Wastewater Replacement 310	Regional Wastewater Expansion 320	Water Enterprise 600	Water RSF 605	Water Replacement 610	Water Expansion 620	Administrative Cost Center 900	OPEB 965	DV Standby District 995	Total
Working Capital July 1, 2016 (estimate from projected FYE16)	881,717	601,348	8,543,026	5,467,651	5,227,796	5,863,183	17,357,553	36,043,265	7,712,619	10,177,996	10,136,799	14,470,408	-	239,962	893,405	123,616,728
Payment of Internal Receivable																-
Draw from CERBT														767,655		767,655
Adjusted Working Capital	881,717	601,348	8,543,026	5,467,651	5,227,796	5,863,183	17,357,553	36,043,265	7,712,619	10,177,996	10,136,799	14,470,408	-	1,007,617	893,405	124,384,384
Revenues:																
Zone 7 Revenue (600.1.150.10)									*11,344,585*							11,344,585
DSRSD Fixed Charge (600.1.150.10)									*6,769,654*							6,769,654
DSRSD Potable Revenue (600.1.150.10)									*5,019,888*							5,019,888
DSRSD Recycled Revenue (600.1.150.30)	-	-	-	-	-	-	-	-	*3,841,326*	-	-	-	-	-	-	3,841,326
Power Charge Revenue (600.1.150.35)	-	-	-	-	-	-	-	-	*775,783*	-	-	-	-	-	-	775,783
Dublin Sewer Service Charge (1.110.10)	*1,968,412*	-	-	-	*8,162,456*	-	-	-	-	-	-	-	-	-	-	10,130,868
San Ramon Sewer Service Charge (1.110.30)	*440,116*	-	-	-	*1,901,397*	-	-	-	-	-	-	-	-	-	-	2,341,513
Pleasanton Sewer Serice Charge (1.110.20)	-	-	-	-	*9,872,104*	-	-	-	-	-	-	-	-	-	-	9,872,104
Miscellaneous Revenues																
Pretreatment/Lab Tests- DSRSD (1.110.40)	-	-	-	-	*68,119*	-	-	-	-	-	-	-	-	-	-	68,119
Pretreatment/Lab Tests- Pleasanton (1.110.45)	-	-	-	-	*98,836*	-	-	-	-	-	-	-	-	-	-	98,836
Total Service Charges	2,408,528	-	-	-	20,102,912	-	-	-	27,751,236	-	-	-	-	-	-	50,262,676
Capacity Reserve Fees	-	-	540,469	525,544	-	-	1,789,601	11,286,317	-	-	2,224,584	5,882,544	-	-	-	22,249,059
Other Revenues		-	-	444,000	497,000	-	-	(0)	530,518	564,308	3,875	1,239,536	1,134,730		1,530,156	5,944,124
Interest (*as adjusted/proposed*)	1,788	2,901	44,349	26,336	44,510	31,783	69,159	225,810	54,608	32,119	35,243	79,874	-	11,263	-	659,744
Total Revenues	2,410,316	2,901	584,818	995,881	20,644,422	31,783	1,858,760	11,512,127	28,336,363	596,427	2,263,703	7,201,954	1,134,730	11,263	1,530,156	79,115,603
Transfers In:																
Replacement Allocations	-	-	287,000	-	-	-	2,574,461	-	-	-	2,501,000	-	-	-	-	5,362,461
Debt Service	-	-	-	-	-	-	-	-	-	-	-	675,000	-	-	-	675,000
Total Transfers In	-	-	287,000	-	-	-	2,574,461	-	-	-	2,501,000	675,000	-	-	-	6,037,461
Total Revenue	2,410,316	2,901	871,818	995,881	20,644,422	31,783	4,433,221	11,512,127	28,336,363	596,427	4,764,703	7,876,954	1,134,730	11,263	1,530,156	85,153,065
Operating Expenses:																
Operating																
Wages and Benefits	1,378,948		-	329,655	7,601,974		-	76,607	5,099,751	-	-	560,487	4,945,905	-	-	19,993,328
Staff Time Charged to Projects/JPAs	(80,263)		-	(8,579)	(684,984)		-	(3,512)	(342,770)	-	-	(21,231)	(11,427)	-	-	(1,152,765)
Other Personnel Costs	86,366		-	7,010	473,244		-	6,640	302,773	-	-	21,440	203,992	767,655	-	1,869,120
Chemicals, Gas & Electric	3,622		-	-	1,291,253		-	-	714,882	-	-	-	61,538	-	-	2,071,295
Other Materials	57,574		5,400	1,090	764,300		25,650	545	291,135	-	327,869	153,435	114,833	-	-	1,741,832
Water Purchase	-		-	-	-		-	-	10,280,242	-	-	-	-	-	-	10,280,242
Contracts	129,343		225,800	35,720	649,125		700	10,260	1,019,050	-	5,350	17,310	1,531,030	-	1,530,156	5,153,843
Other	22,845		-	360	188,220		-	180	103,798	20,000	-	840	58,183	-	-	394,426
Contribution to JPA					2,156,609			337,098	1,469,192			-				3,962,899
Debt Service					1,464,025			6,612,798	-			3,057,263				11,134,086
Capital Outlay			28,500				94,500				199,900					322,900
Allocated Costs (*as adjusted/proposed*)	528,702	-	-	126,393	2,914,669	-	-	29,372	1,955,293	-	-	214,896	(5,769,324)			-
Total Operating Expenses	2,127,137	-	259,700	491,649	16,818,435	-	120,850	7,069,988	20,893,345	20,000	533,119	4,004,440	1,134,730	767,655	1,530,156	55,771,205
Capital Projects - Proposed Fund Limits			1,959,574	521,000			3,234,760	5,850,090			4,309,086	8,143,690				24,018,200
Transfers Out:																
Replacement Allocations	287,000		-	-	2,574,461		-	-	2,501,000	-	-	-	-	-	-	5,362,461
Allocation Recycled Water Program Fund									1,500,000							1,500,000
Debt Service	-		-	-	-		-	-	675,000	-	-	-	-	-	-	675,000
Total Transfers Out	287,000	-	-	-	2,574,461	-	-	-	4,676,000	-	-	-	-	-	-	7,537,461
Total Expenses	2,414,137	-	2,219,274	1,012,649	19,392,897	-	3,355,610	12,920,078	25,569,345	20,000	4,842,205	12,148,130	1,134,730	767,655	1,530,156	87,326,867
CalPERS Liability	(50,238)			(134,802)	(2,755,259)			(27,704)	(1,804,829)		(227,168)					(5,000,000)
Net increase (decrease) pre RSF	(54,059)	2,901			(1,503,734)	31,783			962,189	576,427			-			(2,173,802)
Ending Working Capital pre RSF	827,658	604,249			3,724,063	5,894,966			8,674,808	10,754,423						
RSF Transfer In (Out)	-	-			1,473,742	(1,473,742)			-	-						-
Net increase (decrease) post RSF	(54,059)	2,901	(1,347,456)	(151,570)	(29,992)	(1,441,958)	1,077,611	(1,435,655)	962,189	576,427	(304,670)	(4,271,176)	0	(756,392)	-	(2,173,802)
Ending Working Capital June 30, 2017	$ 827,658	$ 604,249	$ 7,195,569	$ 5,316,081	$ 5,197,804	$ 4,421,225	$ 18,435,164	$ 34,607,610	$ 8,674,808	$ 10,754,423	$ 9,832,128	$ 10,199,233	$ 0	$ 251,225	$ 893,405	$ 117,210,582

Estimated Change in Net Assets

FYE 2017 OPERATING BUDGET
(LEVEL 3)
Financial Reserve Status

	Local Watewater Enterprise 200	Local Wastewater RSF 205	Local Wastewater Operations 200 + 205	Local Wastewater Replacement 210	Local Wastewater Expansion 220	Regional Wastewater Enterprise 300	Regional Wastewater RSF 305	Regional Wastewater Operations 300 + 305	Regional Wastewater Replacement 310	Regional Wastewater Expansion 320	Water Enterprise 600	Water RSF 605	Water Operations 600 + 605	Water Replacement 610	Water Expansion 620
Financial Reserve June 30, 2015	$ 827,658	$ 604,249	$ 1,431,907	$ 7,195,569	$ 5,316,081	$ 5,197,804	$ 4,421,225	$ 9,619,029	$ 18,435,164	$ 34,607,610	$ 8,674,808	$ 10,754,423	$ 19,429,231	$ 9,832,128	$ 10,199,233
Reserve Minimum (per Financial Reserves Policy)	*354,523*	*354,523*		*1,845,612*	*390,000*	*2,803,073*	*2,803,073*		*7,171,911*	*13,225,595*	*3,482,224*	*3,482,224*		*6,237,683*	*11,041,930*
Reserve Target (per Financial Reserves Policy)	**709,046**	**709,046**				**5,606,145**	**5,606,145**				**6,964,448**	**6,964,448**			
Reserve Maximum (per Financial Reserves Policy)	*1,063,569*		*2,127,137*			*8,409,218*		*16,818,435*			*10,446,672*		*20,913,345*		
Status	**Within Band**	**Within Band**	**Below Maximum**	**Above Minimum**	**Above Minimum**	**Within Band**	**Within Band**	**Below Maximum**	**Above Minimum**	**Above Minimum**	**Within Band**	**Within Band**	**Below Maximum**	**Above Minimum**	**Below Minimum**
	Above Target	**Below Target**				**Below Target**	**Below Target**				**Above Target**	**Above Target**			
	4.67 Months WC	**3.41 Months WC**	**8.08 Months WC**			**3.71 Months WC**	**3.15 Months WC**	**6.86 Months WC**			**4.98 Months WC**	**6.18 Months WC**	**11.16 Months WC**		

	With Capacity Reserve Fees	Regional Sewer
Debt coverage -Ops		5,290,012
Debt coverage -RSF		31,783
Debt coverage -Replacement		1,737,910
Debt coverage -Expansion		11,392,034
Sum		18,451,739
Debt		5,776,535
Coverage ratio		**3.19**
Target coverage @ 1.6		9,242,455
Surplus/(Deficit)		9,209,284

	With Capacity Reserve Fees	Water
Debt coverage -Ops		7,443,018
Debt coverage -RSF		576,427
Debt coverage -Replacement		1,730,584
Debt coverage -Expansion		5,258,438
Sum		15,008,467
Debt		2,213,869
Coverage ratio		**6.78**
Target coverage @ 1.6		3,542,190
Surplus/(Deficit)		11,466,277

		CAPITAL OUTLAY REQUESTS - FY2016/2017	Ranking: 5 High, 1 Low -					% Allocation			Year	2016			2017		
R/N	Division	Asset description	Impact to mission	Reliability	Lead time to buy	Ranking	Total Cost	210	310	610		Local	Regional	Water	Local	Regional	Water
R	40 - Eng	Van - Ford Transit	2	5	3	10	35,000	11%	52%	37%	2016	3,850	18,200	12,950	-	-	-
N	43 - Eng	Asset Management Software	3	2	4	9	140,500	33%		67%	2016	46,365	-	94,135	-	-	-
N	51 - FOD	Truck mounted valve exercise mach/controller	4	4	2	10	45,000			100%	2016	-	-	45,000	-	-	-
N	51 - FOD	Pump station emergency generator	3	4	3	10	50,000			100%	2016	-	-	50,000	-	-	-
N	52 - Plant	Heavy Capacity Forklift for biosolids, used	5	5	1	11	35,000		100%		2016	-	35,000	-	-	-	-
R	53 - Fleet	Truck - Ford F-350 w/service body	3	4	3	10	60,000		100%		2016	-	60,000	-	-	-	-
R	53 - Fleet	Truck - Ford F-450 w/service body/crane	3	5	3	11	110,000			100%	2016	-	-	110,000	-	-	-
R	53 - Maint	Grit Roll-off Container	5	5	2	12	12,000		100%		2016	-	12,000	-	-	-	-
N	53 - Maint	Chlorine contact tank exit gate	4	4	2	10	12,500		100%		2016	-	12,500	-	-	-	-
R	53 - Maint	Building “A” air compressor	3	5	2	10	13,000		100%		2016	-	13,000	-	-	-	-
N	53 - Maint	Cogen Emission Analyzer	5	5	2	12	13,000		100%		2016	-	13,000	-	-	-	-
R	54 - Elect	Van - Ford Transit	3	5	2	10	27,000			100%	2016	-	-	27,000	-	-	-
R	54 - Elect	Update Security system	2	4	3	9	20,000	11%	52%	37%	2016	2,200	10,400	7,400	-	-	-
R	51 - FOD	Truck - Ford F-150	4	3	2	9	25,000	50%		50%	2017	-	-	-	12,500	-	12,500
R	51 - FOD	Small SUV - Ford Escape 4WD (for FOD sup)	4	3	2	9	32,000	50%		50%	2017	-	-	-	16,000	-	16,000
N	51 - FOD	Portable Emergency Intertie Pump	3	4	3	10	40,000			100%	2017	-	-	-	-	-	40,000
N	51 - FOD	Pump station emergency generator	3	4	3	10	50,000			100%	2017	-	-	-	-	-	50,000
R	53 - Fleet	Truck - Ford F-450 w/service body	3	4	3	10	70,000			100%	2017	-	-	-	-	-	70,000
N	53 - Maint	Chilled water tank (for cooling system)	3	5	2	10	10,750		100%		2017	-	-	-	-	10,750	-
N	53 - Maint	Bio-solids sludge grinder	5	5	2	12	22,150		100%		2017	-	-	-	-	22,150	-
R	53 - Maint	Replacement WWTP Forklift, new	4	5	2	11	35,000		100%		2017	-	-	-	-	35,000	-
R	54 - Elect	Truck - Ford F-250 w/service body	3	3	3	9	38,000		70%	30%	2017	-	-	-	-	26,600	11,400
												-	-	-	-	-	-
												-	-	-	-	-	-
		GRAND TOTAL OF REQUESTS					$ 895,900					$ 52,415	$ 174,100	$ 346,485	$ 28,500	$ 94,500	$ 199,900
22											**Fiscal Year Totals**			**$ 573,000**			**$ 322,900**

CAPITAL REQUEST

Items of $10,000 or more

Division Name	Engineering
Requestor	Dan Lopez
Proposed Purchase Date (Fiscal Year)	FYE 2016
Existing Asset Number (if a replacement asset)	Unit #3 1999 Ford Windstar
Description of Project/Asset:	Ford Transit
Explain why this project/asset is important (how is it important to the organization?; does it provide for long term savings/efficiency? Etc.)	This purchase would replace an existing 16-year old District Office pool van that is becoming increasingly difficult and expensive to maintain.
Describe how this project/asset is to be completed (i.e. outside vendors, combination of vendor labor and staff labor, bid and purchase item, etc.):	Bid and Purchase.
If this is a refurbishment, what is the primary system or thing being refurbished and how long will it extend the useful life?:	N/A
Total Estimated Cost of Project/Asset (do not include cost of DSRSD staff time):	$35,000
Proposed Purchase Date (fiscal year):	FY 2016
Fund /Split	11% 210.70.40.050.555 Local Sewer Replacement 37% 610.70.40.050.555 Water Replacement 52% 310.70.40.050.555 Regional Sewer Replacement

Dublin San Ramon Services District
Water, wastewater, recycled water

CAPITAL OUTLAY REQUEST

Items of $10,000 or more

(Per IRS - the cost basis of asset includes its cost plus amounts paid for sales tax, freight charges, installation and testing fees.)

Division Name	Asset Management
Requestor	Garry Lee
Proposed Purchase Date *(fiscal year)*	FYE 2016
Existing Asset Number *(if a replacement asset)*	New Software
Description of Project/Asset	This project will acquire InfoMaster asset management software that will be used for both the water and sewer systems. The software integrates with both our existing water and sewer models and with Lucity.
Explain why this project/asset is important *(long term savings/efficiency, strategic plan item, etc.)*	The addition of this software will greatly expand our ability to evaluate the condition of our assets by providing much broader spectrum of analytical tools, ease of use, and mapping capability. For the sewer system, we will have the ability to: quickly evaluate options for spot repairs, rehabilitation or replacement; map defects more easily; and develop work plans that lead to Work Orders, consequence of failure analysis, and easier access to all of the data stored in Lucity. For the water system, the software improve our unidirectional flushing and valve exercising programs, consequence of failure analysis, identify impacted customers during emergencies, mapping historical repairs, ease of identifying high risk pipes and development of the CIP. Acquisition of this software will be much more efficient than developing similar tools using District staff to write custom software.
Describe how this project/asset is to be completed *(i.e. outside vendors, combination of vendor labor and staff labor, bid and purchase item, etc.)*	Combination of outside vendors and staff
If this is a refurbishment, what is the primary system or asset being refurbished and how long will it extend the useful life?	Local Collection System and Water Distribution System. The software will give us more tools to evaluate the systems, thus prioritizing our O&M and projects on the highest risk assets.
Total Estimated Cost of Project/Asset *(do not include cost of DSRSD staff time)*	$140,500
Proposed Purchase Date *(fiscal year)*	July 1, 2015
Fund /Split	33% 210.70.43.050.555 Local Sewer Replacement 67% 610.70.43.050.555 Water Replacement

Dublin San Ramon Services District
Water, wastewater, recycled water

CAPITAL OUTLAY REQUEST

Items of $10,000 or more

(Per IRS - the cost basis of asset includes its cost plus amounts paid for sales tax, freight charges, installation and testing fees.)

Division Name	Field Operations
Requestor	Jim Dryden
Proposed Purchase Date *(fiscal year)*	FYE 2016
Existing Asset Number *(if a replacement asset)*	N/A
Description of Project/Asset	Purchase Wachs TM-7 Valve Exercise Machine, Automation computer controller, (2) Panasonic Toughbook controllers / data logger, blue tooth adaption for Wach's TM-7 to be mounted on newly purchased truck
Explain why this project/asset is important *(long term savings/efficiency, strategic plan item, etc.)*	This will help FOD staff become more efficient at the task of valve exercising and documenting data that is needed for Asset management and SWRCB requests and requirements.
Describe how this project/asset is to be completed *(i.e. outside vendors, combination of vendor labor and staff labor, bid and purchase item, etc.)*	Bid and Purchase
If this is a refurbishment, what is the primary system or asset being refurbished and how long will it extend the useful life?	N/A
Total Estimated Cost of Project/Asset *(do not include cost of DSRSD staff time)*	$45,000
Proposed Purchase Date *(fiscal year)*	FY 16
Fund /Split	100% 610.70.51.050.5.555 Water Replacement

For Projects-list individual equipment to be purchased costing $10,000 or more:

Description	Cost

Dublin San Ramon Services District
Water, wastewater, recycled water

CAPITAL OUTLAY REQUEST

Items of $10,000 or more

(Per IRS - the cost basis of asset includes its cost plus amounts paid for sales tax, freight charges, installation and testing fees.)

Division Name	Field Operations
Requestor	Jim Dryden
Proposed Purchase Date *(fiscal year)*	FYE 2016
Existing Asset Number *(if a replacement asset)*	N/A
Description of Project/Asset	Pump Station Emergency Generator No. 1
Explain why this project/asset is important *(long term savings/efficiency, strategic plan item, etc.)*	In case of earthquake or other emergency, to be able to adequately supply our customers with drinking water from where power may be out for undetermined amount of time.
Describe how this project/asset is to be completed *(i.e. outside vendors, combination of vendor labor and staff labor, bid and purchase item, etc.)*	Bid and Purchase
If this is a refurbishment, what is the primary system or asset being refurbished and how long will it extend the useful life?	no
Total Estimated Cost of Project/Asset *(do not include cost of DSRSD staff time)*	$ 50,000
Proposed Purchase Date *(fiscal year)*	FY 16
Fund /Split	100% 610.70.51.050.555 Water Replacement

For Projects-list individual equipment to be purchased costing $10,000 or more:

Description	Cost

Dublin San Ramon Services District
Water, wastewater, recycled water

CAPITAL OUTLAY REQUEST

Items of $10,000 or more

(Per IRS - the cost basis of asset includes its cost plus amounts paid for sales tax, freight charges, installation and testing fees.)

Division Name	Plant Operations
Requestor	Levi Fuller
Proposed Purchase Date *(fiscal year)*	FYE 2016
Existing Asset Number *(if a replacement asset)*	N/A
Description of Project/Asset	Heavy Capacity Forklift for biosolids harvesting (used Gradall-type)
Explain why this project/asset is important *(long term savings/efficiency, strategic plan item, etc.)*	The biosolids harvesting dredge runs on a cable that is suspended over the lagoon and anchored on opposite shores. Originally the cable was designed to be attached to fixed anchor loops buried in the road surrounding the lagoon. To properly position the cable a pair of hand winches had to be used to stretch the cable between two anchor loops on each shore. Adjusting and stretching the cable using these winches has proved to be challenging and potentially dangerous. Staff toured the San Jose biosolids operation and learned how they use large moveable concrete blocks to anchor the cable, which San Jose efficiently moves with a large forklift. DSRSD staff adopted the use of concrete blocks for anchors, but since we do not have a large forklift a large crane must be used to move the blocks. Moving the anchor blocks for the dredge is a task that needs to done every 8 to 12 hours (depending upon sludge density). Currently the Harvesting Staff has to schedule and wait for a certified crane mechanic (CCM) to move the dredge anchors using the crane. With a heavy capacity forklift the bio-solids harvesting crew could be trained to move the anchors when needed without needing to schedule and wait for a crane operator. In addition, during the off season the heavy capacity forklift could be used to lift lightweight objects to roofs or other high points, and to assist in stabilizing loads lifted by cranes. Currently this requires renting a piece of equipment.
Describe how this project/asset is to be completed *(i.e. outside vendors, combination of vendor labor and staff labor, bid and purchase item, etc.)*	Purchase used equipment
If this is a refurbishment, what is the primary system or asset being refurbished and how long will it extend the useful life?	N/A
Total Estimated Cost of Project/Asset *(do not include cost of DSRSD staff time)*	$35,000
Proposed Purchase Date *(fiscal year)*	July 2015
Fund /Split	100% 310.70.52.050.5.555 Regional Sewer Replacement

CAPITAL REQUEST

Items of $10,000 or more

Division Name	Mechanical Maintenance
Requestor	Dan Lopez
Proposed Purchase Date (Fiscal Year)	FYE 2016
Existing Asset Number (if a replacement asset)	Units #14 1991 Chevy C2500 and #47 1991 Chevy C2500
Description of Project/Asset:	F-350 w/ service body
Explain why this project/asset is important (how is it important to the organization?; does it provide for long term savings/efficiency? Etc.)	This purchase would replace the two existing 24-year old high mileage trucks that have been used in the treatment plant. Both trucks are high mileage and are becoming increasingly expensive to The new truck would be very similar to recently purchased trucks for field operations.
Describe how this project/asset is to be completed (i.e. outside vendors, combination of vendor labor and staff labor, bid and purchase item, etc.):	Bid and Purchase
If this is a refurbishment, what is the primary system or thing being refurbished and how long will it extend the useful life?:	N/A
Total Estimated Cost of Project/Asset (do not include cost of DSRSD staff time):	$60,000
Proposed Purchase Date (fiscal year):	FY 2016
Fund /Split	100% 310.70.53.050.555 Regional Sewer Replacement

CAPITAL REQUEST

Items of $10,000 or more

Division Name	Mechanical Maintenance
Requestor	Dan Lopez
Proposed Purchase Date (Fiscal Year)	FYE 2016
Existing Asset Number (if a replacement asset)	Unit #28 1989 GMC C3500
Description of Project/Asset:	F-450 w/ service body with crane
Explain why this project/asset is important (how is it important to the organization?; does it provide for long term savings/efficiency? Etc.)	This purchase would replace an existing 26-year old truck that has been used primarily in the treatment plant. This truck is high mileage, becoming increasingly expensive to maintain, and is at the end of its useful life. The new truck would include and air compressor, crane, and generator and would be used primarily in the water system.
Describe how this project/asset is to be completed (i.e. outside vendors, combination of vendor labor and staff labor, bid and purchase item, etc.):	Bid and Purchase
If this is a refurbishment, what is the primary system or thing being refurbished and how long will it extend the useful life?:	N/A
Total Estimated Cost of Project/Asset (do not include cost of DSRSD staff time):	$110,000
Proposed Purchase Date (fiscal year):	FY 2016
Fund /Split	100% 610.70.53.050.555 Water Replacement

CAPITAL REQUEST

Items of $10,000 or more

Division Name	Mechanical Maintenance
Requestor	Dan Lopez
Proposed Purchase Date (Fiscal Year)	FYE 2016
Existing Asset Number (if a replacement asset)	
Description of Project/Asset:	Grit Roll-off Container
Explain why this project/asset is important (how is it important to the organization?; does it provide for long term savings/efficiency? Etc.)	This purchase would replace an existing grit dumpster that is used in a corrosive work environment and has reached the end of its useful life. The existing dumpster is prone to failure and has on occasion been unable to be emptied, requiring emergency repair.
Describe how this project/asset is to be completed (i.e. outside vendors, combination of vendor labor and staff labor, bid and purchase item, etc.):	Bid and Purchase.
If this is a refurbishment, what is the primary system or thing being refurbished and how long will it extend the useful life?:	N/A
Total Estimated Cost of Project/Asset (do not include cost of DSRSD staff time):	$12,000
Proposed Purchase Date (fiscal year):	FY 2016
Fund /Split	100% 310.70.53.050.555 Regional Sewer Replacement

CAPITAL OUTLAY BUDGET REQUEST

Items of $10,000 or more

Division Name	Mechanical Maintenance
Requestor	Dan Lopez
Proposed Purchase Date (Fiscal Year)	FYE 2016
Existing Asset Number	
Description of Project:	WWTP chlorine contact tank exit (drain) gate
Explain why this project is important (how is it important to the organization; does it provide for long term savings/efficiency?)	The WWTP chlorine contact tank has several mud valves that have been inoperable for many years. Without these valves it is almost impossible to completely clean the tank. Replacement of the existing mud valves would be cost prohibitive. As an alternative an exit gate can be installed that will allow solids to be washed towards the inlet channel of EPS1 but captured before it enters the wetwell. This installation will help with tank cleaning and provide for cleaner effluent for export or recycled water treatment.
Describe how this project is to be completed (i.e. outside vendors, combination of vendor labor and staff labor, bid and purchase item, etc.):	Outside vendor with assistance from district staff
If this is a refurbishment, what is the primary system or thing being refurbished and how long will it extend the useful life?:	N/A
Total Estimated Cost of Project (do not include cost of staff time):	$12,500
Proposed Purchase Date (fiscal year):	FYE 2016
Fund /Split	100% 310.70.53.050.555 Regional Sewer Replacement

List any individual equipment to be purchased costing $10,000 or more:

Description	Cost

CAPITAL OUTLAY BUDGET REQUEST

Items of $10,000 or more

Division Name	Mechanical Maintenance
Requestor	Dan Lopez
Proposed Purchase Date (Fiscal Year)	FYE 2016
Existing Asset Number	WWTP Admin Building A/C Compressor
Description of Project:	Building "A" air compressor
Explain why this project is important (how is it important to the organization; does it provide for long term savings/efficiency?)	The No. 1C A/C compressor has failed and is in need of replacement. This compressor is original equipment and has lasted for 19 years. The air handler is mission critical because it provides cool air to the WWTP Administrative office which houses the Operations Staff and Laboratory Staff. The scope of work includes: • Perform all rigging of old and new compressors. • Remove and replace compressor 1C. • Remove and replace: oil, filter liquid line drier, refrigerant and contactor. • Replace two failed chilled water temperature displays on pipe. • Replace a flat expansion tank on chilled water loop. • Install gauge at PRV station, perform minor piping. • Perform start up to insure system operation.
Describe how this project is to be completed (i.e. outside vendors, combination of vendor labor and staff labor, bid and purchase item, etc.):	Outside vendor with assistance from district staff
If this is a refurbishment, what is the primary system or thing being refurbished and how long will it extend the useful life?:	N/A
Total Estimated Cost of Project (do not include cost of staff time):	$13,000
Proposed Purchase Date (fiscal year):	FYE 2016
Fund /Split	100% 310.70.53.050.555 Regional Sewer Replacement

CAPITAL OUTLAY BUDGET REQUEST

Items of $10,000 or more

Division Name	Mechanical Maintenance
Requestor	Dan Lopez
Proposed Purchase Date (Fiscal Year)	FYE 2016
Existing Asset Number	
Description of Project:	Cogen Emissions Analyzer
Explain why this project is important (how is it important to the organization; does it provide for long term savings/efficiency?)	With the addition of a third engine and with more stringent emissions standards, a new emissions analyzer is needed. This new analyzer will have the ability to monitor 21 gases associated with air board emissions compliance.
Describe how this project is to be completed (i.e. outside vendors, combination of vendor labor and staff labor, bid and purchase item, etc.):	Bid and purchase item
If this is a refurbishment, what is the primary system or thing being refurbished and how long will it extend the useful life?:	N/A
Total Estimated Cost of Project (do not include cost of staff time):	$13,000
Proposed Purchase Date (fiscal year):	FYE 2016
Fund /Split	100% 310.70.53.050.555 Regional Sewer Replacement

List any individual equipment to be purchased costing $10,000 or more:

Description	Cost

CAPITAL REQUEST

Items of $10,000 or more

Division Name	Electrical, Instrumentation, and SCADA Maintenance
Requestor	Maurice Atendido
Proposed Purchase Date (Fiscal Year)	FYE 2016
Existing Asset Number (if a replacement asset)	Unit #62
Description of Project/Asset:	2015 Ford Transit Connect
Explain why this project/asset is important (how is it important to the organization?; does it provide for long term savings/efficiency? Etc.)	This purchase would replace the existing 13-year old high mileage truck that has been used when servicing FOD remote sites. This truck is high mileage and is becoming increasingly expensive to maintain.
Describe how this project/asset is to be completed (i.e. outside vendors, combination of vendor labor and staff labor, bid and purchase item, etc.):	Bid and Purchase
If this is a refurbishment, what is the primary system or thing being refurbished and how long will it extend the useful life?:	N/A
Total Estimated Cost of Project/Asset (do not include cost of DSRSD staff time):	$27,000
Proposed Purchase Date (fiscal year):	FY 2016
Fund /Split	100% 610.70.54.050.5.555 Water Replacement

Dublin San Ramon Services District
Water, wastewater, recycled water

CAPITAL OUTLAY REQUEST

Items of $10,000 or more

(Per IRS - the cost basis of asset includes its cost plus amounts paid for sales tax, freight charges, installation and testing fees.)

Division Name	Electrical, Instrumentation, and SCADA (Division 54)
Requestor	Maurice Atendido, Senior Electrical Engineer - Supervisory
Proposed Purchase Date *(fiscal year)*	FYE 2016
Existing Asset Number *(if a replacement asset)*	N/A
Description of Project/Asset	Replace/upgrade security system human interface panels at the District Office
Explain why this project/asset is important *(long term savings/efficiency, strategic plan item, etc.)*	Due to the age of the equipment and limitations for interfacing with the existing Linnel security system we are unable to troubleshoot or reconfigure the control boards when repairs or changes are needed. District staff and vendors are unable to access certain aspects of the security panels due to their obsolescence and our lack of passwords, documentation, and/or training.
Describe how this project/asset is to be completed *(i.e. outside vendors, combination of vendor labor and staff labor, bid and purchase item, etc.)*	Outside vendors with the appropriate knowledge/certifications.
If this is a refurbishment, what is the primary system or asset being refurbished and how long will it extend the useful life?	
Total Estimated Cost of Project/Asset *(do not include cost of DSRSD staff time)*	$20,000, defined as: $6,000 for three new interface panels (inc. Utility Shed) $9,600 for installation, wiring, setup, and documentation $2,000 to train DSRSD staff $2,500 overhead & contingencies
Proposed Purchase Date *(fiscal year)*	FYE 2016
Fund /Split	11% 210.70.34.050.555 Local Sewer Replacement 37% 610.70.34.050.555 Water Replacement 52% 310.70.34.050.555 Regional Sewer Replacement

For Projects-list individual equipment to be purchased costing $10,000 or more:

Description	Cost

Dublin San Ramon Services District
Water, wastewater, recycled water

CAPITAL OUTLAY REQUEST

Items of $10,000 or more

(Per IRS - the cost basis of asset includes its cost plus amounts paid for sales tax, freight charges, installation and testing fees.)

Division Name	Field Operations
Requestor	Jim Dryden
Proposed Purchase Date *(fiscal year)*	FYE 2017
Existing Asset Number *(if a replacement asset)*	Vehicle Replacement # 65
Description of Project/Asset	F-150 w/ cross bed tool box for new meter installs
Explain why this project/asset is important *(long term savings/efficiency, strategic plan item, etc.)*	Replacement of 2002 Ranger p/up truck that is too small to efficiently perform the daily task of setting multiple meters, USA's and other duties as assigned.
Describe how this project/asset is to be completed *(i.e. outside vendors, combination of vendor labor and staff labor, bid and purchase item, etc.)*	Bid and Purchase
If this is a refurbishment, what is the primary system or asset being refurbished and how long will it extend the useful life?	N/A
Total Estimated Cost of Project/Asset *(do not include cost of DSRSD staff time)*	$25,000
Proposed Purchase Date *(fiscal year)*	July 1, 2016
Fund /Split	50% 210.70.51.050.555 Local Replacement 50% 610.70.51.050.555 Water Replacement

For Projects-list individual equipment to be purchased costing $10,000 or more:

Description	Cost

Dublin San Ramon Services District
Water, wastewater, recycled water

CAPITAL OUTLAY REQUEST

Items of $10,000 or more

(Per IRS - the cost basis of asset includes its cost plus amounts paid for sales tax, freight charges, installation and testing fees.)

Division Name	Field Operations
Requestor	Jim Dryden
Proposed Purchase Date *(fiscal year)*	FYE 2017
Existing Asset Number *(if a replacement asset)*	Vehicle Replacement # 67
Description of Project/Asset	Small 4 W/D or AWD SUV similar to Ford Escape
Explain why this project/asset is important *(long term savings/efficiency, strategic plan item, etc.)*	Replacement of 2002 Ranger p/up (FOD Supervisor – 85,000 mi) Small SUV would carry all tools and equipment needed for Supervisor to respond to after hours emergencies to assist staff and district needs. Vehicle would also allow for field meetings with staff in adverse weather conditions or for private field meetings as warranted.
Describe how this project/asset is to be completed *(i.e. outside vendors, combination of vendor labor and staff labor, bid and purchase item, etc.)*	Bid and Purchase
If this is a refurbishment, what is the primary system or asset being refurbished and how long will it extend the useful life?	N/A
Total Estimated Cost of Project/Asset *(do not include cost of DSRSD staff time)*	$32,000
Proposed Purchase Date *(fiscal year)*	FY 17
Fund /Split	50% 210.70.51.050.555 Local Sewer Replacement 50% 610.70.51.050.555 Water Replacement

For Projects-list individual equipment to be purchased costing $10,000 or more:

Description	Cost

Dublin San Ramon Services District
Water, wastewater, recycled water

CAPITAL OUTLAY REQUEST

Items of $10,000 or more

(Per IRS - the cost basis of asset includes its cost plus amounts paid for sales tax, freight charges, installation and testing fees.)

Division Name	Field Operations
Requestor	Jim Dryden
Proposed Purchase Date *(fiscal year)*	FYE 2017
Existing Asset Number *(if a replacement asset)*	N/A
Description of Project/Asset	Portable Emergency Intertie Pump
Explain why this project/asset is important *(long term savings/efficiency, strategic plan item, etc.)*	With the current drought, the district should ensure that if for some reason the district is unable to procure water from "Yuba" County or if Turn outs from Zone 7 are compromised, maybe pulling water from The City of Pleasanton would be enough to keep us from running out of water.
Describe how this project/asset is to be completed *(i.e. outside vendors, combination of vendor labor and staff labor, bid and purchase item, etc.)*	Bid and Purchase
If this is a refurbishment, what is the primary system or asset being refurbished and how long will it extend the useful life?	N/A
Total Estimated Cost of Project/Asset *(do not include cost of DSRSD staff time)*	$40,000
Proposed Purchase Date *(fiscal year)*	FY 17
Fund /Split	100% 610.70.51.050.555 Water Replacement

For Projects-list individual equipment to be purchased costing $10,000 or more:

Description	Cost

Dublin San Ramon Services District
Water, wastewater, recycled water

CAPITAL OUTLAY REQUEST

Items of $10,000 or more

(Per IRS - the cost basis of asset includes its cost plus amounts paid for sales tax, freight charges, installation and testing fees.)

Division Name	Field Operations
Requestor	Jim Dryden
Proposed Purchase Date *(fiscal year)*	FYE 2017
Existing Asset Number *(if a replacement asset)*	N/A
Description of Project/Asset	Pump Station Emergency Generator No. 2
Explain why this project/asset is important *(long term savings/efficiency, strategic plan item, etc.)*	In case of earthquake or other emergency, to be able to adequately supply our customers with drinking water from where power may be out for undetermined amount of time.
Describe how this project/asset is to be completed *(i.e. outside vendors, combination of vendor labor and staff labor, bid and purchase item, etc.)*	Bid and Purchase
If this is a refurbishment, what is the primary system or asset being refurbished and how long will it extend the useful life?	no
Total Estimated Cost of Project/Asset *(do not include cost of DSRSD staff time)*	$ 50,000
Proposed Purchase Date *(fiscal year)*	FY 17
Fund /Split	100% 610.70.51.050.555 Water Replacement

For Projects-list individual equipment to be purchased costing $10,000 or more:

Description	Cost

CAPITAL REQUEST

Items of $10,000 or more

Division Name	Mechanical Maintenance
Requestor	Dan Lopez
Proposed Purchase Date (Fiscal Year)	FYE 2017
Existing Asset Number (if a replacement asset)	Unit #36 2004 F-350 with service body
Description of Project/Asset:	F-450 w/ service body
Explain why this project/asset is important (how is it important to the organization?; does it provide for long term savings/efficiency? Etc.)	This purchase would replace an existing 11-year old truck that has been used primarily in the water system. This truck has an intermittent maintenance problem making it unreliable and expensive to maintain. The existing F350 truck is overloaded with the equipment and tools that it carries, so staff recommends purchasing an F450 to replace it.
Describe how this project/asset is to be completed (i.e. outside vendors, combination of vendor labor and staff labor, bid and purchase item, etc.):	Bid and Purchase.
If this is a refurbishment, what is the primary system or thing being refurbished and how long will it extend the useful life?:	N/A
Total Estimated Cost of Project/Asset (do not include cost of DSRSD staff time):	$70,000
Proposed Purchase Date (fiscal year):	FY 2017
Fund /Split	100% 610.70.53.050.555 Water Replacement

CAPITAL OUTLAY BUDGET REQUEST

Items of $10,000 or more

Division Name	Mechanical Maintenance
Requestor	Dan Lopez
Proposed Purchase Date (Fiscal Year)	FYE 2017
Existing Asset Number	
Description of Project:	Chilled water reservoir tank
Explain why this project is important (how is it important to the organization; does it provide for long term savings/efficiency?)	The Administration and Laboratory building is subject to ambient temperature fluctuations due to the lack of capacitance in the chilled water system. Typically a storage reservoir is installed when chiller systems like this are installed, similar to the storage tank at the maintenance building. Installation of a chilled water tank will improve reliability of the cooling system, which is especially important for laboratory sample storage compliance
Describe how this project is to be completed (i.e. outside vendors, combination of vendor labor and staff labor, bid and purchase item, etc.):	Bid and purchase item
If this is a refurbishment, what is the primary system or thing being refurbished and how long will it extend the useful life?:	N/A
Total Estimated Cost of Project (do not include cost of staff time):	$10,750
Proposed Purchase Date (fiscal year):	FYE 2017
Fund /Split	100% 310.70.53.050.555 Regional Sewer Replacement

List any individual equipment to be purchased costing $10,000 or more:

Description	Cost

CAPITAL REQUEST

Items of $10,000 or more

Division Name	Mechanical Maintenance
Requestor	Dan Lopez
Proposed Purchase Date (Fiscal Year)	FYE 2017
Existing Asset Number (if a replacement asset)	
Description of Project/Asset:	Bio-solids sludge grinder
Explain why this project/asset is important (how is it important to the organization?; does it provide for long term savings/efficiency? Etc.)	When sludge is dredged from the sludge lagoons large solids are often carried with the product. These solids can clog the booster pump, injection applicator and most importantly the underground piping leading to the DLD hydrants. Installing a sludge grinder prior to the transfer pump will ensure that no large solids are passed along to the injection process.
Describe how this project/asset is to be completed (i.e. outside vendors, combination of vendor labor and staff labor, bid and purchase item, etc.):	Bid and Purchase.
If this is a refurbishment, what is the primary system or thing being refurbished and how long will it extend the useful life?:	N/A
Total Estimated Cost of Project/Asset (do not include cost of DSRSD staff time):	$22,150
Proposed Purchase Date (fiscal year):	FY 2017
Fund /Split	100% 310.70.53.050.555 Regional Sewer Replacement

CAPITAL REQUEST

Items of $10,000 or more

Division Name	Mechanical Maintenance
Requestor	Dan Lopez
Proposed Purchase Date (Fiscal Year)	FYE 2017
Existing Asset Number (if a replacement asset)	1996 Daewoo Forklift
Description of Project/Asset:	Replacement WWTP Forklift
Explain why this project/asset is important (how is it important to the organization?; does it provide for long term savings/efficiency? Etc.)	The existing WWTP forklift is 20 years old and has had numerous reliability issues. There have been exhaust leaks, gear slipping issues, and fuel system problems. In addition, the forks on the existing equipment have been modified, thus derating the lifting capacity. A new forklift will be more reliable and have modern safety features.
Describe how this project/asset is to be completed (i.e. outside vendors, combination of vendor labor and staff labor, bid and purchase item, etc.):	Bid and Purchase.
If this is a refurbishment, what is the primary system or thing being refurbished and how long will it extend the useful life?:	N/A
Total Estimated Cost of Project/Asset (do not include cost of DSRSD staff time):	$35,000
Proposed Purchase Date (fiscal year):	FY 2016
Fund /Split	100% 310.70.53.050.5.555 Regional Sewer Replacement

CAPITAL REQUEST

Items of $10,000 or more

Division Name	Electrical, Instrumentation, and SCADA Maintenance
Requestor	Maurice Atendido
Proposed Purchase Date (Fiscal Year)	FYE 2017
Existing Asset Number (if a replacement asset)	Unit #57
Description of Project/Asset:	F-250 w/ service body
Explain why this project/asset is important (how is it important to the organization?; does it provide for long term savings/efficiency? Etc.)	During the economic downturn, Division 54 borrowed Unit #37 from Division 51 (FOD) instead of replacing Unit #57 with a new truck. Unit #57 was taken out of service and sold but never replaced. This purchase would allow us to return Unit #37 to FOD. The new truck would include a service body, tow package, and racks.
Describe how this project/asset is to be completed (i.e. outside vendors, combination of vendor labor and staff labor, bid and purchase item, etc.):	Bid and Purchase
If this is a refurbishment, what is the primary system or thing being refurbished and how long will it extend the useful life?:	N/A
Total Estimated Cost of Project/Asset (do not include cost of DSRSD staff time):	$38,000
Proposed Purchase Date (fiscal year):	FY 2017
Fund /Split	70% 310.70.54.050.5.555 Regional Sewer Replacement 30% 610.70.54.050.5.555 Water Replacement

Proposed Division Budget Summary*

		Budget Level				
		6-Board Approval	3-GM Review	3-GM Review		
		Fiscal Year			Variance %	
Division	Category	2015	2016	2017	2016	2017
10	1 - Personnel	126,752.19	116,947.36	116,947.36		
	2 - Materials & Supplies	4,800.00	2,800.00	2,800.00		
	3 - Contract Services	134,500.00	58,500.00	193,500.00		
	4 - Other	700.00	700.00	700.00		
10 - Legislative		**266,752.19**	**178,947.36**	**313,947.36**	**-32.92%**	**17.69%**
12	1 - Personnel	418,102.21	408,836.29	422,096.56		
	2 - Materials & Supplies	200.00	200.00	200.00		
	3 - Contract Services	5,500.00	5,600.00	5,600.00		
	4 - Other	134,125.00	156,591.00	158,291.00		
12 - Office of the General Manager		**557,927.21**	**571,227.29**	**586,187.56**	**2.38%**	**5.07%**
15	1 - Personnel	658,148.81	672,411.12	710,203.35		
	2 - Materials & Supplies	5,600.00	5,600.00	5,600.00		
	3 - Contract Services	42,550.00	216,880.00	260,980.00		
	4 - Other	1,170.00	1,370.00	1,370.00		
15 - Management Services Division		**707,468.81**	**896,261.12**	**978,153.35**	**26.69%**	**38.26%**
22	1 - Personnel	815,675.41	639,471.94	660,227.23		
	2 - Materials & Supplies	2,500.00	2,500.00	2,500.00		
	3 - Contract Services	136,198.00	176,524.00	161,302.00		
	4 - Other	2,250.00	2,250.00	2,250.00		
22 - Human Resources Division		**956,623.41**	**820,745.94**	**826,279.23**	**-14.20%**	**-13.63%**
24	1 - Personnel	632,730.82	611,339.83	632,598.28		
	2 - Materials & Supplies	13,650.00	7,750.00	13,750.00		
	3 - Contract Services	96,200.00	98,780.00	95,280.00		
	4 - Other	4,140.00	4,240.00	4,240.00		
24 - Public Information Division		**746,720.82**	**722,109.83**	**745,868.28**	**-3.30%**	**-0.11%**
26	1 - Personnel	356,131.96	338,774.05	352,221.47		
	2 - Materials & Supplies	22,500.00	34,850.00	35,200.00		
	3 - Contract Services	51,060.00	52,810.00	52,810.00		
	4 - Other	4,100.00	4,667.00	4,667.00		
26 - Safety Division		**433,791.96**	**431,101.05**	**444,898.47**	**-0.62%**	**2.56%**
30	1 - Personnel	590,727.88	545,701.87	562,850.10		
	2 - Materials & Supplies	1,150.00	400.00	400.00		
	3 - Contract Services	19,250.00	6,558.00	6,558.00		
	4 - Other	1,300.00	1,800.00	1,800.00		
30 - Financial Services Administration**		**612,427.88**	**554,459.87**	**571,608.10**	**-9.47%**	**-6.67%**
31	1 - Personnel	867,603.21	633,085.31	655,624.09		
	2 - Materials & Supplies	2,603.00	2,603.00	2,603.00		
	3 - Contract Services	153,262.45	132,722.60	92,727.50		
	4 - Other	1,000.00	1,000.00	1,000.00		
31 - Accounting Division		**1,024,468.66**	**769,410.91**	**751,954.59**	**-24.90%**	**-26.60%**
33	1 - Personnel	1,062,868.89	1,030,939.09	1,076,925.21		
	2 - Materials & Supplies	13,372.00	12,272.00	18,579.00		
	3 - Contract Services	187,806.60	217,818.00	201,332.00		
	4 - Other	800.00	800.00	800.00		
33 - Customer Service Division		**1,264,847.49**	**1,261,829.09**	**1,297,636.21**	**-0.24%**	**2.59%**
34	1 - Personnel	1,131,843.30	1,127,757.50	1,168,229.81		
	2 - Materials & Supplies	16,250.00	16,250.00	16,250.00		
	3 - Contract Services	234,342.00	232,880.00	225,705.00		
	4 - Other	2,750.00	2,550.00	2,550.00		
34 - Information Technology		**1,385,185.30**	**1,379,437.50**	**1,412,734.81**	**-0.41%**	**1.99%**
40	1 - Personnel	436,876.53	492,324.68	511,660.71		
	2 - Materials & Supplies	200.00	200.00	200.00		

Proposed Division Budget Summary*

	3 - Contract Services	18,050.00	15,000.00	15,000.00		
	4 - Other	2,605.00	2,300.00	2,300.00		
40 - Engineering Administration		**457,731.53**	**509,824.68**	**529,160.71**	**11.38%**	**15.61%**
41	1 - Personnel	1,273,511.24	1,256,067.54	1,297,430.34		
	2 - Materials & Supplies	4,200.00	7,400.00	7,800.00		
	3 - Contract Services	39,535.00	46,360.00	46,360.00		
	4 - Other	1,350.00	800.00	800.00		
41 - Design & Construction		**1,318,596.24**	**1,310,627.54**	**1,352,390.34**	**-0.60%**	**2.56%**
42	1 - Personnel	1,560,287.22	1,471,032.50	1,522,733.43		
	2 - Materials & Supplies	21,000.00	21,450.00	21,450.00		
	3 - Contract Services	75,700.00	106,560.00	100,060.00		
	4 - Other	3,300.00	2,800.00	2,800.00		
42 Planning & Permitting		**1,660,287.22**	**1,601,842.50**	**1,647,043.43**	**-3.52%**	**-0.80%**
43	1 - Personnel	524,386.71	462,449.00	477,965.18		
	2 - Materials & Supplies	500.00	1,700.00	0.00		
	3 - Contract Services	198,000.00	360,000.00	375,000.00		
	4 - Other	1,000.00	200.00	200.00		
43 - Asset Management		**723,886.71**	**824,349.00**	**853,165.18**	**13.88%**	**17.86%**
50	1 - Personnel	881,309.74	952,802.61	981,906.53		
	2 - Materials & Supplies	17,300.00	18,020.00	18,548.00		
	3 - Contract Services	51,480.72	56,341.00	56,977.00		
	4 - Other	122,629.50	150,232.00	158,192.00		
50 - Operations Administration Division		**1,072,719.96**	**1,177,395.61**	**1,215,623.53**	**9.76%**	**13.32%**
51	1 - Personnel	2,099,926.16	2,191,511.31	2,281,111.58		
	2 - Materials & Supplies	830,757.00	837,694.00	943,953.00		
	3 - Contract Services	583,625.00	690,835.00	620,423.00		
	4 - Other	16,850.00	16,850.00	16,850.00		
51 - Field Operations Division		**3,531,158.16**	**3,736,890.31**	**3,862,337.58**	**5.83%**	**9.38%**
52	1 - Personnel	1,953,872.78	1,911,472.24	1,991,036.55		
	2 - Materials & Supplies	1,182,831.14	1,219,329.60	1,246,390.10		
	3 - Contract Services	166,725.56	180,505.00	174,877.00		
	4 - Other	1,400.00	1,400.00	1,400.00		
52 - Plant Operations Division		**3,304,829.48**	**3,312,706.84**	**3,413,703.65**	**0.24%**	**3.29%**
53	1 - Personnel	1,983,637.43	1,967,139.81	2,044,976.96		
	2 - Materials & Supplies	646,740.00	644,000.00	639,000.00		
	3 - Contract Services	185,345.00	204,500.00	205,600.00		
	4 - Other	2,526.00	2,116.00	2,116.00		
53 - Mechanical Maint. Division		**2,818,248.43**	**2,817,755.81**	**2,891,692.96**	**-0.02%**	**2.61%**
54	1 - Personnel	1,538,431.33	1,506,088.02	1,578,532.69		
	2 - Materials & Supplies	161,126.00	164,253.00	164,106.00		
	3 - Contract Services	110,416.00	116,501.00	116,501.00		
	4 - Other	4,892.00	4,600.00	4,600.00		
54 - Electrical Maintenance Division		**1,814,865.33**	**1,791,442.02**	**1,863,739.69**	**-1.29%**	**2.69%**
55	1 - Personnel	863,937.25	857,893.67	888,950.55		
	2 - Materials & Supplies	71,240.00	84,700.00	85,040.00		
	3 - Contract Services	117,750.00	107,250.00	107,250.00		
	4 - Other	8,500.00	7,500.00	7,500.00		
55 - Analytical Laboratory		**1,061,427.25**	**1,057,343.67**	**1,088,740.55**	**-0.38%**	**2.57%**
70	1 - Personnel	771,850.00	790,345.45	775,455.04		
	2 - Materials & Supplies	9,856,394.54	10,557,459.21	10,868,999.31		
	3 - Contract Services	2,091,140.05	2,464,491.59	2,040,000.55		
	4 - Other	15,428,882.22	15,191,761.01	15,116,984.84		
70 - Non-Departmental		**28,148,266.81**	**29,004,057.26**	**28,801,439.74**	**3.04%**	**2.32%**
Grand Total		**53,868,230.85**	**54,729,765.20**	**55,448,305.32**	**1.60%**	**2.93%**

*Excludes Capital Outlay

**Includes Division 20 - Organizational Services Division

Division: 10
Fiscal Year(s) Ending: 2016, 2017
Budget Level: 3-GM Review

Placeholders: Exclude
Budget Adjustments: Exclude

Division 10 Budget Detail

Account	Title	Account Number	Description	FYE 2016	FYE 2017
100	Salaries	900.10.10.000.1.100	Salaries	56,160.00	56,160.00
			Salaries Total	**56,160.00**	**56,160.00**
125	Medical	900.10.10.000.1.125	Medical	25,104.00	25,104.00
			Medical Total	**25,104.00**	**25,104.00**
126	Retirement	900.10.10.000.1.126	Retirement	5,330.72	5,330.72
			Retirement Total	**5,330.72**	**5,330.72**
127	Other Benefits	900.10.10.000.1.127	Other Benefits	10,352.64	10,352.64
			Other Benefits Total	**10,352.64**	**10,352.64**
140	Training Costs	200.10.10.000.1.140	CONFERENCES 2 Boardmembers, 3 CASA Conferences (split 50/50 with Local/Regional)	4,500.00	4,500.00
			CONFERENCES 1 Boardmembers, CASA Conference (Washington DC) (split 50/50 with Local/Regional)	1,750.00	1,750.00
		300.10.10.000.1.140	CONFERENCES 2 Boardmembers, 3 CASA Conferences (split 50/50 with Local/Regional)	4,500.00	4,500.00
			CONFERENCES 1 Boardmembers, CASA Conference (Washington DC) (split 50/50 with Local/Regional)	1,750.00	1,750.00
		600.10.10.000.1.140	CONFERENCES 2 Boardmembers, 2 ACWA Conferences	6,000.00	6,000.00
		900.10.10.000.1.140	CONFERENCES 1 Boardmembers, 1 Conferences	1,500.00	1,500.00
			Training Costs Total	**20,000.00**	**20,000.00**
270	Office Supplies	900.10.10.000.2.270	General Supplies & Recognition Plaques	2,000.00	2,000.00
			Special Office Supplies	800.00	800.00
			Office Supplies Total	**2,800.00**	**2,800.00**
312	Professional Services	900.10.10.000.3.312	Auditor	33,000.00	33,000.00
			Professional Services Total	**33,000.00**	**33,000.00**

340	**Other Services**	900.10.10.000.3.340	Employee Recognition Event	20,000.00	20,000.00
			Delivery Charges for Board Packets	3,500.00	3,500.00
			2016 Board Election (estimated @ 3.00/registered voter @ 45,000)		135,000.00
			James B. Kohnen Scholarship (payble to ACWA & CASA)	2,000.00	2,000.00
			Other Services Total	**25,500.00**	**160,500.00**
400	**Meetings**	900.10.10.000.4.400	Board, Community & Other Meetings	700.00	700.00
			Meetings Total	**700.00**	**700.00**
			Division Total	**178,947.36**	**313,947.36**

Division: 12
Fiscal Year(s) Ending: 2016, 2017
Budget Level: 3-GM Review

Placeholders: Exclude
Budget Adjustments: Exclude

Division 12 Budget Detail

Account	Title	Account Number	Description	FYE 2016	FYE 2017
100	Salaries	900.10.12.000.1.100	Salaries	295,581.26	302,970.72
			Salaries Total	**295,581.26**	**302,970.72**
125	Medical	900.10.12.000.1.125	Medical	19,769.40	21,746.40
			Medical Total	**19,769.40**	**21,746.40**
126	Retirement	900.10.12.000.1.126	Retirement	79,595.29	83,216.22
			Retirement Total	**79,595.29**	**83,216.22**
127	Other Benefits	900.10.12.000.1.127	Other Benefits	4,490.34	4,763.22
			Other Benefits Total	**4,490.34**	**4,763.22**
140	Training Costs	200.10.12.000.1.140	CONFERENCES --Michalczyk, CASA Committee Member- Summer, TBD- (50/50 Split with Local/Regional) --Michalczyk, CASA Committee Member- Winter, TBD- (50/50 Split with Local/Regional) --Michalczyk, CASA Committee Member- Spring, TBD- (50/50 Split with Local/Regional)	2,250.00	2,250.00
		300.10.12.000.1.140	CONFERENCES --Michalczyk, CASA Committee Member- Summer, TBD- (50/50 Split with Local/Regional) --Michalczyk, CASA Committee Member- Winter, TBD- (50/50 Split with Local/Regional) --Michalczyk, CASA Committee Member- Spring, TBD- (50/50 Split with Local/Regional)	2,250.00	2,250.00
		600.10.12.000.1.140	CONFERENCES --Michalczyk, ACWA Dec2015, --Michalczyk, ACWA May2016, --Michalczyk, ACWA Misc Meetings, Committee Member- $600		3,000.00
			CONFERENCES --Michalczyk, ACWA Dec2015, --Michalczyk, ACWA May2016, --Michalczyk, ACWA Misc Meetings, Committee Member- $600	3,000.00	
		900.10.12.000.1.140	CONFERENCES (Other Conferences)	1,500.00	1,500.00
			Training Costs Total	**9,000.00**	**9,000.00**

170	Employee Memberships & Certifications	200.10.12.000.1.170	Water Environment Foundation (WEF)	100.00	100.00
		300.10.12.000.1.170	Water Environment Foundation (WEF)	125.00	125.00
		900.10.12.000.1.170	Southbay Engineers	50.00	50.00
			PE License	125.00	125.00
			Employee Memberships & Certifications Total	**400.00**	**400.00**
270	Office Supplies	900.10.12.000.2.270	General Office Supplies	200.00	200.00
			Office Supplies Total	**200.00**	**200.00**
312	Professional Services	900.10.12.000.3.312	Business Planning (Strategic Plan, Business Plan, etc.)	2,000.00	2,000.00
			Leadership Development and Management Consulting	3,500.00	3,500.00
			Professional Services Total	**5,500.00**	**5,500.00**
360	Telecommunication Services	900.10.12.000.3.360	Cell Phone Service	100.00	100.00
			Telecommunication Services Total	**100.00**	**100.00**
400	Meetings	900.10.12.000.4.400	Meetings --Local Meetings ($100) --Recognition/Team Building ($100) --Meetings Outside District ($1500)	1,700.00	1,700.00
			Meetings Total	**1,700.00**	**1,700.00**
410	Permits, Licenses & District Mbrshps	200.10.12.000.4.410	1. CASA (split 2/3 Fund 300; 1/3 Fund 200)	5,600.00	5,900.00
			2. BAYWORK (payable San Jose Water Co.)	2,200.00	2,200.00
		300.10.12.000.4.410	1. BACWA (Bay Area Clean Water Agencies)	8,600.00	8,800.00
			2. CASA (split 2/3 Fund 300; 1/3 Fund 200)	11,150.00	11,700.00
			3. BACWWE Water / Wastewater Operator Joint Training Contribution ($6500 x 2) (Payable to BACWA via EBMUD)	12,000.00	12,000.00
			4. WERF (Water Environment Research Foundation)	5,750.00	5,900.00
			5. BAYWORK (payble San Jose Water Co.)	2,200.00	2,200.00
			6. USA Membership (50% split with fund 600)	1,200.00	1,200.00
			7. National Association of Clean Water Agencies		10,600.00
			7. National Association of Clean Water Agencies	10,300.00	
		600.10.12.000.4.410	1. ACWA (Association of California Water Agencies)	28,800.00	28,800.00
			3. AWWA (District Membership-covers 1 primary + 3 active members)	3,550.00	3,700.00
			4. Western Recycled Water Coalition (WRWC) Annual Membership Fee (formerly Bay Area Recycled Water Coalition [BARWC]) (moved from div 42)	10,000.00	10,000.00

410	Permits, Licenses & District Mbrshps	600.10.12.000.4.410	5. California Urban Water Conservation Council	3,300.00	3,300.00
			6. Water Education Foundation (WEF)	1,550.00	1,550.00
			7. WateReuse	4,600.00	4,600.00
			8. WateReuse Research Foundation	6,000.00	6,000.00
			9. Pipe Users Group (PUG)	350.00	350.00
			10. WateReuse (Anuual Conference Scholarship)		2,000.00
			10.WateReuse (Anuual Conference Scholarship)	2,000.00	
			11. Alliance for Water Efficiency	500.00	500.00
			12. USA Membership (50% split with fund 300)	1,200.00	1,200.00
		900.10.12.000.4.410	1. Bay Area Pollution Prevention Group (BAPPG) (moved from Ops div 50)(paid to BACWA)	1,150.00	1,150.00
			2. Chamber of Commerce- Dublin	750.00	750.00
			3. Chamber of Commerce- San Ramon	1,100.00	1,100.00
			4. CSDA - Alameda County Chapter	75.00	75.00
			5. CSDA - Contra Costa County Chapter	100.00	100.00
			6. CSDA (California Special Districts Association)	6,200.00	6,200.00
			7. (DPIE [various sponsored activities] $1,000)	1,000.00	1,000.00
			8. East Bay Leadership Council	700.00	700.00
			9. EMA - Alameda County Emergency Manager's Assoc Membership for Safety Officer	50.00	50.00
			10. LAFCo - Alameda County (FYE 2016 Apportionment)	14,216.00	14,216.00
			11. National Safety Council (moved from div 26)	600.00	650.00
			12. San Ramon Valley Education Foundation Membership and Sponsored Activities	1,000.00	1,000.00
			13. Alameda & Contra Costa County Science Fairs, Sponsorship & Awards (moved from Div 24; 10)	1,200.00	1,200.00
			14. Utility Branding Network	5,000.00	5,000.00
			15. University of Southern California - Water Purveyor Membership with 2,400 - 20,000 Svc Connections - for List of Approved Backflow Prevention Assemblies	600.00	600.00
			Permits, Licenses & District Mbrshps Total	**154,591.00**	**156,291.00**
420	Subscriptions & Publications	900.10.12.000.4.420	Professional Publications	300.00	300.00
			Subscriptions & Publications Total	**300.00**	**300.00**
			Division Total	**571,227.29**	**586,187.56**

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Division: 15
Fiscal Year(s) Ending: 2016, 2017
Budget Level: 3-GM Review

Placeholders: Exclude
Budget Adjustments: Exclude

Division 15 Budget Detail

Account	Title	Account Number	Description	FYE 2016	FYE 2017
100	Salaries	900.10.15.000.1.100	Salaries	420,337.69	442,993.58
			Salaries Total	**420,337.69**	**442,993.58**
120	Overtime	900.10.15.000.1.120	Overtime	1,500.00	1,500.00
			Overtime Total	**1,500.00**	**1,500.00**
125	Medical	900.10.15.000.1.125	Medical	56,842.68	62,317.56
			Medical Total	**56,842.68**	**62,317.56**
126	Retirement	900.10.15.000.1.126	Retirement	130,467.25	139,365.96
			Retirement Total	**130,467.25**	**139,365.96**
127	Other Benefits	900.10.15.000.1.127	Other Benefits	13,013.50	13,776.25
			Other Benefits Total	**13,013.50**	**13,776.25**
140	Training Costs	900.10.15.000.1.140	JOB RELATED TRAINING / CONFERENCES (Amounts include all travel) --Hatfield, Rummel, Genzale CityClerksAssoc, ARMA, Bay Area & Certifs. --Rummel, (2) TTC - Riverside - $4,000 --Genzale, ARMA Chptr - $200 --Hatfield, CCAC & NCCCA Trainings - $2500	6,700.00	6,700.00
			PROFESSIONAL DEVELOPMENT --Weis - Admin Assts, CityClerksAssoc; Bay Area Training	300.00	300.00
			Training Costs Total	**7,000.00**	**7,000.00**
150	Temporary Help	900.10.15.000.1.150	Temporary Help - Records Management and Div. Projects	42,000.00	42,000.00
			Temporary Help Total	**42,000.00**	**42,000.00**
170	Employee Memberships & Certifications	900.10.15.000.1.170	Association of Records Managers and Admin - NGH and NMG	450.00	450.00
			International Institute of Municipal Clerks (National/State (3) NGH, NMG, LCR mbrships)	800.00	800.00
			Employee Memberships & Certifications Total	**1,250.00**	**1,250.00**
210	Equipment Under $10,000	900.10.15.000.2.210	Neopost Postage Machine Equipment Updates (yrly rate change protection / ACH fee / machine parts replacements)	800.00	800.00
			Equipment Under $10,000 Total	**800.00**	**800.00**

270	Office Supplies	900.10.15.000.2.270	General Supplies & Division Records Management Supplies	4,000.00	4,000.00
			Printer, Photocopier & Scanner Cartridges	800.00	800.00
			Office Supplies Total	**4,800.00**	**4,800.00**
312	Professional Services	900.10.15.000.3.312	District Code Ongoing Maintenance	2,000.00	2,000.00
			Incorporate WWTP & FOD Records into District-wide System	40,000.00	40,000.00
			Physical & Electronic Records Mgmt Program System Maintenance, Updates & Improvements	15,000.00	15,000.00
			Physical Records Management Inventory and Processing of Operations Records	125,000.00	150,000.00
			Professional Services Total	**182,000.00**	**207,000.00**
325	Maintenance Contracts	900.10.15.000.3.325	Versatile - Maintenance & Support (quoted)	5,400.00	5,600.00
			Versatile Imaging Maintenance & Support (quoted)	3,100.00	3,100.00
			Fujitsu Scanner Maintenance - Allied Network Solutions - (Lesser srvc = $1000, next $1420)	1,500.00	1,500.00
			Neopost Maintenance & Meter Rental & Scale (increased $100)	1,600.00	1,600.00
			OnBase Maintenance & Support for Software Application Modules	19,600.00	38,500.00
			ColorBar Label System Maintenance	1,000.00	1,000.00
			OnBase Office Business Application	300.00	300.00
			OnBase Production Document Imaging	400.00	400.00
			OnBase Workflow/Workview Concurrent Client SL	580.00	580.00
			Maintenance Contracts Total	**33,480.00**	**52,580.00**
340	Other Services	900.10.15.000.3.340	Records Management - Microfiche Board Records	900.00	900.00
			Other Services Total	**900.00**	**900.00**
360	Telecommunication Services	900.10.15.000.3.360	Tablet internet (appx. 40/mth x 12)	500.00	500.00
			Telecommunication Services Total	**500.00**	**500.00**
400	Meetings	900.10.15.000.4.400	Meetings --Recognition / Team Building (4 @ $100)	400.00	400.00
			--Local Professional Associations (Chamber, ARMA, City Clerks)	200.00	200.00
			Meetings Total	**600.00**	**600.00**
420	Subscriptions & Publications	900.10.15.000.4.420	Subscriptions, Books	70.00	70.00
			Legal Notice Publications	700.00	700.00

420	Subscriptions & Publications	Subscriptions & Publications Total	770.00	770.00
		Division Total	896,261.12	978,153.35

Division: 22
Fiscal Year(s) Ending: 2016, 2017
Budget Level: 3-GM Review

Placeholders: Exclude
Budget Adjustments: Exclude

Division 22 Budget Detail

Account	Title	Account Number	Description	FYE 2016	FYE 2017
100	Salaries	900.30.22.000.1.100	Salaries	358,051.33	367,002.74
			Salaries Total	**358,051.33**	**367,002.74**
120	Overtime	900.30.22.000.1.120	General OT for Technicians non-exempt positions for unplanned staff coverage - same as 2015	1,250.00	1,250.00
			Overtime Total	**1,250.00**	**1,250.00**
125	Medical	900.30.22.000.1.125	Medical	51,923.28	57,115.80
			Medical Total	**51,923.28**	**57,115.80**
126	Retirement	900.30.22.000.1.126	Retirement	113,625.59	118,591.33
			Retirement Total	**113,625.59**	**118,591.33**
127	Other Benefits	900.30.22.000.1.127	Other Benefits	11,049.74	11,645.36
			Other Benefits Total	**11,049.74**	**11,645.36**
130	Employee Recognition Awards	900.30.22.000.1.130	Pins for EE recognition event	1,015.00	1,015.00
			EE Recognition (EE, Team and Suggest of the Yr, $500 each)	1,500.00	1,500.00
			STAR Awards - ($500 x 4 GE mtgs)	2,000.00	2,000.00
			Qtrly drawings at GE mtgs ($250 x 4 mtgs = $1000)	1,000.00	1,000.00
			Certificate paper, ink costs	500.00	500.00
			$150 for GE mtg EE recognition food ($600)	600.00	600.00
			Employee Recognition Awards Total	**6,615.00**	**6,615.00**

140	**Training Costs**	900.30.22.000.1.140	JOB RELATED TRAINING --Hoffmann, NCCIPMA/Academy- $500 --Grashuis, NCCIPMA/PDW, Tri-valley- $200 --Lawson, NCCIPMA/PDW, Tri-valley- $200	900.00	900.00
			PROFESSIONAL DEVELOPMENT --Hoffmann, NCCIPMA/CalPELRA, BA County,- $500 --Gallardo, CalPELRA, BA County,- $500 --Killips, NCCIPMA/PARMA -$500 --Lawson, NCCIPMA/NCHRA -$500	2,000.00	2,000.00
			CONFERENCES/SEMINARS --Hoffmann/Gallardo, CalPelra, (Monterey)- $2,710 ($670 Registration, $85 Travel, $600 Misc x 2) --[FY15 only] CalPERS (San Jose) Conf $650 ($325 Reg x2) --Public Retire Sem (Sacramento) $210 ($190 reg, $20 parking)	3,570.00	
			CONFERENCES/SEMINARS --Hoffmann/Gallardo, CalPelra, (Monterey)- $2,710 ($670 Registration, $85 Travel, $600 Misc x 2) --[FY15 only] CalPERS (San Jose) Conf --Public Retire Sem (Sacramento) $210 ($190 reg, $20 parking)		2,920.00
			Training Costs Total	**6,470.00**	**5,820.00**
141	**Group Training Services**	900.30.22.000.1.141	Full Management Training (MOU/Rules, Investigations, W/C training, etc.)	500.00	500.00
			Organizational Wide compliance and related training as determined by Training Needs Assessment, online training for AB1825, Workplace Violence prevention, and HIPAA, electronic modules/training content	12,000.00	12,000.00
			Group Training Services Total	**12,500.00**	**12,500.00**
145	**Tuition Reimbursement**	900.30.22.000.1.145	Education-Tuition Reimbursement Program reinstated in 2012	10,000.00	10,000.00
			Tuition Reimbursement Total	**10,000.00**	**10,000.00**
150	**Temporary Help**	900.30.22.000.1.150	HR support for personnel rule updates, recruitment, compliance reviews, etc.	64,500.00	66,200.00
			Temporary Help Total	**64,500.00**	**66,200.00**
170	**Employee Memberships & Certifications**	900.30.22.000.1.170	MG- CalPelra ($350) / NCCIPMA ($60)	410.00	410.00
			CH- CalPelra ($350) / IPMA ($107)	457.00	457.00
			SG- NCCIPMA ($60)	60.00	60.00
			CL- NCCIPMA ($60)	60.00	60.00
			Employee Memberships & Certifications Total	**987.00**	**987.00**
171	**Certificate Reimbursement Program**	900.30.22.000.1.171	Certificate Reimbursement Program reinstated in 2012	2,500.00	2,500.00
			Certificate Reimbursement Program Total	**2,500.00**	**2,500.00**

270	Office Supplies	900.30.22.000.2.270	Division Office Supplies (Personnel Filing Folders, fax/copy/print/scan machine replacement, desk top printer cartridges, calendars, ergo, shipping, conf calls, supplies not provided in general supply room)	2,500.00	2,500.00
			Office Supplies Total	**2,500.00**	**2,500.00**
310	Legal Services	900.30.22.000.3.310	Employment related legal services - Based on current usage and upcoming potential litigation	75,000.00	75,000.00
			Legal Services Total	**75,000.00**	**75,000.00**
312	Professional Services	900.30.22.000.3.312	Comp/Benefits Study - Labor Neg data prep for FY17	10,000.00	
			Comp/Benefits Study (data update) - Labor Neg in FY17		4,000.00
			General HR consulting services including special reclass requisitions, special projects and recruitment (includes FY16-SO Recruitment 10K) Increase from FY15 due to separations	35,000.00	
			General HR consulting services including special reclass requisitions, special projects and recruitment -decrease $10 from FY16		25,000.00
			Chromium testing for Valley Care (pre and post task exams) (reduced from $2000 in FY14 and FY15)	1,000.00	1,000.00
			Def Comp 457 plan admin/investment consulting services	10,000.00	10,000.00
			Professional Services Total	**56,000.00**	**40,000.00**
315	Advertising	900.30.22.000.3.315	Average advertising expense per recruitment = $750 Estimate 6 external recruitments due to retirement in critical positions	4,500.00	4,500.00
			Advertising Total	**4,500.00**	**4,500.00**
325	Maintenance Contracts	900.30.22.000.3.325	Eden Maintenance Contract	7,002.00	7,002.00
			NeoGov Contract Fees	3,600.00	3,600.00
			SAMBA CA Employer Pull Notice (DOT regs) Annual Maintenance	2,150.00	2,150.00
			EthicsPoint Annual Maintenance	2,500.00	2,500.00
			Halogen (8% inc est.annually) eAppraisal and LMS, SSO, Hosting, & M&S	10,672.00	11,450.00
			Maintenance Contracts Total	**25,924.00**	**26,702.00**
340	Other Services	900.30.22.000.3.340	Hiring Costs (bck grd chcks, physcials, appr brd,test rental) Average $2,000 per external recruitment. Estimate 6 external recruitments	12,000.00	12,000.00
			DATCO - same as 2015; per vendor no anticipated increase	2,100.00	2,100.00
			Other Services Total	**14,100.00**	**14,100.00**
350	Printing Services	900.30.22.000.3.350	Announcements/Applications/Programs	1,000.00	1,000.00
			Printing Services Total	**1,000.00**	**1,000.00**

400	**Meetings**	900.30.22.000.4.400	Local Prof Meetings (5 @ $50)	250.00	250.00
			Recognition and Team Buildling (5 @ $100)	500.00	500.00
			Meetings Total	**750.00**	**750.00**
420	**Subscriptions & Publications**	900.30.22.000.4.420	Compliance posters	500.00	500.00
			HR and Training related subscriptions	500.00	500.00
			Surveys, CASA and AWWA, Jobs Available	500.00	500.00
			Subscriptions & Publications Total	**1,500.00**	**1,500.00**
			Division Total	**820,745.94**	**826,279.23**

Division: 24
Fiscal Year(s) Ending: 2016, 2017
Budget Level: 3-GM Review

Placeholders: Exclude
Budget Adjustments: Exclude

Division 24 Budget Detail

Account	Title	Account Number	Description	FYE 2016	FYE 2017
100	Salaries	300.30.24.000.1.100	Salaries	127,593.44	130,783.25
		600.30.24.000.1.100	Salaries	127,593.18	130,782.99
		900.30.24.000.1.100	Salaries	159,064.62	163,041.19
			Salaries Total	**414,251.24**	**424,607.43**
120	Overtime	300.30.24.000.1.120	OT re wastewater issues	300.00	300.00
		600.30.24.000.1.120	OT re water, recycled water issues	300.00	300.00
			Overtime Total	**600.00**	**600.00**
125	Medical	300.30.24.000.1.125	Medical	14,826.60	16,309.44
		600.30.24.000.1.125	Medical	14,827.32	16,309.92
		900.30.24.000.1.125	Medical	18,781.80	20,660.16
			Medical Total	**48,435.72**	**53,279.52**
126	Retirement	300.30.24.000.1.126	Retirement	39,839.73	41,553.66
		600.30.24.000.1.126	Retirement	39,839.05	41,554.32
		900.30.24.000.1.126	Retirement	49,491.78	51,623.90
			Retirement Total	**129,170.56**	**134,731.88**
127	Other Benefits	300.30.24.000.1.127	Other Benefits	2,926.25	3,079.09
		600.30.24.000.1.127	Other Benefits	2,926.98	3,080.26
		900.30.24.000.1.127	Other Benefits	3,644.08	3,835.10
			Other Benefits Total	**9,497.31**	**9,994.45**

140	**Training Costs**	200.30.24.000.1.140	CONFERENCES - ROLE --SS- CASA Annual Conference, Communications Committee Co-Chair, $600 (50/50 Split Local/Reg) --SS- CASA Mid-Year Conference, Communications Committee Co-chair, $600 (50/50 Split Local/Reg) --SS- CASA Spring Legislative Day, Sacramento, Communications Committee Co-Chair $100 (50/50 Split Local/Reg)	1,300.00	1,300.00
		300.30.24.000.1.140	CONFERENCES - ROLE --SS- CASA Annual Conference, Communications Committee So-Chair, $600 (50/50 Split Local/Reg) --SS- CASA Mid-Year Conference,Communications Committee Co0Chair, $600 (50/50 Split Local/Reg) --SS- CASA Spring Legislative Day, Sacramento, Communications Committee Co-Chair, $100 (50/50 Split Local/Reg)	1,300.00	1,300.00
		600.30.24.000.1.140	ACWA Committee and Board meetings	850.00	850.00
			CONFERENCES -- SS, ACWA Fall Conference, Communications Committee Co-Chair $1,200 -- SS, ACWA, Spring Conference, Communications Committee Co-CHair $1,200 -- RO, CUWCC &/or DWR meetings, Committeemember, $1,200	3,600.00	3,600.00
		900.30.24.000.1.140	PROFESSIONAL DEVELOPMENT -- LM, local software training, $400 --JC, local workshops/seminars regarding Indesign, Illustrator, Photoshop, photography, Acrobat PDF form building, web software and best practices $400 -- RO, CAPIO monthlymeetings - $400 -- SS, CAPIO monthlymeetings - $400	1,600.00	1,600.00
			Training Costs Total	**8,650.00**	**8,650.00**
170	**Employee Memberships & Certifications**	900.30.24.000.1.170	SS, CAPIO	225.00	225.00
			JC, Assn Internatl Graphic Artists	400.00	400.00
			JC, Natl Assn Photoshop Users membership	110.00	110.00
			Employee Memberships & Certifications Total	**735.00**	**735.00**
210	**Equipment Under $10,000**	900.30.24.000.2.210	Laser Printer		6,000.00
			Misc. (camera, printer and laminator consumables)	500.00	
					500.00
			Equipment Under $10,000 Total	**500.00**	**6,500.00**

270	**Office Supplies**	300.30.24.000.2.270	Educational materials for tours and presentations (pollution prevention)	500.00	500.00
		600.30.24.000.2.270	4th grade activity booklets (water conservation) 1,700 students	2,500.00	2,500.00
		900.30.24.000.2.270	Engrave EE plaques (EE of Year,Suggestion of Year, Team of Year, Supervisor of Year...)	500.00	500.00
			Office Supplies	1,000.00	1,000.00
			Laminating consumables	550.00	550.00
			Engineering plotte rconsumables	2,200.00	2,200.00
			Office Supplies Total	**7,250.00**	**7,250.00**
312	**Professional Services**	900.30.24.000.3.312	Graphic design special projects	3,500.00	3,500.00
			Teacher grant program: $1,000 each to 3 HS teachers to teach sewer science; $200 each to 5th grade teachers to teach RW lesson	5,000.00	5,000.00
			Phase III of Branding... developing the Influential Public (may be able to split this cost with other retailers/wholesaler?)	20,000.00	20,000.00
			Professional Services Total	**28,500.00**	**28,500.00**
315	**Advertising**	200.30.24.000.3.315	FOG campaign	3,500.00	3,500.00
		300.30.24.000.3.315	Chamber Ads, maps, directories, special mailings	500.00	500.00
			Community booth rental, decorations	300.00	300.00
			Pollution prevention campaign	1,000.00	1,000.00
		600.30.24.000.3.315	Chamber Ads, maps, directories, special mailings	500.00	500.00
			Community booth rentals, decorations	250.00	250.00
			State campaign, drought advertising	2,500.00	2,500.00
		900.30.24.000.3.315	Giveaways for tours, events, etc.		5,300.00
				2,300.00	
			WWTP Tour Signage (outdoor)	6,500.00	
			Enhance website: display BOD video. indexed		7,000.00
				7,000.00	
			Community Events supplies (St. Pat's, Science Fairs)		300.00
				300.00	
			Advertising Total	**24,650.00**	**21,150.00**

325	**Maintenance Contracts**	900.30.24.000.3.325	Font Mgt Software	500.00	500.00
			Fonts	400.00	400.00
			Microsoft Project (3 yr. contract)	700.00	700.00
			Creative Suite Upgrades for 3 computers	2,600.00	2,600.00
			Maintenance Contracts Total	**4,200.00**	**4,200.00**
340	**Other Services**	900.30.24.000.3.340	CTV-30, dub DVDs	100.00	100.00
			Fed Ex, One Hour Delivery fees	100.00	100.00
			Other Services Total	**200.00**	**200.00**
350	**Printing Services**	200.30.24.000.3.350	Post card to San Ramon sewer customers re:CPI increases.	7,000.00	7,000.00
		300.30.24.000.3.350	3 Bill inserts regarding pollution prevention, FOG $1400 ea	4,200.00	4,200.00
		600.30.24.000.3.350	3 Bill inserts regarding water conservation, recycled water	4,200.00	4,200.00
			Watermark, annual water quality report promotional costs. Costs are for bill inserts notifying customers where to find report online.	3,000.00	3,000.00
			Promotional mobile signage on District Vehicles	3,500.00	3,500.00
		900.30.24.000.3.350	2 bill inserts, $1400 ea	2,800.00	2,800.00
			Collateral materials (odor wheel, odor hotline magnet, etc.)	1,000.00	1,000.00
			Print, mount, frame Resolutions, Proclamations, posters, etc.	400.00	400.00
			Special issue postcards: P2, RW, FOG, WC, construction notices	14,000.00	14,000.00
			Printing Services Total	**40,100.00**	**40,100.00**
360	**Telecommunication Services**	900.30.24.000.3.360	Ipad data plan	480.00	480.00
			Cell phone	650.00	650.00
			Telecommunication Services Total	**1,130.00**	**1,130.00**
400	**Meetings**	300.30.24.000.4.400	Host one BAB2E Meeting	100.00	100.00
		900.30.24.000.4.400	Recognition/Team Building - $100 x 4 employees		400.00
			Recognition/Team Building- $100 x 4 employees	400.00	
			Local Meetings - $100 x 4 employees	400.00	400.00
			Meetings Total	**900.00**	**900.00**

420	Subscriptions & Publications	900.30.24.000.4.420	Lynda.com (tech support for graphic design)	400.00	400.00
			Newspapers: Tri Valley Herald, Valley Times, Pleas	400.00	400.00
			Design publications	440.00	440.00
			Liquid Library (stock illustrations)	1,800.00	1,800.00
			WEF pubs for 11 highschools, libraries	300.00	300.00
			Subscriptions & Publications Total	**3,340.00**	**3,340.00**
			Division Total	**722,109.83**	**745,868.28**

Division: 26
Fiscal Year(s) Ending: 2016, 2017
Budget Level: 3-GM Review

Placeholders: Exclude
Budget Adjustments: Exclude

Division 26 Budget Detail

Account	Title	Account Number	Description	FYE 2016	FYE 2017
100	Salaries	900.30.26.000.1.100	Salaries	204,047.22	214,671.52
			Salaries Total	**204,047.22**	**214,671.52**
120	Overtime	900.30.26.000.1.120	General OT for Safety Technician non-exempt position for after hours ROP student safety orientations, etc.	1,000.00	1,000.00
			Overtime Total	**1,000.00**	**1,000.00**
125	Medical	900.30.26.000.1.125	Medical	41,186.25	45,305.00
			Medical Total	**41,186.25**	**45,305.00**
126	Retirement	900.30.26.000.1.126	Retirement	50,972.37	53,945.81
			Retirement Total	**50,972.37**	**53,945.81**
127	Other Benefits	900.30.26.000.1.127	Other Benefits	7,881.21	8,334.14
			Other Benefits Total	**7,881.21**	**8,334.14**
130	Employee Recognition Awards	900.30.26.000.1.130	Safety Incentive Program (reinstated in FY13)	1,500.00	1,500.00
			Employee Recognition Awards Total	**1,500.00**	**1,500.00**
140	Training Costs	900.30.26.000.1.140	JOB RELATED TRAINING --JR- Safety Ctr- PARMA/CWEA $500 --SO- CSRMA/PARMA/CWEA $1000 --EE Volunteer 1- Emergency Resp- CSRMA (SP)- $250 --EE Volunteer 2- Emergency Resp- CSRMA (SP)- $250 --JC- CPR Training Certification- $200	2,200.00	2,200.00
			PROFESSIONAL DEVELOPMENT --JR- PARMA/OSHA Cert $500 --SO - PARMA/CWEA $500	500.00	500.00
			CONFERENCES SO/JR ASSE Symposium (Reg $150, travel $25, Food, $15 x 2)	380.00	380.00
			Training Costs Total	**3,080.00**	**3,080.00**

141	**Group Training Services**	200.30.26.000.1.141	Flagger/Traffic training (Split 20/40/20/20 btw 900/600/300/200)	950.00	
			USA Mark and Locate Compliance Training (Split 40/25/35 btw 600/300/200)	1,820.00	1,820.00
		300.30.26.000.1.141	Fire Prevention (Required, split 40/25/35 btw 600/300/200)	25.00	25.00
			Excavation/Trenching/Shoring (Required, split 50/50 btw 600/300)	500.00	500.00
			Flagger/Traffic training (Split 20/40/20/20 btw 900/600/300/200)	950.00	
			USA Mark and Locate Compliance Training (Split 40/25/35 btw 600/300/200)	1,300.00	1,300.00
		600.30.26.000.1.141	Asbestos Awareness Training - Regulatory Requirement - Annual. Mandated	2,500.00	2,500.00
			Fire Prevention (Required, split 40/25/35 btw 600/300/200)	40.00	40.00
			Excavation/Trenching/Shoring (Required, Split 50/50 btw 300/600)	500.00	500.00
			Flagger/Traffic training (Split 20/40/20/20 btw 900/600/300/200)	1,900.00	
			USA Mark and Locate Compliance Training (Split 40/25/35 btw 600/300/200)	2,080.00	2,080.00
		900.30.26.000.1.141	NIMS Training (required)	3,000.00	3,000.00
			Confined Space Rescue Team Training - Regulatory - biannual	5,000.00	5,000.00
			Supervisor Safety Training (Acc Invest, Job Haz Analy, Reason Susp, DOT)	2,500.00	2,500.00
			Flagger/Traffic training (Split 20/40/20/20 btw 900/600/300/200)	950.00	
			CPR and First Aid District Wide Training & Materials - Regulatory (workbooks, cards, lungs for dummies, etc...). 50 staff /year at $33 each.	1,650.00	1,650.00
			Group Training Services Total	**25,665.00**	**20,915.00**
160	**Uniforms & Safety Equipment**	200.30.26.000.1.160	SCBA Maintenance	250.00	250.00
		300.30.26.000.1.160	Fall protection	250.00	250.00
			Self Contained Breathing Apparatus (SCBA) Maintenance - Regulatory - Annual	750.00	750.00
		600.30.26.000.1.160	Fall protection	250.00	250.00
			Self Contained Breathing Apparatus (SCBA) Maintenance - Regulatory - Annual	750.00	750.00
		900.30.26.000.1.160	JR/SO-Safety shoes ($200 max each)	400.00	400.00
			Uniforms & Safety Equipment Total	**2,650.00**	**2,650.00**
170	**Employee Memberships & Certifications**	900.30.26.000.1.170	ASSE - America Society Safety Engineers (JR/SO) $250 each		500.00
			ASSE - America Society Safety Engineers (JR/SO) $240 each	480.00	
			CWEA - California Water Environment Association, SFBay Section (JR/SO) $160 each		320.00
			CWEA - California Water Environment Association, SFBay Section (JR/SO) $156 each	312.00	
			Employee Memberships & Certifications Total	**792.00**	**820.00**

230	**Fuel**	900.30.26.000.2.230	Honda Civic #DS70	500.00	500.00
			Fuel Total	**500.00**	**500.00**
250	**General Supplies**	900.30.26.000.2.250	Miscellaneous safety consumables including OSHA required PPE (3% inc over FY16)		16,600.00
			Miscellaneous safety consumables including OSHA required PPE (2% inc over FY15)	16,100.00	
			Disaster Food / Water / Supplies for DO and WWTP Disaster Caches. Food and shelter for 20 people for 5 days. Expense spread over 2 years. Replacement of stock, FOD (increase from $1500 to $5000 in FY16 and FY17)	5,000.00	5,000.00
			Ergonomic equipment purchase to accommodate recommendations from ergomomist, and per Ergonomic Safety program. (increase from $1,500 to $11K)	11,000.00	11,000.00
			Automated External Defibrillator (AED) Maintenance - Annual (5 units)	1,000.00	1,000.00
			General Supplies Total	**33,100.00**	**33,600.00**
270	**Office Supplies**	900.30.26.000.2.270	Office Supplies and Expenses	750.00	600.00
			Security Consumables (Badges, keys, lanyards, Etc.).	500.00	500.00
			Office Supplies Total	**1,250.00**	**1,100.00**
312	**Professional Services**	200.30.26.000.3.312	Respirator Physical Exams (Valleycare) 25% of 64 @ 115	1,840.00	1,840.00
		300.30.26.000.3.312	Respirator Physical Exams (Valleycare) 50% of 64 @ $115	3,680.00	3,680.00
		600.30.26.000.3.312	Respirator Physical Exams (Valleycare) 25% of 64 @ $115	1,840.00	1,840.00
		900.30.26.000.3.312	DOT medical exams (annual) 20 EEs at $85 each	1,700.00	1,700.00
			Consulting services, safety program review and consultation	15,000.00	15,000.00
			Ergonomic evaluations. Anticipate up to 6 new EEs plus ergo issues in the past year. (Increase from $1,000 to $3,000 for biannual ergo eval walk-thru)	3,000.00	3,000.00
			Cal Osha job assessment consulting	10,000.00	10,000.00
			Professional Services Total	**37,060.00**	**37,060.00**

340	Other Services	200.30.26.000.3.340	First Aid Kit Maintenance. Vendor service for monthly maint.	500.00	500.00
		300.30.26.000.3.340	DOSE Badge Calibration	400.00	400.00
			First Aid Kit Maintenance. Vendor service for monthly maint.	1,000.00	1,000.00
			Fire extinguisher service (annual)	2,000.00	2,000.00
		600.30.26.000.3.340	First Aid Kit Maintenance. Vendor service for monthly maint.	1,250.00	1,250.00
			Fire Extinguisher Service (annual)	2,000.00	2,000.00
		900.30.26.000.3.340	Fire extinguisher service (annual). Regulatory/mandated	2,000.00	2,000.00
			First Aid Kit Maintenance service (Est $125 x 4 visits qtrly)	500.00	500.00
			Security Back-up alarm response for DO (increase from $750 to $1000, costs were over $1000 in FY14)	1,000.00	1,000.00
			Security and Fire Alarm System Monitoring - New - Transfer from OPS [Inc from $3000, costs in 2013 were over $4000]	4,500.00	4,500.00
			Other Services Total	**15,150.00**	**15,150.00**
360	Telecommunication Services	900.30.26.000.3.360	Cellular Telephone Service - 2 phones @ $25/month	600.00	600.00
			Telecommunication Services Total	**600.00**	**600.00**
400	Meetings	900.30.26.000.4.400	--Local Professional meetings = $100 --Recognition/Team Buidling = $100 x 2	300.00	300.00
			Meetings Total	**300.00**	**300.00**
410	Permits, Licenses & District Mbrshps	300.30.26.000.4.410	NCCCO crane test site fee (annual fee). Retain certification for the crane test site for 2 types of mobile cranes used by our Maintenance staff.	100.00	100.00
			Elevator Permits (3 elevators at WWTP), Cal OSHA permit, annual requirement, regulaory, mandatory	500.00	500.00
		900.30.26.000.4.410	DO Fire Inspection (annual) Alameda County Fire Department, mandatory	200.00	200.00
			National Safety Council	502.00	502.00
			Fire Alarm Annual Test - Regulatory, mandatory	300.00	300.00
			Permits, Licenses & District Mbrshps Total	**1,602.00**	**1,602.00**
420	Subscriptions & Publications	900.30.26.000.4.420	Cal OSHA Reporter subscription (annual). Provides timely information concerning safety regulations and interpretations in California.	600.00	600.00
			Costco Membership	165.00	165.00
			Material Safety Data Sheet (MSDS) Intranet Subscription (annual). Customized inventory management for our chemical holdings. (Subscription incr in FY15)	2,000.00	2,000.00
			Subscriptions & Publications Total	**2,765.00**	**2,765.00**
			Division Total	**431,101.05**	**444,898.47**

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Division: 30
Fiscal Year(s) Ending: 2016, 2017
Budget Level: 3-GM Review

Placeholders: Exclude
Budget Adjustments: Exclude

Division 30 Budget Detail

Account	Title	Account Number	Description	FYE 2016	FYE 2017
100	Salaries	900.30.30.000.1.100	Salaries	224,690.18	231,756.94
			Salaries Total	**224,690.18**	**231,756.94**
125	Medical	900.30.30.000.1.125	Medical	25,916.43	28,508.38
			Medical Total	**25,916.43**	**28,508.38**
126	Retirement	900.30.30.000.1.126	Retirement	65,693.16	68,041.86
			Retirement Total	**65,693.16**	**68,041.86**
127	Other Benefits	900.30.30.000.1.127	Other Benefits	5,991.31	6,322.02
			Other Benefits Total	**5,991.31**	**6,322.02**
140	Training Costs	900.30.30.000.1.140	CSMFO Conference(Nor CAL) Spring 2017 Day trips		350.00
			Online AICPA Training sessions	225.00	
			AICPA Online studies		225.00
			CALPERA, Monterey Registration $1020+Rooms(200*3)+$50 Misc Meals included+$100 commute.	1,770.00	
			Training Costs Total	**1,995.00**	**575.00**
170	Employee Memberships & Certifications	900.30.30.000.1.170	JA CALPERA	350.00	350.00
			JA AICPA membership	270.00	270.00
			Employee Memberships & Certifications Total	**620.00**	**620.00**
270	Office Supplies	900.30.30.000.2.270	Supplies		400.00
			Non-stock office supplies	400.00	
			Office Supplies Total	**400.00**	**400.00**
300	Insurance	900.30.30.000.3.300	Bond -Treasurer based on 2014 actual	658.00	658.00
			Open claims (YTD 2015 $1167)	2,000.00	2,000.00
			Insurance Total	**2,658.00**	**2,658.00**
312	Professional Services	900.30.30.000.3.312	Misc. professional services to address specific issues that may arise	1,400.00	1,400.00
			District Wide Training as needed - From Dept. 20	2,500.00	2,500.00
			Professional Services Total	**3,900.00**	**3,900.00**

400	**Meetings**	900.30.30.000.4.400	Full recognition to be budgeted in each division (1 employee)	100.00	100.00
			Local professional meetings	100.00	100.00
			Meetings with outside the District persons	1,500.00	1,500.00
			Meetings Total	**1,700.00**	**1,700.00**
420	**Subscriptions & Publications**	900.30.30.000.4.420	Miscellaneous Publications	100.00	100.00
			Subscriptions & Publications Total	**100.00**	**100.00**
			Division Total	**333,664.08**	**344,582.20**

Division: 20
Fiscal Year(s) Ending: 2016, 2017
Budget Level: 3-GM Review

Placeholders: Exclude
Budget Adjustments: Exclude

Division 20 Budget Detail

Account	Title	Account Number	Description	FYE 2016	FYE 2017
100	Salaries	900.30.20.000.1.100	Salaries	164,377.33	168,486.76
			Salaries Total	**164,377.33**	**168,486.76**
125	Medical	900.30.20.000.1.125	Medical	5,451.12	5,451.12
			Medical Total	**5,451.12**	**5,451.12**
126	Retirement	900.30.20.000.1.126	Retirement	46,446.91	48,323.14
			Retirement Total	**46,446.91**	**48,323.14**
127	Other Benefits	900.30.20.000.1.127	Other Benefits	4,520.43	4,764.88
			Other Benefits Total	**4,520.43**	**4,764.88**
			Division Total	**220,795.79**	**227,025.90**

Division: 31
Fiscal Year(s) Ending: 2016, 2017
Budget Level: 3-GM Review

Placeholders: Exclude
Budget Adjustments: Exclude

Division 31 Budget Detail

Account	Title	Account Number	Description	FYE 2016	FYE 2017
100	Salaries	900.30.31.000.1.100	Salaries	441,125.06	454,724.01
			Salaries Total	**441,125.06**	**454,724.01**
125	Medical	900.30.31.000.1.125	Medical	39,155.64	42,652.32
			Medical Total	**39,155.64**	**42,652.32**
126	Retirement	900.30.31.000.1.126	Retirement	139,775.66	144,674.49
			Retirement Total	**139,775.66**	**144,674.49**
127	Other Benefits	900.30.31.000.1.127	Other Benefits	10,013.95	10,558.27
			Other Benefits Total	**10,013.95**	**10,558.27**
140	Training Costs	900.30.31.000.1.140	JOB RELATED TRAINING - Local Valdez - Year End Payroll $500 Chen - Financial mgt/grant workshops $450 Russo - CalPERS workshops $200 Russo/Vaden - CAPPO purchasing $200	1,350.00	1,350.00
			JOB RELATED TRAINING - out of town Vaden - CSMFO conference (Sacramento)		850.00
			JOB RELATED TRAINING - out of town Chen - CMTA (location TBD)	850.00	
			Training Costs Total	**2,200.00**	**2,200.00**
170	Employee Memberships & Certifications	900.30.31.000.1.170	KV- CSMFO ($125) / GFOA ($160)	285.00	285.00
			HC- CMTA ($155) membership	155.00	155.00
			JV- Payroll Association ($220), NR Purchasing Association- CAPPO ($150)	375.00	375.00
			Employee Memberships & Certifications Total	**815.00**	**815.00**

270	**Office Supplies**	900.30.31.000.2.270	Misc Office Supplies	200.00	200.00
			Calendars $30		
			Cartridge for checks (odd years)	253.00	253.00
			Envelopes and toner for AP	100.00	100.00
			Replacement floor mats 2 per year	100.00	100.00
			Replacement desk chairs	600.00	600.00
			Laser checks annual supply	550.00	550.00
			Work station modifications	800.00	800.00
			Office Supplies Total	**2,603.00**	**2,603.00**
312	**Professional Services**	200.30.31.000.3.312	Local Rate study to include revision to Asset replacement funding and increased satffing costs,	10,000.00	
		220.30.31.000.3.312	Last Local Capacity Fee study June 2010. To be done in the future with the WW Master Plan and should be budgeted in Engineering.	1.00	
		300.30.31.000.3.312	Regional rate study last CPI was 2015. include large users	39,000.00	
		320.30.31.000.3.312	Last study dated May 2010. Next study should be done in conjunction with WW Master Plan and budgeted by Engineering.Will be done with MASTER PLan	1.00	
		600.30.31.000.3.312	Water rate Study update		30,000.00
			CURRENT STUDY TO BE ADOPTED 2013. NEXT STUDY 2017.	1.00	
		620.30.31.000.3.312	Next study to be done in conjuntion with Water Master Plan and should be budgeted by Engineering.	1.00	
		900.30.31.000.3.312	CAFR Application	550.00	550.00
			Budget Application	200.00	
			OpenGov		7,000.00
				7,000.00	
			OPEB Valuation (July 1st of even years)	9,200.00	
			CalPERS GASB68 valuation		2,500.00
				2,500.00	
			Professional Services Total	**68,454.00**	**40,050.00**

325	Maintenance Contracts	900.30.31.000.3.325	Eden Software Maintenance Current Year plus EDEN estimate increase (5% per year)	38,148.60	40,057.50
			Tracker investment software annual fee $2,820; module for charts & graphs $600	3,420.00	3,420.00
			Intellitime Maintenance (Scheduled $1,600 per 2-14 email plus $600 (4 hrs X $150 unscheduled maintenance). On years with MOU renewal 2017 consider adding more unscheduled maintenance.	2,200.00	2,200.00
			Maintenance Contracts Total	**43,768.60**	**45,677.50**
340	Other Services	900.30.31.000.3.340	Bank Charges for monthly services.	6,000.00	6,500.00
			Other Misc Fees	500.00	500.00
			Other Services Total	**6,500.00**	**7,000.00**
350	Printing Services	200.30.31.000.3.350	Prop 218 Notice shared with Regional	7,000.00	
		300.30.31.000.3.350	Prop 218 Noticing shared with Local	7,000.00	
			Printing Services Total	**14,000.00**	
400	Meetings	900.30.31.000.4.400	Local Professional Associations (4*100)	400.00	400.00
			Recognition/ Team Building (4*100)	400.00	400.00
			Meeting outside of District		200.00
			Meeting outside District with another agency using EDEN software.	200.00	
			Meetings Total	**1,000.00**	**1,000.00**
			Division Total	**769,410.91**	**751,954.59**

Division: 33
Fiscal Year(s) Ending: 2016, 2017
Budget Level: 3-GM Review

Placeholders: Exclude
Budget Adjustments: Exclude

Division 33 Budget Detail

Account	Title	Account Number	Description	FYE 2016	FYE 2017
100	Salaries	200.30.33.330.1.100	Salaries	50,582.29	52,479.53
		200.30.33.335.1.100	Salaries	16,669.64	17,086.68
		300.30.33.330.1.100	Salaries	50,582.65	52,479.38
		300.30.33.335.1.100	Salaries	16,669.90	17,086.42
		600.30.33.330.1.100	Salaries	389,836.60	404,641.33
		600.30.33.335.1.100	Salaries	133,358.42	136,692.40
		900.30.33.330.1.100	Salaries	14,822.99	15,193.49
			Salaries Total	**672,522.49**	**695,659.23**
120	Overtime	200.30.33.330.1.120	OT for Customer Service + 2.5% -10% allocated to this account	107.60	110.30
		200.30.33.335.1.120	OT for Customer Field Staff + 2.5% -10% allocated to this account	107.60	110.30
		300.30.33.330.1.120	OT for Customer Service + 2.5% -10% allocated to this account	107.60	110.30
		300.30.33.335.1.120	OT for Customer Field Staff + 2.5% -10% allocated to this account	107.60	110.30
		600.30.33.330.1.120	OT for Customer Service + 2.5% -80% allocated to this account	860.80	882.40
		600.30.33.335.1.120	OT for Customer Field Staff + 2.5% -80% allocated to this account	860.80	882.40
			Overtime Total	**2,152.00**	**2,206.00**
125	Medical	200.30.33.330.1.125	Medical	8,795.14	9,632.53
		200.30.33.335.1.125	Medical	2,736.60	3,010.20
		300.30.33.330.1.125	Medical	8,795.39	9,633.15
		300.30.33.335.1.125	Medical	2,736.84	3,010.56
		600.30.33.330.1.125	Medical	66,407.88	72,713.80
		600.30.33.335.1.125	Medical	21,893.76	24,083.28
		900.30.33.330.1.125	Medical	3,953.88	4,349.28
			Medical Total	**115,319.49**	**126,432.80**

126	Retirement	200.30.33.330.1.126	Retirement		15,914.59	16,719.22
		200.30.33.335.1.126	Retirement		5,379.99	5,611.90
		300.30.33.330.1.126	Retirement		15,914.07	16,719.14
		300.30.33.335.1.126	Retirement		5,379.99	5,612.12
		600.30.33.330.1.126	Retirement		123,005.71	129,181.73
		600.30.33.335.1.126	Retirement		43,039.07	44,896.39
		900.30.33.330.1.126	Retirement		4,308.88	4,570.78
				Retirement Total	**212,942.30**	**223,311.28**
127	Other Benefits	200.30.33.330.1.127	Other Benefits		1,706.06	1,801.39
		200.30.33.335.1.127	Other Benefits		534.86	566.20
		300.30.33.330.1.127	Other Benefits		1,706.94	1,802.68
		300.30.33.335.1.127	Other Benefits		535.82	567.30
		600.30.33.330.1.127	Other Benefits		12,980.87	13,710.74
		600.30.33.335.1.127	Other Benefits		4,283.30	4,535.04
		900.30.33.330.1.127	Other Benefits		665.96	704.55
				Other Benefits Total	**22,413.81**	**23,687.90**

140	**Training Costs**	200.30.33.330.1.140	PROFESSIONAL DEVELOPEMENT Eden, Sensus, and Customer Service Skills training. Possible attendance to Annual Eden or Sensus AMI Conference and Training for V. Goldman and P. Galves. $500 per person. 10% to this account	300.00	
			PROFESSIONAL DEVELOPEMENT Eden, Sensus, and Customer Service Skills training. Possible attendance to Annual Eden or Sensus AMI Conference and Training for V. Goldman and P. Galves. $500 per person- 10% to this account		300.00
		200.30.33.335.1.140	PROFESSIONAL DEVELOPEMENT 2 Field staff x $500. each -10% to this account	100.00	100.00
		300.30.33.330.1.140	PROFESSIONAL DEVELOPEMENT Eden, Sensus, and Customer Service Skills Training. Possible attendance at the Annual Eden &/or Sensus AMI Conference for V. Goldman and P. Galves. 10% to this account	300.00	300.00
		300.30.33.335.1.140	PROFESSIONAL DEVELOPEMENT 2 field staff x $500.00 each - 10% to this account	100.00	100.00
		600.30.33.330.1.140	PROFESSIONAL DEVELOPEMENT Eden, Sensus, and Customer Service Skills Training. Possible attendance at the Annual Eden &/or Sensus AMI Conference for V. Goldman and P. Galves. 80% to this account	2,400.00	2,400.00
		600.30.33.335.1.140	PROFESSIONAL DEVELOPEMENT 2 Field staff x $500.00 each - 80% to this account	800.00	800.00
			Training Costs Total	**4,000.00**	**4,000.00**
160	**Uniforms & Safety Equipment**	200.30.33.335.1.160	Uniforms, boots, safety equipment - 2.5% 10% allocation	158.90	162.80
		300.30.33.335.1.160	Uniforms, boots, safety equipment - 2.5% 10% allocation	158.90	162.80
		600.30.33.335.1.160	Uniforms, boots, safety equipment - 2.5% 80% allocation	1,271.20	1,302.40
			Uniforms & Safety Equipment Total	**1,589.00**	**1,628.00**

210	**Equipment Under $10,000**	200.30.33.330.2.210	Replacement Headsets, calculators, keyboards, ergonomic equipment, etc for Customer Service Staff 2.5%. 10% allocation	179.40	
			Replacement Headsets, calculators, keyboards, ergonomic equipment, etc for Customer Service Staff 2.5%. 10% allocation.		183.90
			Estimate for new remittance system to replace "Fast Post", will generate an electronic deposit record eliminating the handle and deposit 3-5k checks per month.		600.00
		300.30.33.330.2.210	Replacement Headsets, calculators, keyboards, ergonomic equipment, etc for Customer Service Staff 2.5%. 10% allocation.		183.90
			Replacement Headsets, calculators, keyboards, ergonomic equipment, etc for Customer Service Staff 2.5%. 10% allocation	179.40	
			Estimate for new remittance system to replace "Fast Post", will generate an electronic deposit record eliminating the handle and deposit 3-5k checks per month.		600.00
		600.30.33.330.2.210	Replacement Headsets, calculators, etc for Customer Service Staff 2.5%. 80% to this fund.		1,471.20
			Replacement Headsets, calculators, keyboards, ergonomic equipment, etc for Customer Service Staff 2.5%. 10% allocation	1,435.20	
			Estimate for new remittance system to replace "Fast Post", will generate an electronic deposit record eliminating the handle and deposit 3-5k checks per month.		4,800.00
			Equipment Under $10,000 Total	**1,794.00**	**7,839.00**
230	**Fuel**	200.30.33.335.2.230	2015 avg of $270 per mo. per vehicle x 2.5 vehicles x 12 months plus 2.5% 10% allocation	830.30	
			2016 avg per mo. per vehicle x 2.5 vehicles x 12 mo. plus 2.5% .- 10% allocation		851.10
		300.30.33.335.2.230	2016 avg per mo. per vehicle x 2.5 vehicles x 12 mo. plus 2.5% .- 10% allocation		851.10
			2015 avg of $270 per mo. per vehicle x 2.5 vehicles x 12 months plus 2.5% 10% allocation	830.30	
		600.30.33.335.2.230	2016 avg per mo. per vehicle x 2.5 vehicles x 12 mo. plus 2.5% .- 80% allocation		6,808.80
			2015 avg of $270 per mo. per vehicle x 2.5 vehicles x 12 months plus 2.5% 80% allocation	6,642.40	
			Fuel Total	**8,303.00**	**8,511.00**
250	**General Supplies**	600.30.33.335.2.250	General Field Supplies: Barrel Locks, Lid Locks, Curbstop Cap Locks, flanges, UY Connectors & other misc supplies - plus 2.5% .- 100% allocation	769.00	788.00
			General Supplies Total	**769.00**	**788.00**
260	**Tools**	600.30.33.335.2.260	Minor tools (pipe wrenches, shovels, wire cutters, etc) for field work - plus 2.5% .- 100% allocation	615.00	630.00
			Tools Total	**615.00**	**630.00**

270	**Office Supplies**	200.30.33.330.2.270	Office supplies-plus 2.5% - 10% allocation	79.10	81.10
		300.30.33.330.2.270	Office supplies-plus 2.5% - 10% allocation	79.10	81.10
		600.30.33.330.2.270	Office supplies-plus 2.5% - 80% allocation	632.80	648.80
			Office Supplies Total	**791.00**	**811.00**

312	**Professional Services**	200.30.33.330.3.312	Strategic Plan 3.04 1. Provide access to view & reprint utility bills to our customers through the AquaHawk Customer Portal. $14,000. 2. Integrate the Portal & electronic payment processing systems to ensure payments are made in the correct amount and to encourage more customers to use electronic payments. $7525. 3. Develop a new Alert Code to identify water consumption on closed accounts. This will eliminate the need to turn service off/on with each new resident. $3850.	2,537.50	
			Customer service system enhancements		500.00
		300.30.33.330.3.312	Customer service system enhancements		500.00
			Strategic Plan 3.04 1. Provide access to view & reprint utility bills to our customers through the AquaHawk Customer Portal. $14,000. 2. Integrate the Portal & electronic payment processing systems to ensure payments are made in the correct amount and to encourage more customers to use electronic payments. $7525. 3. Develop a new Alert Code to identify water consumption on closed accounts. This will eliminate the need to turn service off/on with each new resident. $3850.	2,537.50	
		600.30.33.330.3.312	Allocation for plumbing contractors for minor repairs. Plus 2.5%. 100% allocation.		1,051.00
			Allocation for plumbing contractors for minor repairs. Plus 2.5%- 100% allocation	1,025.00	
			Customer service system enhancements		4,000.00
			Strategic Plan 3.04 1. Provide access to view & reprint utility bills to our customers through the AquaHawk Customer Portal. $14,000. 2. Integrate the Portal & electronic payment processing systems to ensure payments are made in the correct amount and to encourage more customers to use electronic payments. $7525. 3. Develop a new Alert Code to identify water consumption on closed accounts. This will eliminate the need to turn service off/on with each new resident. $3850.	20,300.00	
			Translation services to comply with SB 2747 which requires that we provide service disconnect notices to residents in 5 languages.	1,500.00	1,500.00
			Professional Services Total	**27,900.00**	**7,551.00**

325	**Maintenance Contracts**	200.30.33.330.3.325	Eden UB Modules portion plus TOPS +5% per contract - 10% allocation	1,114.80	1,170.50
			Quadrant Annual Software Support + 10% per contract - 10% to this account	183.60	201.90
			Annual Maintenance for fully Hosted AMI Meter Data Collections System	3,000.00	3,000.00
			Second Year Annual Hosting Fees for Customer Portal (increased by contract, up to 25k meters)	2,050.00	
			Third Year Annual Hosting Fees for Customer Portal (increased by contract, up to 25k meters)		2,050.00
			Maintenance and Licensing annual fee estimate for Electronic Remittance processing system. 10% allocation	150.00	150.00
		300.30.33.330.3.325	Eden UB Modules portion plus TOPS +5% per contract - 10% allocation		1,170.50
			Eden UB Modules portion plus TOPS +5% per contract - 10% allocation	1,114.80	
			Quadrant Annual Software Support + 10% per contract - 10% to this account	183.60	201.90
			Annual Maintenance for Fully Hosted AMI Meter Data Collections System	3,000.00	3,000.00
			Third Year Annual Hosting Fees for Customer Portal (increased by contract, up to 25k meters)		2,050.00
			Second Year Annual Hosting Fees for Customer Portal (increased by contract, up to 25k meters)	2,050.00	
			Maintenance and Licensing annual fee estimate for Electronic Remittance processing system. 10% allocation	150.00	150.00
		600.30.33.330.3.325	2016 Eden UB Modules portion plus TOPS +5% per contract - 80% allocation		9,364.00
			Eden UB Modules portion plus TOPS +5% per contract - 80% allocation	8,918.40	
			Quadrant Annual Software Support - contract allows 10% increase annually - 80% to this account		1,615.20
			Quadrant Annual Software Support + 10% per contract - 80% to this account	1,468.80	
			Annual Maintenance for Fully Hosted AMI Meter Data Collections System	24,000.00	24,000.00
			Third Year Annual Hosting Fees for Customer Portal (increased by contract, up to 25k meters)		16,400.00
			Second Year Annual Hosting Fees for Customer Portal (increased by contract, up to 25k meters)	16,400.00	
			Maintenance and Licensing annual fee estimate for Electronic Remittance processing system. 80% allocation	1,200.00	1,200.00
			Maintenance Contracts Total	**64,984.00**	**65,724.00**
340	**Other Services**	200.30.33.330.3.340	Door Hangers Die Cut & print, UB window & return payment envelope printing, billing inserts design & print. Plus 2.5% - 10% allocation	275.30	282.20

340	**Other Services**	200.30.33.330.3.340	InfoSend bill & statement print, mail, postage, programming, archiving. Plus 2.5% - 10% allocation	7,932.20	8,130.50
			EBMUD billing, $1596 for collection, $500 for reporting, $863 for "DSRSD Share" for their new billing system. $3700 for programming. Plus 2.5% - 50% applied to this account.	3,412.50	
			EBMUD billing, collection, reporting, "DSRSD Share" for their new billing system, and programming of new rates in EBMUD system - 50% applied to this account.		3,498.00
			FTC Red Flag Rules annual compliance costs Plus 2.5% -10% applied to this account.	725.90	744.00
			Contra Costa County - Local Residential Sewer Rates - 50/50 split.	2,626.50	2,692.00
			Alameda County - Local Residential Sewer Rates - 2015 =$17598. + 2.5% 50/50 split	9,019.00	
			Alameda County - Local Residential Sewer Rates - 2016 + 2.5% 50/50 split		9,244.50
		200.30.33.335.3.340	Cost to ship materials to manufacturer to be fixed or replaced plus 2.5% - 10% allocation	215.40	220.80
		300.30.33.330.3.340	Door Hangers Die Cut & print, UB window & return payment envelope printing, billing inserts design & print +2.5% - 10% applied to this account.	275.30	282.20
			InfoSend bill and statement print, mail, postage, programming, archiving +2.5% - 10% applied to this account..	7,932.20	8,130.50
			EBMUD billing, collection, reporting, "DSRSD Share" for their new billing system, and programming of new rates in EBMUD system - 50% applied to this account.		3,498.00
			EBMUD billing, $1596 for collection, $500 for reporting,$863 for "DSRSD Share" for their new billing system. $3700 for programming - 50% applied to this account.	3,412.50	
			FTC Red Flag Rules annual compliance costs. 2014 x 2.5% -10% applied to this account.	725.90	744.00
			Contra Costa County - Regional Residential Sewer Rates- 50/50 split	2,626.50	2,692.00
			Alameda County - Regional Residential Sewer Rates - 2016 + 2.5% 50/50 split		9,244.50
			Alameda County - Regional Residential Sewer Rates - 2015 + 2.5% 50/50 split	9,019.00	
		300.30.33.335.3.340	Cost to ship materials to manufacturer to be fixed or replaced plus 2.5% - 10% allocation	215.40	220.80
		600.30.33.330.3.340	Door Hangers Die Cut & print, UB window & return payment envelope printing, billing inserts design & print. Plus 2.5% - 80% applied to this account.	2,202.40	2,257.60
			InfoSend bill & statement print, mail, postage, programming, archiving +2.5% - 80% applied to this account..	63,457.60	65,044.00
			FTC Red Flag Rules annual compliance costs. Plus 2.5%. - 80% applied to this account..	5,807.20	5,952.00
		600.30.33.335.3.340	Cost to ship materials to manufacturer to be fixed or replaced plus 2.5% - 80% allocation	1,723.20	1,766.40

340	Other Services			Other Services Total	121,604.00	124,644.00
360	Telecommunication Services	200.30.33.335.3.360	Communication devise service, emergency communications service, and replacement cost for devices. Plus 2.5% - 10% to this account	333.00	341.30
		300.30.33.335.3.360	Communication devise service, emergency communications service, and replacement cost for devices. Plus 2.5% - 10% to this account	333.00	341.30
		600.30.33.335.3.360	Communication devise service, emergency communications service, and replacement cost for devices. Plus 2.5% - 80% to this account	2,664.00	2,730.40
				Telecommunication Services Total	3,330.00	3,413.00
400	Meetings	600.30.33.330.4.400	Meetings/Recognition/Team Building- @ $100 per employee - 100% allocation	800.00	800.00
				Meetings Total	800.00	800.00
				Division Total	1,261,829.09	1,297,636.21

Division: 34
Fiscal Year(s) Ending: 2016, 2017
Budget Level: 3-GM Review

Placeholders: Exclude
Budget Adjustments: Exclude

Division 34 Budget Detail

Account	Title	Account Number	Description	FYE 2016	FYE 2017
100	Salaries	900.30.34.000.1.100	Salaries	792,017.57	815,234.94
			Salaries Total	**792,017.57**	**815,234.94**
125	Medical	900.30.34.000.1.125	Medical	67,425.36	73,203.96
			Medical Total	**67,425.36**	**73,203.96**
126	Retirement	900.30.34.000.1.126	Retirement	240,835.20	251,218.11
			Retirement Total	**240,835.20**	**251,218.11**
127	Other Benefits	900.30.34.000.1.127	Other Benefits	19,979.37	21,072.80
			Other Benefits Total	**19,979.37**	**21,072.80**
140	Training Costs	900.30.34.000.1.140	CONFERENCES Bob Treppa MISAC SoCal Registration and Travel - Speaker		1,000.00
			CONFERENCES Bob Treppa MISAC NorCal Registration and Travel - Speaker	1,000.00	
			CONFERENCES Brett Costello, MISAC SoCal Registration and Travel - Speaker		1,000.00
			CONFERENCES Brett Costello, MISAC NorCal Registration and Travel - Speaker	1,000.00	
			PROFESSIONAL DEVELOPMENT x 5 professional staff Technical Professional Training - Coding, Networks, Security, VMWare		5,000.00
			PROFESSIONAL DEVELOPMENT x 5 professional staff Technical Professional Training - Coding, Networks, Security, VMWare Classes average $2500 each	5,000.00	
			Training Costs Total	**7,000.00**	**7,000.00**
170	Employee Memberships & Certifications	900.30.34.000.1.170	Bob Treppa, IS Supervisor, Municipal Information Systems Information Systems Association of California (MISAC) Full Membership	162.00	162.00
			Brett Castello, Info Syst Analyst II, Municipal Information Systems Association of California (MISAC) Associate Membership	140.00	140.00
			Brett Castello, Info Syst Analyst II, Association of Computing Machinery	198.00	198.00
			Employee Memberships & Certifications Total	**500.00**	**500.00**

230	Fuel	900.30.34.000.2.230	Fuel for ITS truck	250.00	250.00
			Fuel Total	**250.00**	**250.00**
250	General Supplies	900.30.34.000.2.250	Misc Application Upgrades	2,000.00	2,000.00
			Small Repair/Maint Parts	5,000.00	5,000.00
			Misc Hardware	5,000.00	5,000.00
			Cables/NICs/HUBs	3,000.00	3,000.00
			General Supplies Total	**15,000.00**	**15,000.00**
260	Tools	900.30.34.000.2.260	Tools	500.00	500.00
			Tools Total	**500.00**	**500.00**
270	Office Supplies	900.30.34.000.2.270	Office Supplies	500.00	500.00
			Office Supplies Total	**500.00**	**500.00**
312	Professional Services	900.30.34.000.3.312	Exchange Consulting		30,000.00
			SharePoint upgrade Microsoft Assure Consulting	35,000.00	
			Software Integration Consulting		20,000.00
			IT Master Plan Outside Supplemental Services	20,000.00	
			Mobile Coding		5,000.00
			Dougherty Conduit Engineering IT Contribution	5,000.00	
			Network Consulting	10,000.00	15,000.00
			Professional Services Total	**70,000.00**	**70,000.00**
325	Maintenance Contracts	900.30.34.000.3.325	WWTP PowerXperts DHH5KN1 - Monitors electric consumption for the WWTP	300.00	300.00
			Exigrid LanLogic - Disk to disk backup for business continuity and disaster recovery.	3,150.00	3,150.00
			LanDesk CDW-G Desktop configuration software. Handles desktop logins, maps drives, distributes software patches.	2,200.00	2,200.00
			EMC SAN Software EMC Storage Area Network Software: All things cloud-based data storage software.	1,100.00	1,100.00
			HP Securitiy Server 2UX81403Y9 - HP Hardware Warranty Lenel Security Server: Server hardware that runs the physical security network and building access control/video	450.00	450.00
			SolarWinds VMWare - Monitors cloud-based computing resources.	1,200.00	1,200.00
			iHIST Server USE622N7TX - Business network SCADA iHistorian server Hardware Maintenance	900.00	900.00

325	**Maintenance Contracts**	900.30.34.000.3.325	EMC CX4-120 SAN Hardware - EMC Storage Area Network Hardware: All things cloud-based data storage Disks, Controllers.	15,250.00	15,250.00
			Vision Internet - Vision Internet Web Hosting for www.dsrsd.com	6,000.00	6,000.00
			SolarWinds 250 NPM SCADA & NetFlow -SolarWinds Network Monitoring/Dameware - Solarwinds monitors the health of Business & SCADA network devices and displays their status in a single web based interface, sends alerts. Remote desktop control.	5,000.00	5,000.00
			SingleWire - Emergency Intercom System Phones	1,300.00	1,300.00
			Barracuda Web Barracuda Web Filter	1,000.00	1,000.00
			AO Wireless Radios - Wide Area Network point-to-point wireless microwave radio maintenance	4,500.00	4,500.00
			Barracuda SPAM & Virus - Email SPAM/AntiVirus filter.	800.00	800.00
			iHistorian HP Server USE529C2BK - SCADA Historian Server	525.00	525.00
			Veeam BackUp Software - Veeam Backup Licensing:	2,000.00	2,000.00
			Cisco UCS - Blade server for all business application software and phone system.	4,000.00	
			Cisco i3000 SCADA Switches - i3000 Network switches Ridgeline SCADA WAN	2,900.00	
			AirWatch Mobile Device Management Software for tablets and smart phones. $150/24 mo/count	7,500.00	7,500.00
			ActiveXperts - Network appliance Monitoring	275.00	
			GoDaddy ISE Cert GoDaddy SSL Certificates: Encryption license for VPN & OCA (Online Customer Access) Internet security	150.00	150.00
			SecureCRT - ITS administrative tool to access/configure network resources.	80.00	80.00
			Microsoft Enterprise Licensing Agreement for all servers, desktops and Office products, 3 Year Contract - Paid Annual	36,100.00	36,100.00
			Maintenance Contracts Total	**96,680.00**	**89,505.00**

360	Telecommunication Services	900.30.34.000.3.360	ITS Loaners	400.00	400.00
			T1 DO->FOD	2,200.00	2,200.00
			AT&T Phone Service, PRI, Analog Lines	20,000.00	20,000.00
			Verzion SmartPhones and ITS MiFi	1,000.00	1,000.00
			Cogent Internet Service	27,600.00	27,600.00
			Mobile Device Managment AirWatch Software	4,000.00	4,000.00
			eFax 5 users 1 year	1,000.00	1,000.00
			Desk Phone Lic	10,000.00	10,000.00
			Telecommunication Services Total	**66,200.00**	**66,200.00**
400	Meetings	900.30.34.000.4.400	ITS Division Recognition/Team Building (5*$100)	500.00	500.00
			Meetings Total	**500.00**	**500.00**
420	Subscriptions & Publications	900.30.34.000.4.420	Technical Journals	350.00	350.00
			Technical books	300.00	300.00
			Books 24x7 Online Subscription 3 Licenses	1,400.00	1,400.00
			Subscriptions & Publications Total	**2,050.00**	**2,050.00**
			Division Total	**1,379,437.50**	**1,412,734.81**

Division: 40
Fiscal Year(s) Ending: 2016, 2017
Budget Level: 3-GM Review

Placeholders: Exclude
Budget Adjustments: Exclude

Division 40 Budget Detail

Account	Title	Account Number	Description	FYE 2016	FYE 2017
100	Salaries	200.40.40.000.1.100	Salaries	36,165.48	37,214.57
		300.40.40.000.1.100	Salaries	144,662.83	148,859.09
		600.40.40.000.1.100	Salaries	130,943.15	134,941.41
		900.40.40.000.1.100	Salaries	49,885.42	51,132.64
			Salaries Total	**361,656.88**	**372,147.71**
125	Medical	200.40.40.000.1.125	Medical	4,568.46	5,025.37
		300.40.40.000.1.125	Medical	18,274.41	20,101.96
		600.40.40.000.1.125	Medical	17,596.59	19,356.05
		900.40.40.000.1.125	Medical	5,246.76	5,771.40
			Medical Total	**45,686.22**	**50,254.78**
126	Retirement	200.40.40.000.1.126	Retirement	10,723.84	11,193.99
		300.40.40.000.1.126	Retirement	42,897.24	44,775.75
		600.40.40.000.1.126	Retirement	38,832.95	40,603.95
		900.40.40.000.1.126	Retirement	14,788.57	15,365.76
			Retirement Total	**107,242.60**	**111,939.45**
127	Other Benefits	200.40.40.000.1.127	Other Benefits	979.79	1,035.99
		300.40.40.000.1.127	Other Benefits	3,923.63	4,146.97
		600.40.40.000.1.127	Other Benefits	3,719.74	3,931.08
		900.40.40.000.1.127	Other Benefits	1,185.98	1,253.40
			Other Benefits Total	**9,809.14**	**10,367.44**
128	Salary / Benefit Credit	200.40.40.000.1.128	Salary / Benefit Credit	(3,817.02)	(3,944.86)
		300.40.40.000.1.128	Salary / Benefit Credit	(15,268.06)	(15,779.47)
		600.40.40.000.1.128	Salary / Benefit Credit	(13,359.55)	(13,807.04)
		900.40.40.000.1.128	Salary / Benefit Credit	(5,725.53)	(5,917.30)
			Salary / Benefit Credit Total	**(38,170.16)**	**(39,448.67)**

140	Training Costs	200.40.40.000.1.140	McIntyre, CASA August 2015, San Diego (split 50/50 local and regional)	900.00	
			McIntyre, CASA Summer 2016, Location TBD (split 50/50 local and regional)		900.00
		300.40.40.000.1.140	McIntyre, CASA Summer 2016, Location TBD (50/50 split local/regional)		900.00
			McIntyre, CASA August 2015 San Diego (50/50 split local/regional)	900.00	
		600.40.40.000.1.140	--Conference: McIntyre, WateReuse Sympsosium, Sep 2016, Location TBD		2,100.00
			-- Conference: McIntyre, WateReuse Symposium, Sep 2015 Seattle	2,100.00	
			--Conference: McIntyre, ACWA, May 2017, Assume in NoCal		800.00
			-- Conference: McIntyre, ACWA, May 2016 Sacramento $800	800.00	
			--Conference: McInture, WaterSmart Innovations, Oct 2016, Location TBD		1,300.00
			-- Conference: McIntyre, WaterSmart Innovations, Oct 2015 Las Vegas $1300	1,300.00	
			Training Costs Total	**6,000.00**	**6,000.00**
170	Employee Memberships & Certifications	300.40.40.000.1.170	Membership #1 Water Environment Federation (WEF), McIntyre		300.00
		900.40.40.000.1.170	Membership #2 TBD, McIntyre		100.00
			1 Membership in FYE15 - TBD, McIntyre	100.00	
			Employee Memberships & Certifications Total	**100.00**	**400.00**
270	Office Supplies	200.40.40.000.2.270	Misc Office Supplies ($200 total: 200-10%, 300-40%, 600-35%, 900-15%)	20.00	20.00
		300.40.40.000.2.270	Misc Office Supplies ($200 total: 200-10%, 300-40%, 600-35%, 900-15%)	80.00	80.00
		600.40.40.000.2.270	Misc Office Supplies ($200 total: 200-10%, 300-40%, 600-35%, 900-15%)	70.00	70.00
		900.40.40.000.2.270	Misc Office Supplies ($200 total: 200-10%, 300-40%, 600-35%, 900-15%)	30.00	30.00
			Office Supplies Total	**200.00**	**200.00**
312	Professional Services	300.40.40.000.3.312	Professional services to respond to issues that arise during the year	4,150.00	4,150.00
		600.40.40.000.3.312	Professional services to respond to issues that arise during the year	7,250.00	7,250.00
		900.40.40.000.3.312	Professional services to respond to issues that arise during the year		3,600.00
			Professional services to respond to issues that arise during the year (moved from Travel/Training budget)	3,600.00	
			Professional Services Total	**15,000.00**	**15,000.00**
400	Meetings	900.40.40.000.4.400	External meetings with non-District staff, for entire Department	1,500.00	1,500.00
			Teambuilding/Offsite ($100 x 2 - for Div 40 portion only, the rest is budgeted in each staff's Division)	200.00	200.00
			Local association meetings (2 x $100)	200.00	200.00
			Meetings Total	**1,900.00**	**1,900.00**

420	Subscriptions & Publications	900.40.40.000.4.420	Misc subscriptions for Eng Department (ENR, etc) Note: AWWA Standard Revisions (included with District membership)	400.00	400.00
			Subscriptions & Publications Total	**400.00**	**400.00**
			Division Total	**509,824.68**	**529,160.71**

Division: 41
Fiscal Year(s) Ending: 2016, 2017
Budget Level: 3-GM Review

Placeholders: Exclude
Budget Adjustments: Exclude

Division 41 Budget Detail

Account	Title	Account Number	Description	FYE 2016	FYE 2017
100	Salaries	200.40.41.000.1.100	Salaries	119,198.04	122,178.16
		200.40.41.550.1.100	Salaries	64,934.22	66,557.66
		300.40.41.000.1.100	Salaries	370,501.69	379,764.06
		300.40.41.550.1.100	Salaries	265,071.82	271,698.44
		600.40.41.000.1.100	Salaries	197,249.13	202,180.42
			Salaries Total	**1,016,954.90**	**1,042,378.74**
120	Overtime	300.40.41.550.1.120	Overtime: Env. Compl. to do special sampling	800.00	800.00
			Overtime Total	**800.00**	**800.00**
125	Medical	200.40.41.000.1.125	Medical	15,644.52	17,127.48
		200.40.41.550.1.125	Medical	3,471.60	3,661.56
		300.40.41.000.1.125	Medical	44,513.88	48,665.52
		300.40.41.550.1.125	Medical	11,673.00	12,242.88
		600.40.41.000.1.125	Medical	24,370.32	26,643.72
			Medical Total	**99,673.32**	**108,341.16**
126	Retirement	200.40.41.000.1.126	Retirement	36,051.17	37,532.22
		200.40.41.550.1.126	Retirement	20,641.47	21,488.95
		300.40.41.000.1.126	Retirement	110,852.86	115,469.76
		300.40.41.550.1.126	Retirement	84,676.35	87,894.47
		600.40.41.000.1.126	Retirement	59,268.24	61,734.69
			Retirement Total	**311,490.09**	**324,120.09**

127	**Other Benefits**	200.40.41.000.1.127	Other Benefits	3,689.61	3,893.30
		200.40.41.550.1.127	Other Benefits	3,888.03	4,258.72
		300.40.41.000.1.127	Other Benefits	10,993.15	11,604.79
		300.40.41.550.1.127	Other Benefits	16,179.66	17,711.13
		600.40.41.000.1.127	Other Benefits	5,970.52	6,302.02
			Other Benefits Total	**40,720.97**	**43,769.96**
128	**Salary / Benefit Credit**	200.40.41.000.1.128	Salary / Benefit Credit	(32,856.49)	(34,022.75)
		300.40.41.000.1.128	Salary / Benefit Credit	(131,067.66)	(135,700.08)
		600.40.41.000.1.128	Salary / Benefit Credit	(61,607.59)	(63,786.78)
			Salary / Benefit Credit Total	**(225,531.74)**	**(233,509.61)**
140	**Training Costs**	300.40.41.000.1.140	PROFESSIONAL DEVELOPMENT: Delight | CASA conference | Palm Springs		1,400.00
			PROFESSIONAL DEVELOPMENT: Delight | CASA conference | San Diego	1,500.00	
			PROFESSIONAL DEVELOPMENT: Zavadil | WEFTEC conference | New Orleans		1,400.00
			PROFESSIONAL DEVELOPMENT: Zavadil | WEFTEC conference | Chicago	1,500.00	
			PROFESSIONAL DEVELOPMENT: Portugal | WEFTEC conference | New Orleans		1,400.00
			PROFESSIONAL DEVELOPMENT: Delight | CWEA annual conference | Santa Clara	500.00	
			PROFESSIONAL DEVELOPMENT: Zavadil | CWEA annual conference | Santa Clara	500.00	
			PROFESSIONAL DEVELOPMENT: Portugal | CWEA annual conference | Santa Clara	500.00	
		300.40.41.550.1.140	JOB RELATED TRAINING: Kuefner | CWEA Pollution Prevention and Pretreatment	500.00	500.00
					500.00
					500.00
			JOB RELATED TRAINING: Mohan | CWEA Pollution Prevention and Pretreatment	500.00	
			JOB RELATED TRAINING: Cigliuti | CWEA Pollution Prevention and Pretreatment	500.00	
		600.40.41.000.1.140	JOB RELATED TRAINING: Johnson - Lucity/Kansas City	1,500.00	
			JOB RELATED TRAINING: Johnson | ArcGIS | San Diego		1,500.00
			Training Costs Total	**7,500.00**	**7,200.00**
160	**Uniforms & Safety Equipment**	200.40.41.550.1.160	Uniforms and Safety Equipment: Env. Compl uniforms and shoes, safety equip.	1,500.00	1,500.00
		300.40.41.000.1.160	Uniforms and Safety Equipment: Engineer safety shoes	200.00	200.00
			Uniforms & Safety Equipment Total	**1,700.00**	**1,700.00**

170	Employee Memberships & Certifications	200.40.41.000.1.170	Memberships and Certifications: Delight - WEF, ASCE	600.00	600.00
		300.40.41.000.1.170	Portugal - WEF, AWWA	500.00	500.00
		300.40.41.550.1.170	Kuefner - CWEA, Env. Compl. and Lab Analyst I Certification	300.00	300.00
			Cigliuti - CWEA, Env. Compl. and Lab Analyst I Certification	300.00	300.00
			Mohan - CWEA, Env. Compl. and Lab Analyst I Certification	300.00	300.00
		600.40.41.000.1.170	Zavadil - WEF, AWWA	500.00	500.00
			Delight - PE License	130.00	130.00
			Portugal - PE License	130.00	
			Employee Memberships & Certifications Total	**2,760.00**	**2,630.00**
210	Equipment Under $10,000	200.40.41.000.2.210	Johnson - GPS equipment/software for WWTP mapping	1,000.00	1,000.00
			Johnson - Dell 24" ultra sharp computer monitor	550.00	550.00
			Johnson - Keyboard and mouse	130.00	130.00
			Johnson - Microsoft Surface tablet for WWTP mapping	1,000.00	1,000.00
			Johnson - iPad Mini w/case for mobile mapping	500.00	500.00
			Equipment Under $10,000 Total	**3,180.00**	**3,180.00**
250	General Supplies	200.40.41.550.2.250	General Supplies: Leverage Manhole Picks	250.00	250.00
		300.40.41.550.2.250	Sample Strainers	450.00	450.00
			Suction Tubing	300.00	300.00
			Pump Tubing	300.00	300.00
			Ice Packs	500.00	500.00
			Sampler Parts	600.00	600.00
			General Supplies Total	**2,400.00**	**2,400.00**
270	Office Supplies	200.40.41.000.2.270	Misc Office Supplies	160.00	160.00
		300.40.41.000.2.270	Misc Office Supplies	500.00	500.00
			Plotter printer heads and inkwells	1,000.00	1,000.00
		600.40.41.000.2.270	Misc Office Supplies	160.00	160.00
			Zavadil | Office chair (Ergo recommendation)		400.00
			Office Supplies Total	**1,820.00**	**2,220.00**

312	Professional Services	900.40.41.000.3.312	PROFESSIONAL SERVICES: Consultant assistance with CIP project descriptions and cost estimates		10,000.00
			PROFESSIONAL SERVICES: Consultant review of complex hydraulic modeling and hydraulic and WWTP process issues	10,000.00	
			Professional Services Total	**10,000.00**	**10,000.00**
325	Maintenance Contracts	200.40.41.000.3.325	TerraGo Publisher for ArcGIS	500.00	500.00
		300.40.41.000.3.325	Maintenance Contracts: Autodesk AutoCAD	3,600.00	3,600.00
		600.40.41.000.3.325	ESRI Software Maintenance for ArcGIS (incl upgrade to ArcGIS Server Enterprise	10,000.00	10,000.00
			ArcGIS online Use Credits (Online cloudbased; GIS data storage & mapping)	2,500.00	2,500.00
			Metroscan	4,000.00	4,000.00
			Topcon GPS Software Maintenance	500.00	500.00
			Bing Maps Licensing [Base map + address search for GIS web apps ($1.17 x 50 users = $58.50)]	1,400.00	1,400.00
			Engineering Supply Company Magnet Field Enterprise	550.00	550.00
			Alameda County Pictometry	1,200.00	1,200.00
			Maintenance Contracts Total	**24,250.00**	**24,250.00**
330	Monitoring & Testing Services	300.40.41.550.3.330	Monitoring and Testing Services: Odor monitoring lab costs	9,160.00	9,160.00
			Monitoring & Testing Services Total	**9,160.00**	**9,160.00**
350	Printing Services	200.40.41.550.3.350	Printing Services: EC Forms	200.00	200.00
			Outreach material FOG Program	750.00	750.00
		300.40.41.550.3.350	Printing Services: Industrial waste violation notices in newspaper	200.00	200.00
			Printing Services Total	**1,150.00**	**1,150.00**
360	Telecommunication Services	200.40.41.000.3.360	Telephone service: Phone for Judy ($50/mo. x 12/mo. = $600 yr.)	600.00	600.00
		300.40.41.550.3.360	Telephone Service: Phones for EC Staff ($100/mo. x 12/mo. = $1200)	1,200.00	1,200.00
			Telecommunication Services Total	**1,800.00**	**1,800.00**
400	Meetings	300.40.41.550.4.400	Recognition/Team Building (staff (3) x $100 = $300)	300.00	300.00
		600.40.41.000.4.400	Recognition/Team Building (staff (5) x $100 = $500)	500.00	500.00
			Meetings Total	**800.00**	**800.00**
			Division Total	**1,310,627.54**	**1,352,390.34**

Division: 42
Fiscal Year(s) Ending: 2016, 2017
Budget Level: 3-GM Review

Placeholders: Exclude
Budget Adjustments: Exclude

Division 42 Budget Detail

Account	Title	Account Number	Description	FYE 2016	FYE 2017
100	Salaries	200.40.42.000.1.100	Salaries	43,131.98	44,313.16
		220.40.42.000.1.100	Salaries	222,595.91	230,216.26
		300.40.42.000.1.100	Salaries	54,777.71	56,147.26
		300.40.42.554.1.100	Salaries	47,328.97	48,512.36
		320.40.42.000.1.100	Salaries	52,444.79	54,269.68
		600.40.42.000.1.100	Salaries	110,258.94	113,169.43
		600.40.42.554.1.100	Salaries	184,565.81	189,179.77
		620.40.42.000.1.100	Salaries	330,857.77	341,441.21
			Salaries Total	**1,045,961.88**	**1,077,249.13**
120	Overtime	200.40.42.554.1.120	OT for SSO incidents: CW Inspectors providing assistance collecting samples and taking photos, pollution prevention	320.00	320.00
		220.40.42.000.1.120	Inspectors overtime, $20,000, Offset by OT Inspection Fees Revenue Split 220/620	4,000.00	4,000.00
		300.40.42.000.1.120	OT to Perform weekend and after hours cross connection testing for business, pollution prevention activities. $440 Gen Split		120.00
			Tom, OT to prepare Engineering Files for ECMS	3,000.00	
		300.40.42.554.1.120	OT to Perform weekend and after hours cross connection testing for business, pollution prevention activities. $440 Gen Split	120.00	120.00
		600.40.42.000.1.120	OT to perform weekend and after hours cross connection testing for businesses, $440, Split 300/600	320.00	320.00
		600.40.42.554.1.120	OT to perform weekend and after hours cross connection testing for businesses, $440, Split 300/600	320.00	320.00
		620.40.42.000.1.120	Inspectors overtime, $20,000, Offset by OT Inspection Fees Revenue Split 220/620	16,000.00	16,000.00
			Overtime Total	**24,080.00**	**21,200.00**

125	**Medical**	200.40.42.000.1.125	Medical	5,274.72	5,791.92
		220.40.42.000.1.125	Medical	24,062.04	26,426.76
		300.40.42.000.1.125	Medical	6,415.80	7,046.64
		300.40.42.554.1.125	Medical	1,341.60	1,341.60
		320.40.42.000.1.125	Medical	4,999.20	5,478.24
		600.40.42.000.1.125	Medical	11,596.44	12,714.00
		600.40.42.554.1.125	Medical	6,205.20	6,205.20
		620.40.42.000.1.125	Medical	34,898.28	38,304.36
			Medical Total	**94,793.28**	**103,308.72**
126	**Retirement**	200.40.42.000.1.126	Retirement	12,935.86	13,479.47
		220.40.42.000.1.126	Retirement	64,365.99	67,356.49
		300.40.42.000.1.126	Retirement	16,593.17	17,256.64
		300.40.42.554.1.126	Retirement	14,914.84	15,510.01
		320.40.42.000.1.126	Retirement	14,745.77	15,448.15
		600.40.42.000.1.126	Retirement	33,040.41	34,413.55
		600.40.42.554.1.126	Retirement	58,631.91	61,037.34
		620.40.42.000.1.126	Retirement	96,710.00	101,014.48
			Retirement Total	**311,937.95**	**325,516.13**
127	**Other Benefits**	200.40.42.000.1.127	Other Benefits	1,100.87	1,161.14
		220.40.42.000.1.127	Other Benefits	5,354.12	5,655.65
		300.40.42.000.1.127	Other Benefits	1,319.93	1,389.81
		300.40.42.554.1.127	Other Benefits	2,474.22	2,719.87
		320.40.42.000.1.127	Other Benefits	1,336.56	1,411.38
		600.40.42.000.1.127	Other Benefits	2,800.80	2,953.39
		600.40.42.554.1.127	Other Benefits	10,260.67	11,257.78
		620.40.42.000.1.127	Other Benefits	8,021.41	8,467.28
			Other Benefits Total	**32,668.58**	**35,016.30**

128	**Salary / Benefit Credit**	200.40.42.000.1.128	Salary / Benefit Credit	(3,655.65)	(3,778.33)
		220.40.42.000.1.128	Salary / Benefit Credit	(8,313.72)	(8,578.81)
		300.40.42.000.1.128	Salary / Benefit Credit	(9,561.74)	(9,880.66)
		320.40.42.000.1.128	Salary / Benefit Credit	(3,406.24)	(3,511.85)
		600.40.42.000.1.128	Salary / Benefit Credit	(21,087.73)	(21,756.87)
		620.40.42.000.1.128	Salary / Benefit Credit	(19,872.11)	(20,518.33)
			Salary / Benefit Credit Total	**(65,897.19)**	**(68,024.85)**
140	**Training Costs**	220.40.42.000.1.140	Duenas, Adobe Acrobat Fundamentals, San Jose, Summer 2015, Training	730.00	730.00
		300.40.42.000.1.140	Pendergraft, Training, Loc TBD/Date TBD, Training on Fundamentals of Engineering	1,000.00	1,000.00
			Tom, Notary Training and Recertification Test, Dublin CA/Date before June 2016	700.00	
		300.40.42.554.1.140	Olson, WaterSmart Innovations Conference, Las Vegas NV, Oct 2015		1,500.00
			Olson, WateReuse Conference, Loc and Date TBD, Informative	750.00	
			Olson, CWEA Conference, Loc and Date TBD, Contact Hours		1,500.00
			Olson, Contact Hours Training for EC, Lab, and Water Conservation Certification	500.00	
					500.00
			Olson, NCBPA Training/Meetings	160.00	
					160.00
		320.40.42.000.1.140	Tom, Professional Development Training, Loc/Date TBD, Training		500.00
			Tom, Relational Database Training, Loc/Date TBD, Training	500.00	
		600.40.42.000.1.140	Hayes, NCBPA Training/Meetings, Loc and Date TBD, for Contact Hours	160.00	
					160.00
			Kolodzie, North American Water Loss Conference, Atlanta, GA/Dec 2015, Training		1,750.00
			Hayes, Contact Hours Training, Loc TBD/Date TBD	200.00	
					200.00
			Brackett, NCBPA Training/Meetings, Loc and Date TBD, for Contact Hours	160.00	
					160.00
			Brackett, Contact Hours Training, Loc TBD/Date TBD	200.00	
					200.00
			Biagtan, CWEA Annual Conference, California, Dates TBD	750.00	
					750.00

140	**Training Costs**	600.40.42.000.1.140	Biagtan, CA-NV AWWA AFC 2015 Annual Conference, Las Vegas, NV/Oct 26-29, 2015, Presentation	1,500.00	
		600.40.42.554.1.140	Khaw, WaterSmart Innovations Conference, Las Vegas NV, Oct 2015	1,500.00	
			Khaw, NCBPA Training, Meetings		160.00
				160.00	
			Khaw, Contact Hours Training for EC, Lab and Water Conservation Certification		500.00
				500.00	
			Olson, Backflow Recertification Workshop and Test, Loc TBD/Date TBD, Certification Renewal		500.00
			Khaw, Backflow Recertification Workshop and Test, Loc TBD/Date TBD, Certification Renewal	500.00	
		620.40.42.000.1.140	Biagtan, CASA Conference 2016, Washington DC	2,500.00	2,500.00
			Biagtan, WateReuse Conference, Sonoma CA/Date TBD, Vice President of WateReuse Assoc.	750.00	1,300.00
			Pendergraft, WateReuse Conference, Sonoma CA/Date TBD, Prof Experience	750.00	1,300.00
			Training Costs Total	**13,970.00**	**15,370.00**
151	**Interns**	220.40.42.000.1.151	Engineering Intern, $10,000, Split 220/300/320/600	2,000.00	2,000.00
		300.40.42.000.1.151	Engineering Intern $10,000, Split 220/300/320/600	1,000.00	1,000.00
		320.40.42.000.1.151	Engineering Intern $10,000, Split 220/300/320/600	6,000.00	6,000.00
		600.40.42.000.1.151	Engineering Intern $10,000, Split 220/300/320/600	1,000.00	1,000.00
			Interns Total	**10,000.00**	**10,000.00**
160	**Uniforms & Safety Equipment**	300.40.42.554.1.160	OLSON - Shoes	200.00	200.00
		600.40.42.000.1.160	Hayes - Shoes	200.00	200.00
			Brackett - Shoes	200.00	200.00
		600.40.42.554.1.160	KHAW - Shoes - 600.40.42.554.1.160	200.00	200.00
			Uniforms & Safety Equipment Total	**800.00**	**800.00**

170	Employee Memberships & Certifications	220.40.42.000.1.170	Biagtan, CWEA Annual Membership	140.00	140.00
			Kolodzie, CWEA Annual Membership	140.00	140.00
		300.40.42.000.1.170	Hayes, ABPA Membership Renewal	70.00	70.00
			Brackett, ABPA Membership Renewal	70.00	70.00
			Hayes, NCBPA Annual Membership Renewal	30.00	30.00
			Brackett, NCBPA Annual Membership Renewal	30.00	30.00
		300.40.42.554.1.170	KHAW - Water Conservation Practitioner I	100.00	100.00
			KHAW - ABPA	60.00	60.00
			OLSON - ABPA	60.00	60.00
			OLSON - EC Inspector II Cert.	80.00	80.00
			OLSON - Water Conservation Practitioner II	100.00	100.00
			OLSON - IA Irrigation Auditor Cert.	100.00	100.00
		320.40.42.000.1.170	Hayes, Drinking Water Distribution & Treatment Cert.	70.00	70.00
			Brackett, Drinking Water Distribution & Treatment Certificate Renewal	70.00	70.00
		600.40.42.000.1.170	Brackett, Cross Connection Specialist Certification	100.00	100.00
			Hayes, Cross Connection Specialist Certification	100.00	100.00
			Biagtan, P.E. License Renewal	140.00	
			Pendergraft, P.E. License Renewal	140.00	
		600.40.42.554.1.170	KHAW, CWEA	140.00	140.00
			OLSON, CWEA	140.00	140.00
			KHAW, EC Inspector I Certificate	78.00	78.00
			KHAW, Cross Connection Specialist Certification	100.00	100.00
			OLSON, Laboratory Certification Grade I	80.00	80.00
			OLSON, Cross Connection Control Specialist Certification	100.00	100.00
		620.40.42.000.1.170	Kolodzie, P.E. License Renewal	140.00	
			Biagtan, WEF Annual Membership		200.00
				200.00	
			Pendergraft, Association Membership TBD		140.00
				140.00	
			Employee Memberships & Certifications Total	**2,718.00**	**2,298.00**

200	Chemicals	600.40.42.000.2.200	Chlorine and Dye Tabs for Construction Inspectors	300.00	300.00
			Chemicals Total	**300.00**	**300.00**
230	Fuel	220.40.42.000.2.230	Construction Inspectors Fuel, $4,400, Gen Split	880.00	880.00
		300.40.42.000.2.230	Construction Inspectors Fuel, $4,400, Gen Split	440.00	440.00
		300.40.42.554.2.230	CW Section Fuel, $2,200, split 300 40%/600 60%	880.00	880.00
		320.40.42.000.2.230	Construction Inspectors Fuel, $4,400, Gen Split	440.00	440.00
		600.40.42.000.2.230	Construction Inspectors Fuel, $4,400, Gen Split	1,320.00	1,320.00
		600.40.42.554.2.230	CW Section Fuel, $2,200, split 300 40%/600 60%	1,320.00	1,320.00
		620.40.42.000.2.230	Construction Inspectors Fuel, $4,400, Gen Split	1,320.00	1,320.00
			Fuel Total	**6,600.00**	**6,600.00**
250	General Supplies	300.40.42.554.2.250	CW, General supplies for pollution prevention program, $5,000 Split 300 40%/600 60%	2,000.00	2,000.00
			CW, Annual DSRSD Onsite Recycled Water Use Training materials, $2,500 Split 300/600	1,000.00	1,000.00
		600.40.42.000.2.250	Recycled Water Signs, $4,000, Split 600/620	1,500.00	1,500.00
		600.40.42.554.2.250	CW, General supplies for pollution prevention program, $5,000 Split 300 40%/600 60%	3,000.00	3,000.00
			CW, Annual DSRSD Onsite Recycled Water Use Training Materials, $2,500, Split 300/600	1,500.00	1,500.00
		620.40.42.000.2.250	Recycled Water Signs, $4,000, Split 600/620	2,500.00	2,500.00
			General Supplies Total	**11,500.00**	**11,500.00**
260	Tools	220.40.42.000.2.260	Inspectors Field Tools - Gauge Calibration (Gen Split) $500 total	100.00	100.00
		300.40.42.000.2.260	Inspectors Field Tools - Gauge Calibration (Gen Split) $500 total	50.00	50.00
		300.40.42.554.2.260	Water Conservation audit tools/equipment	250.00	250.00
			Outreach materials for dental, copper, plumber, and pool/spa programs	750.00	750.00
		320.40.42.000.2.260	Inspectors Field Tools - Gauge Calibration (Gen Split) $500 total	50.00	50.00
		600.40.42.000.2.260	Inspectors Field Tools - Gauge Calibration (Gen Split) $500 total	150.00	150.00
		600.40.42.554.2.260	Midwest Instrument backflow test kit recertification - with Sabre Backflow	500.00	500.00
		620.40.42.000.2.260	Inspectors Field Tools - Gauge Calibration (Gen Split) $500 total	150.00	150.00
			Inspector Field Tools - USB Gauges to replace old ones	500.00	500.00
			Tools Total	**2,500.00**	**2,500.00**

270	**Office Supplies**	220.40.42.000.2.270	Office Supplies - Gen Split $550 total	110.00	110.00
		300.40.42.000.2.270	Office Supplies - Gen Split $550 total	55.00	55.00
		320.40.42.000.2.270	Office Supplies - Gen Split $550 total	55.00	55.00
		600.40.42.000.2.270	Office Supplies - Gen Split $550	165.00	165.00
		620.40.42.000.2.270	Office Supplies - Gen Split $550	165.00	165.00
			Office Supplies Total	**550.00**	**550.00**
312	**Professional Services**	220.40.42.000.3.312	CCTV Inspection for Development Projects, $44,000 split	32,500.00	32,500.00
			Standard Specs to CSI Format 220 35%/620 65%	4,000.00	
		300.40.42.000.3.312	CCTV Inspection for Development Projects, $44,000 split Gen Split		5,000.00
			CCTV Inspection for Development Projects, $44,000 split, Inspection Fee Offset	5,000.00	
		320.40.42.000.3.312	CCTV Inspection for Development Projects, $44,000 split		5,000.00
			CCTV Inspection for Development Projects, $44,000	6,500.00	
		600.40.42.554.3.312	Clean Water Section Professional Assistance for Increased RW Site Inspection and Backflow Monitoring	30,000.00	35,000.00
		620.40.42.000.3.312	Standard Specs to CSI Format 220 35%/620 65%	6,000.00	
			Professional Services Total	**84,000.00**	**77,500.00**
325	**Maintenance Contracts**	220.40.42.000.3.325	Sewer Hydraulic Model Annual Renewal	900.00	900.00
		300.40.42.554.3.325	Tokay Software Licensing and Maintenance - Annual, $4,000 split 300 40%/600 60%	1,350.00	1,350.00
		600.40.42.000.3.325	Innovyze H20Map Sewer and Water Hydraulic Model Software License/Maintenance Renewal	2,500.00	2,500.00
		600.40.42.554.3.325	Tokay Software Licensing and Maintenance - Annual, $4,000 split 300 40%/600 60%	1,350.00	1,350.00
			Maintenance Contracts Total	**6,100.00**	**6,100.00**
340	**Other Services**	300.40.42.000.3.340	Dept of Health Svcs Recycled Water Review Fees $500, Split 300/600	200.00	200.00
		300.40.42.554.3.340	Pharmaceuticals Permanent Off-haul site $5000, Split 300/600	2,000.00	2,000.00
		600.40.42.000.3.340	Dept of Health Svcs Recycled Water Review Fees, $500, Split	300.00	300.00
		600.40.42.554.3.340	Pollution Prevention program activities (mercury thermometers off-haul, fluorescent bulbs, batteries off-haul, dental) at DO and WWTP	4,500.00	4,500.00
			Recycling Hauling from WWTP	2,500.00	2,500.00
			Pharmaceuticals Permanent Off-haul site $5000, Split 300/600	3,000.00	3,000.00
			Other Services Total	**12,500.00**	**12,500.00**

360	Telecommunication Services	220.40.42.000.3.360	Construction Inspectors Cell Phones, $1,600/yr, Gen Split	320.00	320.00
		300.40.42.000.3.360	Construction Inspectors Cell Phones, $1,600/yr, Gen Split	160.00	160.00
		300.40.42.554.3.360	Clean Water Cell Phones, $1,400/yr, Gen Split	560.00	560.00
		320.40.42.000.3.360	Construction Inspectors Cell Phones, $1,600/yr, Gen Split	160.00	160.00
		600.40.42.000.3.360	Construction Inspectors Cell Phones, $1,600/yr, Gen Split	960.00	960.00
		600.40.42.554.3.360	Clean Water Cell Phones, $1,400/yr, Gen Split	840.00	840.00
		620.40.42.000.3.360	Construction Inspectors Cell Phones, $1,600/yr, Gen Split	960.00	960.00
			Telecommunication Services Total	**3,960.00**	**3,960.00**
400	Meetings	220.40.42.000.4.400	Local Meetings: (staff (9) x $100 = $900, Gen Split	180.00	180.00
			Offsite: staff (9) x $100 = $900, Gen Split	180.00	180.00
		300.40.42.000.4.400	Western Recycled Water Coalition (WRWC) Meetings/Travel for Rhodora	200.00	200.00
			Local Meetings: (staff (9) x $100 = $900, Gen Split	90.00	90.00
			Offsite: staff (9) x $100 = $900, Gen Split	90.00	90.00
		320.40.42.000.4.400	Local Meetings: (staff (9) x $100 = $900, Gen Split	90.00	90.00
			Offsite: staff (9) x $100 = $900, Gen Split	90.00	90.00
		600.40.42.000.4.400	WateReuse Sponsorship - Rhodora is WateReuse Secretary, helps organize and sponsor meetings	300.00	300.00
			Local Meetings: (staff (9) x $100 = $900, Gen Split	270.00	270.00
			Offsite: staff (9) x $100 = $900, Gen Split	270.00	270.00
		600.40.42.554.4.400	Olson - Attend BAPPG, WateReuse, BAWCC Mtngs	200.00	200.00
		620.40.42.000.4.400	WateReuse Sponsorship - R. Biagtan is WateReuse Vice President, helps organize and sponsor meetings	300.00	300.00
			Local Meetings: (staff (9) x $100 = $900, Gen Split	270.00	270.00
			Offsite: staff (9) x $100 = $900, Gen Split	270.00	270.00
			Meetings Total	**2,800.00**	**2,800.00**
			Division Total	**1,601,842.50**	**1,647,043.43**

Division: 43
Fiscal Year(s) Ending: 2016, 2017
Budget Level: 3-GM Review

Placeholders: Exclude
Budget Adjustments: Exclude

Division 43 Budget Detail

Account	Title	Account Number	Description	FYE 2016	FYE 2017
100	Salaries	200.40.43.000.1.100	Salaries	79,854.71	81,850.86
		300.40.43.000.1.100	Salaries	176,552.22	180,966.11
		600.40.43.000.1.100	Salaries	110,863.22	113,634.95
			Salaries Total	**367,270.15**	**376,451.92**
125	Medical	200.40.43.000.1.125	Medical	8,648.28	9,492.12
		300.40.43.000.1.125	Medical	11,092.08	12,065.16
		600.40.43.000.1.125	Medical	9,722.52	10,642.44
			Medical Total	**29,462.88**	**32,199.72**
126	Retirement	200.40.43.000.1.126	Retirement	24,157.72	25,177.87
		300.40.43.000.1.126	Retirement	54,341.04	56,427.05
		600.40.43.000.1.126	Retirement	33,761.54	35,131.60
			Retirement Total	**112,260.30**	**116,736.52**
127	Other Benefits	200.40.43.000.1.127	Other Benefits	2,175.49	2,298.31
		300.40.43.000.1.127	Other Benefits	4,762.86	5,030.96
		600.40.43.000.1.127	Other Benefits	2,982.45	3,150.60
			Other Benefits Total	**9,920.80**	**10,479.87**
128	Salary / Benefit Credit	200.40.43.000.1.128	Salary / Benefit Credit	(14,866.72)	(15,382.97)
		300.40.43.000.1.128	Salary / Benefit Credit	(28,916.59)	(29,850.70)
		600.40.43.000.1.128	Salary / Benefit Credit	(19,656.82)	(20,319.18)
			Salary / Benefit Credit Total	**(63,440.13)**	**(65,552.85)**

140	**Training Costs**	200.40.43.000.1.140	JOB RELATED PROF DEVELOPMENT (Split 20%-200 / 50%-300 / 30%-600) --Madarang: Lucity Conference-$1,800 --Peterson: ESRI Conference-$1,500 --Emergency Preparedness-$1,000	860.00	
			JOB RELATED PROF DEVELOPMENT (Split 20%-200 / 50%-300 / 30%-600) --Lee: Lucity Conference-$1,800 --Peterson: ESRI Conference-$1,500 --Emergency Preparedness-$1,000		860.00
			JOB RELATED PROF DEVELOPMENT (Split 50%-200 / 50%-300) --Lee: CWEA Conference-$1,200	600.00	
			Lucity On-site Training-$1000 (Split 20%-200 / 50%-300 / 30%-600)		200.00
				200.00	
		300.40.43.000.1.140	JOB RELATED PROF DEVELOPMENT (Split 20%-200 / 50%-300 / 30%-600) --Lee: Lucity Conference-$1,800 --Peterson: ESRI Conference-$1,500 --Emergency Preparedness-$1,000		2,150.00
			JOB RELATED PROF DEVELOPMENT (Split 20%-200 / 50%-300 / 30%-600) --Madarang: Lucity Conference-$1,800 --Peterson: ESRI Conference-$1,500 --Emergency Preparedness-$1,000	2,150.00	
			Lucity On-site Training-$1000 (Split 20%-200 / 50%-300 / 30%-600)		500.00
				500.00	
			JOB RELATED PROF DEVELOPMENT (Split 50%-200 / 50%-300) --Lee: CWEA Conference-$1,200	600.00	
		600.40.43.000.1.140	JOB RELATED PROF DEVELOPMENT (Split 20%-200 / 50%-300 / 30%-600) --Madarang: Lucity Conference-$1,800 --Peterson: ESRI Conference-$1,500 --Emergency Preparedness-$1,000	1,290.00	
			JOB RELATED PROF DEVELOPMENT (Split 20%-200 / 50%-300 / 30%-600) --Lee: Lucity Conference-$1,800 --Peterson: ESRI Conference-$1,500 --Emergency Preparedness-$1,000		1,290.00
			Lucity On-site Training (Split 20%-200 / 50%-300 / 30%-600)	300.00	
					300.00
			JOB RELATED PROF DEVELOPMENT --Lee: CA-NV AWWA Conference		2,000.00
			Training Costs Total	**6,500.00**	**7,300.00**

170	Employee Memberships & Certifications	200.40.43.000.1.170	--Garry: WEF/CWEA-$300 (Split 50%-200 / 50%-300)	150.00	150.00
			--Garry: PE License-$125 (Split 20%-200 / 50%-300 / 30%-600)	25.00	
		300.40.43.000.1.170	--Garry: WEF/CWEA-$300 (Split 50%-200 / 50%-300)	150.00	150.00
			--Garry: PE License Renewal-$125 (Split 20%-200 / 50%-300 / 30%-600)	62.00	
		600.40.43.000.1.170	--Ken: Backflow-$50	50.00	50.00
			--Garry: PE License-$125 (Split 20%-200 / 50%-300 / 30%-600)	38.00	
			Employee Memberships & Certifications Total	**475.00**	**350.00**
270	Office Supplies	200.40.43.000.2.270	Misc Office Supplies (Split 20%- 200 / 50%-300 / 30%-600) --Ken: Ergonomic Chair-$350 --Kate: Wireless Headset-$150 --Tablet for mobile software-$1200	340.00	
		300.40.43.000.2.270	Misc Office Supplies (Split 20%- 200 / 50%-300 / 30%-600) --Ken: Ergonomic Chair-$350 --Kate: Wireless Headset-$150 --Tablet for mobile software-$1200	850.00	
		600.40.43.000.2.270	Misc Office Supplies (Split 20%- 200 / 50%-300 / 30%-600) -- Ergonomic Chair (Ken) $350 -- Wireless Headset (Kae) $150 -- Tablet for mobile software $1200	510.00	
			Office Supplies Total	**1,700.00**	
312	Professional Services	200.40.43.000.3.312	Asset Management Program Support (Split 20%-200 / 50%-300 / 30%-600)	5,000.00	5,000.00
		210.40.43.000.3.312	CCTV Sewer Data Collection (140,000LF/yr)	225,000.00	225,000.00
		300.40.43.000.3.312	Asset Management Program Support-$25000 (Split 20%-200 / 50%-300 / 30%-600)	12,500.00	12,500.00
			WWTP Process Condition Assessments, Consultants-$10000 (Split 50%-300 / 50%-600)	5,000.00	5,000.00
		600.40.43.000.3.312	Water System Condition Assessments	100,000.00	100,000.00
			Asset Management Program Support-$25000 (Split 20%-200 / 50%-300 / 30%-600)	7,500.00	7,500.00
			WWTP Process Condition Assessments, Consultants-$10000 (Split 50%-300 / 50%-600)	5,000.00	5,000.00
			Professional Services Total	**360,000.00**	**360,000.00**
325	Maintenance Contracts	200.40.43.000.3.325	Asset Management Software Annual Fees (InfoMaster) - $15000 (Split 33%-200 / 67%-600)		4,950.00
		600.40.43.000.3.325	Asset Management Software Annual Fees (InfoMaster)-$15000 (Split 33%-200 / 67%-600)		10,050.00
			Maintenance Contracts Total		**15,000.00**

400	Meetings	600.40.43.000.4.400	--Ken: Backflow $100 --Garry: BAWWA $100		200.00	200.00
				Meetings Total	**200.00**	**200.00**
				Division Total	**824,349.00**	**853,165.18**

Division: 50
Fiscal Year(s) Ending: 2016, 2017
Budget Level: 3-GM Review

Placeholders: Exclude
Budget Adjustments: Exclude

Division 50 Budget Detail

Account	Title	Account Number	Description	FYE 2016	FYE 2017
100	Salaries	200.50.50.000.1.100	Salaries	27,949.61	28,648.36
		300.50.50.000.1.100	Salaries	387,704.07	397,396.48
		600.50.50.000.1.100	Salaries	236,096.64	241,999.03
		900.50.50.000.1.100	Salaries	31,392.92	32,177.60
			Salaries Total	**683,143.24**	**700,221.47**
125	Medical	200.50.50.000.1.125	Medical	1,939.80	2,091.84
		300.50.50.000.1.125	Medical	24,328.08	26,153.16
		600.50.50.000.1.125	Medical	15,885.96	16,950.60
		900.50.50.000.1.125	Medical	2,107.56	2,259.72
			Medical Total	**44,261.40**	**47,455.32**
126	Retirement	200.50.50.000.1.126	Retirement	8,346.14	8,709.36
		300.50.50.000.1.126	Retirement	119,205.95	123,581.95
		600.50.50.000.1.126	Retirement	72,931.61	75,750.79
		900.50.50.000.1.126	Retirement	9,705.00	10,104.38
			Retirement Total	**210,188.70**	**218,146.48**
127	Other Benefits	200.50.50.000.1.127	Other Benefits	619.10	653.03
		300.50.50.000.1.127	Other Benefits	9,400.50	9,915.09
		600.50.50.000.1.127	Other Benefits	6,064.35	6,400.61
		900.50.50.000.1.127	Other Benefits	799.86	844.09
			Other Benefits Total	**16,883.81**	**17,812.82**
128	Salary / Benefit Credit	300.50.50.000.1.128	Salary / Benefit Credit	(6,464.18)	(6,660.19)
		600.50.50.000.1.128	Salary / Benefit Credit	(2,770.36)	(2,854.37)
			Salary / Benefit Credit Total	**(9,234.54)**	**(9,514.56)**

140	**Training Costs**	300.50.50.000.1.140	PROFESSIONAL DEVELOPMENT Process Engineer, seminar attendance (various)	795.00	795.00
			Professional Development: 5 employees, split 50/50 between Funds 300 and 600	1,250.00	1,250.00
			Conference attendance: Operations Manager CASA State Legislative Committee Co-chair, 3 conferences each year	2,550.00	2,550.00
		600.50.50.000.1.140	Professional development training, 5 employees, split 50/50 between Funds 300 and 600	1,250.00	1,250.00
			Conference attendance: Operations Manager attendance at quarterly CUWCC Plenary meetings and/or the annual WateReuse conference	1,000.00	1,000.00
			Training Costs Total	**6,845.00**	**6,845.00**
170	**Employee Memberships & Certifications**	300.50.50.000.1.170	CWEA-WEF Memberships: Operations Manager & Process Engineer	400.00	400.00
			SWRCB Grade V Operator, Operations Mgr ($340, current certification expires Dec 31, 2016)		340.00
		900.50.50.000.1.170	Process Engineer professional memberships (ASCE, NSPE, etc.)	200.00	200.00
			CA PE-Process Engineer (due for renewal next in Sept 2015, due every 2 years)	115.00	
			Employee Memberships & Certifications Total	**715.00**	**940.00**
270	**Office Supplies**	300.50.50.000.2.270	WWTP coffee, tea, and hot beverage supplies	720.00	744.00
			Office Supplies & Expenses for the WWTP, including pens, paper, shipping costs, furniture, etc.	16,800.00	17,304.00
		900.50.50.000.2.270	Office supplies such as business cards, FOD & OPS Admin	500.00	500.00
			Office Supplies Total	**18,020.00**	**18,548.00**
312	**Professional Services**	300.50.50.000.3.312	Consultant services for monitoring groundwater at 7055 Commerce Circle, FSL's, and DLD (done quarterly at a cost of about $750)	3,000.00	3,000.00
			Consultant services for reviewing DLD/FSL groundwater analyses and writing a conclusion for the semi-annual DLD report	2,500.00	2,500.00
			Consultant services for to assist with misc permit-related issues, spills, reporting, etc.	1,500.00	1,500.00
			Consultant services for msc AQMD permitting issues	2,500.00	2,500.00
			Consultant Services for eSMR preparation (Johnson Lam)	1,250.00	1,250.00
		900.50.50.000.3.312	Management/Supervisory coaching and counseling services, arranged on an as needed basis, to be provided by a consultant	1,500.00	1,500.00
			Professional Services Total	**12,250.00**	**12,250.00**

315	**Advertising**	900.50.50.000.3.315	Bay Area Chemical Consortium (BACC), bid advertising, Bay Area News Group legal ads, 16 bids at $95/bid, estimated cost to be largely reimbursed from BACC membership fees	1,520.00	1,680.00
			Advertising Total	**1,520.00**	**1,680.00**
320	**Equipment Lease/Rental**	300.50.50.000.3.320	WWTP OPS Admin copier lease (Ricoh), annual cost split between Fund 300 and Fund 900	3,060.00	3,144.00
			Copier usage charges, misc	3,600.00	3,720.00
			WWTP Maint Bldg copier lease (Ricoh)	2,790.00	2,874.00
		900.50.50.000.3.320	WWTP OPS Admin copier lease, annual cost split between Fund 300 and Fund 900	1,075.00	1,104.00
			FOD copier lease	1,475.00	1,524.00
			Usage charges, misc	1,440.00	1,440.00
			Lab copier lease (50.55), average cost $219.66 /mo lease fee	2,636.00	2,636.00
			Equipment Lease/Rental Total	**16,076.00**	**16,442.00**
340	**Other Services**	200.50.50.000.3.340	Hazmat waste pickup & disposal for sewer cleaning equipment and/or Dublin Lift Station equipment and systems. Use for disposing of excess solvents, lubricants, waste paint, etc.	500.00	500.00
		300.50.50.000.3.340	Shipping, overnight and regular freight	500.00	500.00
			Removal of dead trees, WWTP, DLD, FSL's	2,500.00	2,500.00
			WWTP street sweeping, once every 2 months at $180/sweep		1,080.00
			WWTP street sweeping, once every 2 months at $170/sweep	1,020.00	
			WWTP Fire Sprinkler Annual Inspection, includes 5 fire protection risers	1,400.00	1,400.00
		600.50.50.000.3.340	5200 Stoneridge Drive (CWR well site) landscape maintenance, work performed by the City of Pleasanton for the set annual fee of $1,000	1,000.00	1,000.00
			Hazmat waste profiles, pickup and disposal (i.e. A/C asbestos pipe disposal).	500.00	500.00
		900.50.50.000.3.340	Annual inspection of 1 fire protection riser at the D.O.	525.00	525.00
			District Office landscape maintenance, monthly regular service	7,800.00	7,800.00
			D.O. special landscape maint, repairs, tree removal, and irrigation repairs	3,500.00	3,500.00
			Towel & floor mat service: WWTP inc Maint Bldg	3,600.00	3,600.00
			Towel & floor mat service: FOD	2,400.00	2,400.00
			FOD Fire Sprinkler Annual Inspection	300.00	300.00
			Other Services Total	**25,545.00**	**25,605.00**

350	**Printing Services**	300.50.50.000.3.350	Printing and mailing 2,500 invitations for the annual WWTP neighborhood meeting	950.00	1,000.00
			Printing Services Total	**950.00**	**1,000.00**
400	**Meetings**	300.50.50.000.4.400	CASA Regulatory Workgroup (formerly Tri-TAC) Meeting attendance, 2 flights to SoCal, 3 trips to Sacramento, 5 trips to San Leandro: Operations Manager		500.00
			CASA Regulatory Workgroup (formerlyTri-TAC) Meeting attendance, 2 flights to SoCal, 3 trips to Sacramento, 5 trips to San Leandro: Operations Manager	500.00	
			Refreshments for annual WWTP Neighborhood Meeting	500.00	500.00
		600.50.50.000.4.400	CUWCC Board, Plenary, and Committee Meetings, participation by the Operations Manager, airfare and local transportation	800.00	800.00
		900.50.50.000.4.400	Bay Area Chemical Consortium (BACC) Meetings: mileage and/or refreshments	250.00	250.00
			Local Meetings: $500 (10 employees)	500.00	500.00
			Recognition events: $500 (10 employees)	500.00	500.00
			Outside Meetings: $500; District Staff Meetings: $0	500.00	500.00
			Meetings Total	**3,550.00**	**3,550.00**

410	Permits, Licenses & District Mbrshps	200.50.50.000.4.410	SWRCB WDR for the collection system (the actual invoice in FYE 2015 was $11,195 and in FYE 2014 was $10,405, so the permit cost increases about 7.5% each year)	12,035.00	12,935.00
			BAAQMD FOD Portable Diesel Engine Permit, 130 HP Cummins on the Vacon (the actual FYE 2014 invoice was $349.50, and a 7.5% increase is expected annually)	405.00	435.00
			BAAQMD FOD Portable Diesel Pump Permit, 71 HP Deutz emergency standby sewage pump (the actual FYE 2013 invoice was $302, and a 7.5% increase is expected annually)	375.00	405.00
		300.50.50.000.4.410	BAAQMD PERMIT ANNUAL FEE, WWTP: Annual Permit fee to operate (FYE 2014 invoice was $10,585, expect a 7.5% increase each year)	11,375.00	12,225.00
			RWQCB DLD Permit Fee (FYE 2015 invoice was $14,929, expect a 5% annual increase in permit fees, RWQCB first started billing the District for this fee in FYE 2015	15,675.00	16,500.00
			NPDES PERMIT ANNUAL FEE: NPDES Flow (FYE 2015 feee was $83,288, includes FLOW, SWAMP WATER Quality Monitoring, and Pretreatment), expect a 5% increase in fees	87,450.00	91,825.00
			BAAQMD WWTP Gas Dispensing Permit	175.00	195.00
			BAAQMD WWTP Portable Diesel Permit, S#28 6-inch portable pump used for biosolids harvesting (FYE 2013 invoice was $1,486)	1,500.00	1,650.00
		600.50.50.000.4.410	SWRCB DDW Annual Water System Permit Fee (FYE 2015 invoice was $11,218.50, expect a 5% increase each year)	11,800.00	12,400.00
			BAAQMD Pump Station 4 Portable Diesel Permit (FYE 2014 invoice was $495)	500.00	540.00
			Alameda County Env Health Haz Material Business Plan (HMBP) Fees, Turnouts 1, 2, 4, and 5, plus PS 4A	1,365.00	1,430.00
			Recycled Water fees (FYE 2015 invoice was $1,472)	1,500.00	1,575.00
			Annual NPDES Permit Fees for Community Drinking Water System Discharges	2,062.00	2,062.00
		900.50.50.000.4.410	DTSC Hazardous Waste annual permit fee (FYE 2015 invoice was $215)	215.00	215.00
			Permits, Licenses & District Mbrshps Total	**146,432.00**	**154,392.00**
420	Subscriptions & Publications	900.50.50.000.4.420	Books & Periodicals	250.00	250.00
			Subscriptions & Publications Total	**250.00**	**250.00**
			Division Total	**1,177,395.61**	**1,215,623.53**

Division: 51
Fiscal Year(s) Ending: 2016, 2017
Budget Level: 3-GM Review

Placeholders: Exclude
Budget Adjustments: Exclude

Division 51 Budget Detail

Account	Title	Account Number	Description	FYE 2016	FYE 2017
100	Salaries	200.50.51.000.1.100	Salaries	369,634.20	380,341.60
		600.50.51.000.1.100	Salaries	861,507.79	889,797.49
		620.50.51.000.1.100	Salaries	42,834.74	43,905.55
			Salaries Total	**1,273,976.73**	**1,314,044.64**
120	Overtime	200.50.51.000.1.120	Emergency / Afterhours Sewer line cleaning	6,500.00	6,500.00
			Dublin Lift Station & Eastern Dublin Lift Station Call Outs / WD Alarms	3,500.00	3,500.00
		600.50.51.000.1.120	Essential (non-discretionary) overtime as identified by the Division Supervisor. (On Call & Weekend Rounds) SCADA fixes have lowered OT, however Customer call outs as a result from Drought have increased. (neighbors calling about others wasting water, leaks etc...) (Annual avg.1620 hrs @ 90.00/hr = $145,800)	145,800.00	
			Essential (non-discretionary) overtime as identified by the Division Supervisor. (On Call & Weekend Rounds) SCADA fixes have lowered OT, however Customer call outs as a result from Drought have increased. (neighbors calling about others wasting water, leaks etc...) (Annual avg.1620 hrs @ 92.50/hr = $149,850) assumed 2.5% COLA		149,850.00
			Overtime Total	**155,800.00**	**159,850.00**
124	Standby Pay	600.50.51.000.1.124	STANDBY PAY - ensuring 24/7 response with in 45 minutes after hours, weekends and holidays. Assumes 2.5% COLA per yr. FY 16 & 17	70,915.00	72,688.00
			Standby Pay Total	**70,915.00**	**72,688.00**
125	Medical	200.50.51.000.1.125	Medical	55,125.67	60,474.77
		600.50.51.000.1.125	Medical	139,905.11	153,514.67
		620.50.51.000.1.125	Medical	9,884.64	10,873.08
			Medical Total	**204,915.42**	**224,862.52**
126	Retirement	200.50.51.000.1.126	Retirement	114,824.08	120,142.16
		600.50.51.000.1.126	Retirement	267,166.74	280,442.62
		620.50.51.000.1.126	Retirement	14,309.40	14,618.05
			Retirement Total	**396,300.22**	**415,202.83**

127	**Other Benefits**	200.50.51.000.1.127	Other Benefits	19,693.65	21,457.29
		600.50.51.000.1.127	Other Benefits	48,347.30	52,735.48
		620.50.51.000.1.127	Other Benefits	1,758.57	1,862.78
			Other Benefits Total	**69,799.52**	**76,055.55**
128	**Salary / Benefit Credit**	200.50.51.000.1.128	Salary / Benefit Credit	(13,469.53)	(13,961.66)
		600.50.51.000.1.128	Salary / Benefit Credit	(32,734.17)	(33,930.70)
		620.50.51.000.1.128	Salary / Benefit Credit	(687.88)	(712.60)
			Salary / Benefit Credit Total	**(46,891.58)**	**(48,604.96)**
140	**Training Costs**	200.50.51.000.1.140	Professional development training: 9 employees, CEU hours for certifications. Fund 200	2,250.00	2,250.00
			CONFERENCES Send (2) staff to CWEA Northern Regional Conference @ $500.00 ea (training and CEU's)	1,000.00	1,000.00
		600.50.51.000.1.140	Professional development training: 8 employees, CEU hours for certifications, Fund 600	2,000.00	2,000.00
			Conferences - attendance AWWA & CRWA Expo for 3 staff members @ $500. ea	1,500.00	
			Conferences - attendance AWWA & CRWA Expo for 3 staff members @ $500 ea		1,500.00
			Training Costs Total	**6,750.00**	**6,750.00**
150	**Temporary Help**	200.50.51.000.1.150	(2) Temporary collections staff for 6 months@ 50K- catch up on deferred collections work. Hydro cleaning and CCTV work	50,000.00	50,000.00
			Temporary Help Total	**50,000.00**	**50,000.00**
160	**Uniforms & Safety Equipment**	200.50.51.000.1.160	Replacement uniforms for collection system Operators, 5 employees at $250.00/yr	1,250.00	1,250.00
			SAFETY BOOTS - $200.00 per EE/ yr 10 EE =$2000.00 40% to Fund 200 = $800.00	800.00	800.00
		600.50.51.000.1.160	Replacement uniforms for water operators, 6 employees at $250 /yr	1,500.00	1,500.00
			SAFETY BOOTS - $200.00 per EE/ yr 10 EE = $2000.00 60% to Fund 600 = $1200.00	1,200.00	1,200.00
			Uniforms & Safety Equipment Total	**4,750.00**	**4,750.00**

170	Employee Memberships & Certifications	200.50.51.000.1.170	MEMBERSHIPS -- WEF/CWEA Annual Memberships: 1 supervisor & 10 EE's @ $165.00 ea = $1595.00 --Annual CWEA Colections Certification Renewals - 11 @ 70.00 ea	1,815.00	1,815.00
			CERTIFICATES --CWEA Collections Certificate Annual Renewals: 1 Supervisor & 10 EE's @ $85.00 ea (avg) = $935.00	935.00	
			CERTIFICATES --CWEA Collections Certificate Annual Renewals: 1 Supervisor & 10 EE's @ $88.00 ea (avg) = $968.00		968.00
		300.50.51.000.1.170	WASTEWATER CERTIFICATE Renewals - (2) @ 300.00	600.00	600.00
		600.50.51.000.1.170	MEMBERSHIPS --AWWA MEMBERSHIPS: 6 @ 102.00 ea = $612.00	636.00	
			MEMBERSHIPS --AWWA MEMBERSHIPS: 6 @ 110.00 ea = $660.00		660.00
			CERTIFICATES --(3) Treatment Cert. Renewals @ $70.00 ea = $210.00 --(2) Distribution Cert. Renewals @ $105.00 ea = $210.00 -- (1) Backflow Cert. Renewal @ $200.00	610.00	
			CERTIFICATES --(3) Treatment Cert. Renewals @ $70.00 ea = $210.00 --(4) Distribution Cert. Renewals @ $115.00 ea = $460.00 -- (1) Backflow Cert. Renewal @ $200.00		870.00
		900.50.51.000.1.170	WASTEWATER CERT. RENEWAL - (2) Due for renewal	600.00	600.00
			Employee Memberships & Certifications Total	**5,196.00**	**5,513.00**
200	Chemicals	600.50.51.000.2.200	FLUORIDE REGULATORY REQUIREMENT: 111,100 lbs hydrofluorosilic Acid @ $0.45/LB	50,000.00	50,000.00
			Chemicals Total	**50,000.00**	**50,000.00**

210	**Equipment Under $10,000**	200.50.51.000.2.210	REPLACEMENT: Cleaning nozzels for jetter and combo trucks.@ $3000.00 REPLACEMENT: Hydro hoses / Misc. @ $2000.00	5,000.00	5,000.00
			CCTV CAMERA: Repair & Maintenance - Annual Service and misc.issues,tracks, lens repair, wiring harness etc.	2,500.00	2,500.00
			Add on to new sewer cleaning truck (1) auto hose rewinder to ensure accurate footage of hose line taken out while cleaning. (is already on the "demo" we purchased and is well received by staff)	9,750.00	
		600.50.51.000.2.210	SAFETY EQUIPMENT: Replacement Barricades & Cones for traffic and repair safety on streets 100 - 28" cones @ 20.00 ea = $2000.00	2,000.00	2,000.00
			Equipment Under $10,000 Total	**19,250.00**	**9,500.00**
230	**Fuel**	200.50.51.000.2.230	Fuel for sewer cleaning and TV inspection vehicles, fill ups at the County Yard / Shell for CARB emission equipped trucks. (Bio Fuel causes sluggishness and excessive filter replacement) FY 16 & 17 adj 2.5% per year	22,076.00	22,628.00
		300.50.51.000.2.230	Vaccon to support projects at the Wastwater Plant	250.00	250.00
		600.50.51.000.2.230	Fuel for vehicles used for water operations/distribution, fill ups at the County Yard . Assumed 2.5% increase ea FY 16 & FY 17	11,308.00	
			Fuel for vehicles used for water operations/distribution, fill ups at the County Yard . Assumed 2.5% increase ea FY 16 & 17		11,591.00
			Fuel Total	**33,634.00**	**34,469.00**
240	**Gas & Electric**	200.50.51.000.2.240	FY 2015 Dublin Lift Station pumping costs projected to be 3078.00. Assuming 5% increase Both FY 16 & 17 FY 16 = 3232 FY 17 = 3394	3,232.00	
			FY 2015 Dublin Lift Station pumping costs projected to be 3078.00. Assuming 5% increase Both FY 16 & 17 FY16 = 3232 FY 17 = 3394		3,394.00
			Alamo Creek Trunk Sewer Meter @ 18.00/ month X 12 = 216	216.00	
			Alamo Creek Trunk Sewer Meter @ 19.00/ month X 12 = 228		228.00
		600.50.51.000.2.240	GAS & ELECTRIC : Electric use for FY 14 PUMPED WATER: is projected to be 3,815.88 MG @ $165.00/MG assuming 2%annual increase beginning in FYE 2014. DUE TO DROUGHT, Water pumping costs are lower than expected. HOLD budget @ same level FY 15 PUMPED WATER: is projected to be 3,897.43 MG @ $168.00/MG assuming 2%annual increase beginning in FYE 2014 = $655,362	655,362.00	
			GAS & ELECTRIC : Electric use for FY 14 PUMPED WATER: is projected to be 3,815.88 MG @ $165.00/MG assuming 2%annual increase beginning in FYE 2014. DUE TO DROUGHT Water Pumping costs are lower than expected. HOLD budget level @ same FY 15 PUMPED WATER: is projected to be 3,897.43 MG @ $168.00/MG assuming 2%annual increase beginning in FYE 2014 = $655,362		655,362.00
			Gas & Electric Total	**658,810.00**	**658,984.00**

250	**General Supplies**	200.50.51.000.2.250	Sewer cleaning supplies: hoses, nozzels, MH Pullers, scrapers, supplies for SSO trailer and other miscellaneous supplies	5,000.00	5,000.00
		600.50.51.000.2.250	Maintenance of Hydrants, Fittings, Pipe, Valves, Grease and lubricants Hoses and fittings, USA line Locating Paints, rags, towels, Main and service line repair parts, clamps, couplings, saddles, corp stops, curb stops, pipe etc...(increase in number of repairs with the drought)	70,000.00	70,000.00
			Stockpiling of EMERGENCY repair parts including various different sizes of repair clamps, flex couplings, service fittings, main line fittings, and pipe etc... to help prepare the district for a major emergency.		115,000.00
			General Supplies Total	**75,000.00**	**190,000.00**
260	**Tools**	600.50.51.000.2.260	Misc.Tools for water system work:	1,000.00	1,000.00
			Tools Total	**1,000.00**	**1,000.00**
312	**Professional Services**	600.50.51.000.3.312	LAI & ASSOCIATES: Soils Compaction Testing for underground repairs required	14,000.00	14,000.00
			Professional Services Total	**14,000.00**	**14,000.00**
320	**Equipment Lease/Rental**	200.50.51.000.3.320	CAMP PARKS RENTAL/ LAND LEASE - Land Lease agreement - $37,380.00/ yr 40% to Fund 200 = $14,952.00	14,952.00	14,952.00
			CAMP PARKS RENTAL/ LAND LEASE - Police, Fire & Security - $6454.00/ yr 40% to Fund 200 = $2582.00	2,582.00	2,582.00
		600.50.51.000.3.320	DOUGHERTY RESERVOIR LEASE: - Zone 7 = $31,000.00	31,000.00	31,000.00
			ZONE 7 O&M: - charges for Dougherty Reservoir are projected to be $34680 (District Portion) based on Avg of $2890/mo For FY 16 assume 2.5% increase - avg of $2963/mo X 12 =$35,556	35,556.00	35,556.00
			CAMP PARKS - Police, Fire, and Security - $6454/ yr 60% to Fund 600 = $3872.00	3,872.00	3,872.00
			CAMP PARKS LAND LEASE: Land lease $3115/ mo X 12 = $37380.00 annual cost 60% to Fund 60 = $22,428	22,428.00	22,428.00
			Equipment Lease/Rental Total	**110,390.00**	**110,390.00**
325	**Maintenance Contracts**	200.50.51.000.3.325	POSM SUPPORT/ UPGRADES- CCTV Software Support Contract -Collections System $1500.00 annual	1,500.00	1,500.00
		600.50.51.000.3.325	Maintenance /certified calibration of Hach Bench top analyzers DR2800 4 units @ $1675.00 FY 16 $1763.00 FY 17	1,675.00	1,763.00
			Maintenance of I Water software purchased in FY 2015 for field mobill mapping of water system (valves, hydrants, ARV's, pipe line repairs etc..) integrated with Lucity.	2,000.00	2,000.00
			Maintenance Contracts Total	**5,175.00**	**5,263.00**

340	Other Services	200.50.51.000.3.340	Subsurface Sewer Repair work: contract labor	20,000.00	20,000.00
			Chemical Root treatment of identified problem areas where staff has spent time clearing root check out of ALL mechanical and electrical elements of the operation of CCTV truck by the obstructions by mechanical means (chain flail, cutter, etc) Would be done on as needed or when manufacturer and builder including cable and reel, camera controller, generator and computer identified. (CCTV equipment has never been updated/ serviced since new in 2005)	25,000.00	
			Chemical Root treatment of identified problem areas where staff has spent time clearing root obstructions by mechanical means (chain flail, cutter, etc) Would be done on as needed or when identified.		25,000.00
			CCTV truck specialized equipment update and fully	7,500.00	
		600.50.51.000.3.340	PEST CONTROL, misc locations - 10 sites @ $125.00 /per	1,250.00	1,250.00
			LANDSCAPE MAINTENANCE- pump stations, turnouts, and reservoirs.	9,600.00	9,600.00
			RECYCLED RESERVOIR CLEANING - R20 & R300 - Due in FY 2016 (January), (cost was $13,000 in FYE 2013)	15,000.00	
			SUBSURFACE REPAIRS and After Hours Maintenance & Repair of Water System / Asphalt Repairs: Contract Labor and materials furnished by contractor. FY15 projected at $550,000	400,000.00	400,000.00
			FIRE HYDRANT PAINTING - Along highly visible streets of Dublin / Dougherty Valley $20,000.00	20,000.00	20,000.00
			POTABLE RESERVOIR CLEANING: - DUE in FY 16 (January), Res. 1A, 2A, 3A, 3B, 4A, 10B, 20A, 30A, 200A, 200B, 300A, 300B = $48,000 Res 10A IS NOT INCLUDED IN THIS DUE TO BEING O.O.S.	48,000.00	
			Other Services Total	**546,350.00**	**475,850.00**
360	Telecommunication Services	200.50.51.000.3.360	FOD Staff (cell) Telephone Service and "HOT SPOTS" 11 phones @ 60.00/ month X 11 = 660/mo (7920 annual) 40% = 3168	3,168.00	3,168.00
		600.50.51.000.3.360	FOD Staff (cell) Telephone Service and "HOT SPOTS" 11 phones @ 60.00/ month = 660/mo x 12 = 7920 annual (60% = 4752)	4,752.00	4,752.00
			Other FOD SCADA/Telecom expenses @ $525/mo x 12 = 6300	6,300.00	6,300.00
		610.50.51.000.3.360	Replacement of field ops cell phones due to loss or damage (2)	700.00	700.00
			Telecommunication Services Total	**14,920.00**	**14,920.00**
400	Meetings	200.50.51.000.4.400	Recognition/team building, 1 supervisor and 11 WWSO's (12 @ $50) 50%	300.00	300.00
			Local professional meetings, 1 supervisor and 11 WWSO's (12 @ $50) 50%	300.00	300.00
		600.50.51.000.4.400	Recognition/team building, 1 supervisor and 11 WWSO's (12 @ $50) 50%	300.00	300.00
			Local professional meetings, 1 supervisor and 11 WWSO's (12 @ $50) 50%	300.00	300.00
			Meetings Total	**1,200.00**	**1,200.00**

410	Permits, Licenses & District Mbrshps	200.50.51.000.4.410	FOD TRAILER REGISTRATION @ $300.00/yr 40% = $120.00	120.00	120.00
		600.50.51.000.4.410	City of Dublin Encroachment Permits:40 @ $325.00/per = $13,000.00	13,000.00	13,000.00
			City of SR Encroachment Permits: 6 @ $350.00/per = $2100.00	2,100.00	2,100.00
			FOD TRAILER REGISTRATION: $300.00 /yr (60% 600) = 180.00	180.00	180.00
			Permits, Licenses & District Mbrshps Total	**15,400.00**	**15,400.00**
420	Subscriptions & Publications	200.50.51.000.4.420	Subscriptions and Publications, Periodicals	250.00	250.00
			Subscriptions & Publications Total	**250.00**	**250.00**
			Division Total	**3,736,890.31**	**3,862,337.58**

Division: 52
Fiscal Year(s) Ending: 2016, 2017
Budget Level: 3-GM Review

Placeholders: Exclude
Budget Adjustments: Exclude

Division 52 Budget Detail

Account	Title	Account Number	Description	FYE 2016	FYE 2017
100	Salaries	300.50.52.000.1.100	Salaries	1,308,828.83	1,357,507.94
			Salaries Total	**1,308,828.83**	**1,357,507.94**
120	Overtime	300.50.52.000.1.120	Overtime for filling shifts. Support of FSL Harvesting Operations Staff More Senior More time off	125,000.00	125,000.00
			Overtime Total	**125,000.00**	**125,000.00**
122	Shift Pay	300.50.52.000.1.122	Shift Differentials	77,983.36	77,983.36
			Shift Pay Total	**77,983.36**	**77,983.36**
125	Medical	300.50.52.000.1.125	Medical	157,898.61	172,053.68
			Medical Total	**157,898.61**	**172,053.68**
126	Retirement	300.50.52.000.1.126	Retirement	410,621.02	432,790.52
			Retirement Total	**410,621.02**	**432,790.52**
127	Other Benefits	300.50.52.000.1.127	Other Benefits	80,756.48	88,976.26
			Other Benefits Total	**80,756.48**	**88,976.26**
128	Salary / Benefit Credit	300.50.52.000.1.128	Salary / Benefit Credit	(365,883.06)	(382,627.21)
			Salary / Benefit Credit Total	**(365,883.06)**	**(382,627.21)**
140	Training Costs	300.50.52.000.1.140	Conference attendance: Operations Supervisor annual CWEA and/or WateReuse conferences each year	1,000.00	1,000.00
			Professional Development Training, 12 employees total	6,000.00	6,000.00
			Training Costs Total	**7,000.00**	**7,000.00**

150	Temporary Help	300.50.52.000.1.150	Temp Harvesting Lead 25 Weeks - 10 hour days (8 Reg ($28.16/hr) and 2 OT(42.24/hr)	29,550.00	30,425.00
			Overtime for Harvesting (special harvesting projects, emergencies, coverage for absences) - 8%	7,434.00	7,656.00
			Temps for FSL Harvesting 25 weeks 72 hours @ Reg ($25.60/hour) 23 weeks 18 hours @ OT (38.40/hour) Lossing some maintenance support of this function with the retirement of a maintenance lead. Operations planning to take over the lion share of that role.	63,375.00	65,275.00
			Temporary Help Total	**100,359.00**	**103,356.00**
160	Uniforms & Safety Equipment	300.50.52.000.1.160	Safety Shoes: 11 Operators at $200/yr	2,200.00	2,200.00
			Replacement uniforms, 11 Operators at $250/yr	2,838.00	2,926.00
			Misc Safety Equipment and Supplies	1,000.00	1,000.00
			Uniforms & Safety Equipment Total	**6,038.00**	**6,126.00**
170	Employee Memberships & Certifications	300.50.52.000.1.170	Underground Storage Tank Operator Exam	90.00	90.00
			Grade IIII Certifcations	680.00	680.00
			Grade III Certifications	300.00	300.00
			CWEA Memberships: 12 Operators plus Supervisor at $150/yr	1,800.00	1,800.00
			Employee Memberships & Certifications Total	**2,870.00**	**2,870.00**
200	Chemicals	300.50.52.000.2.200	Process Polymer	4,920.00	5,068.00
			Ferrous Chloride ---- Digester Gas H2S Control Budgetting 10% more to extend Gas Skid Media Life	47,047.00	48,458.00
			Ferrous Chloride ---- Odor Control	33,829.00	34,844.00
			Ferrous Chloride----Struvite Control	33,829.00	34,844.00
			Sodium Hypochlorite	163,495.86	168,454.00
			Reodorant	23,213.84	23,928.00
			Chemicals Total	**306,334.70**	**315,596.00**
210	Equipment Under $10,000	300.50.52.000.2.210	FSl Harvesting Sludge Hose	4,700.00	4,700.00
			Digester gas H2S Meter to monitor DG H2S for operator adjustment of Ferrous Chloride.	8,900.00	
			Washdown Cannons	2,640.00	2,640.00
			Equipment Under $10,000 Total	**16,240.00**	**7,340.00**

230	Fuel	300.50.52.000.2.230	Fuel for LAVWMA vehicles fill ups at service stations away from the WWTP(Cost is included in Personnel billing rates to LAVWMA)	250.00	250.00
			Fuel Total	**250.00**	**250.00**
240	Gas & Electric	300.50.52.000.2.240	PG&E rate increases for FYE 2015, not including DGS gas purchases (estimated at 3%)	12,797.75	12,797.75
			WWTP Electric: total demand and energy charges (SD calcs)	545,891.76	562,260.00
			WWTP Electric: Fixed Meter Charge (SD calcs)	18,797.49	19,356.00
			WWTP Electric: departing load charges (SD calcs)	30,900.00	31,824.00
			WWTP Electric: contingency for blown peaks during summer on-peak rate period (SD calcs)	20,600.00	21,218.00
			WWTP Natural gas: DGS gas purchases for Cogeneration engines (SD Calcs)	216,300.00	222,792.00
			WWTP Electric: FSL Aerators (based on billing history)	21,012.00	21,648.00
			WWTP Natural gas: Fleet Maint Shop. Summer bills are typically $16/mo, while winter bills are typically $200-$350/mo (based on billing history)	1,669.20	1,719.24
			WWTP Natural gas: LAB HVAC (2 boilers) and the WWTP Boiler (based on billing history)	1,050.60	1,082.11
			Gas & Electric Total	**869,018.80**	**894,697.10**
250	General Supplies	300.50.52.000.2.250	Grit Bin drainage screening cloth	1,260.72	1,298.00
			Aeration Diffusers 1668 for one Aeration Basin	14,144.00	14,568.00
			Aeration Dissolved Oxygen Sensors and replacement membranes	3,272.82	3,370.00
			General Supplies	3,553.50	3,908.00
			Bottled Water	3,607.06	3,715.00
			General Supplies Total	**25,838.10**	**26,859.00**
260	Tools	300.50.52.000.2.260	Operations Tools	1,648.00	1,648.00
			Tools Total	**1,648.00**	**1,648.00**
312	Professional Services	300.50.52.000.3.312	Process Trouble shooting, consultant support	2,500.00	2,500.00
			Professional Services Total	**2,500.00**	**2,500.00**
320	Equipment Lease/Rental	300.50.52.000.3.320	Forklift rental to move FSL Dredge Anchora during harvesting operations 1. Prevents a Mechanic from being on standby to move the dredge anchors. 2. Harvestings Crew can move teh anchors excatly when needed maximizing the thickness of sludge applied to DLD.	8,000.00	
			Equipment Lease/Rental Total	**8,000.00**	

330	Monitoring & Testing Services	300.50.52.000.3.330	Annual UST Monitoring Certfication, Spill Bucket, Cathodic Protection, Pipe and Tank Testing - New monitoring System Annual testing more expensive		4,600.00
			Annual UST Monitoring Certfication, Spill Bucket, Cathodic Protection, Pipe and Tank Testing-New Monitoring system testing more expensive	4,400.00	
			Monitoring & Testing Services Total	**4,400.00**	**4,600.00**
340	Other Services	300.50.52.000.3.340	WWTP pipe and drain cleaning services	2,000.00	2,000.00
			Harvesting Tools and Supplies, misc	4,635.00	4,774.00
			Tractor Delivery and Pick up	838.00	863.00
			Dredge Transport To and From FSL/DLD	3,892.00	4,101.00
			DLD Mowing, not necessary if a cover crop is grown (rental equipment)	1,200.00	1,236.00
			Harvesting Tractor $7663.32.00 X 5 months = $38316 Radio rental = $237 Miscellaneous repair parts ---$1,000	39,585.00	40,775.00
			Laboratory and Administration Building Water Softener Service	3,875.00	3,991.00
			WWTP Landscape Maintenance	10,824.00	11,148.00
			Recycled water for landscape irrigation: Johnson Drive streetscape and FSL/DLD area (shows up on expense reports as UB Billing), based on actual billing history	30,582.00	30,582.00
			WWTP pest/rodent/insect control	3,120.00	3,216.00
			Misc landscape repairs due to wind damage, erosion, spills, etc.	1,236.00	1,273.00
			Solids Hauling--- Screenings	40,523.00	40,523.00
			Solids Hauling---Grit	17,989.00	17,989.00
			Potable water for plant facilities (Account # 104611-3, 152987-2, 104541-5) Based on average consumption for the 3 accounts, calculated at Pleasanton's Prop 218 rates. 104611-3= $23.55; 152987-2= $158; 104541-5= $2625 bi-monthly.	1,306.00	1,306.00
			Other Services Total	**161,605.00**	**163,777.00**
360	Telecommunication Services	300.50.52.000.3.360	Telephone Service	4,000.00	4,000.00
			Telecommunication Services Total	**4,000.00**	**4,000.00**
400	Meetings	300.50.52.000.4.400	Meetings	1,200.00	1,200.00
			Meetings Total	**1,200.00**	**1,200.00**
420	Subscriptions & Publications	300.50.52.000.4.420	Professional Subscriptions and Publications	200.00	200.00
			Subscriptions & Publications Total	**200.00**	**200.00**
			Division Total	**3,312,706.84**	**3,413,703.65**

Division: 53
Fiscal Year(s) Ending: 2016, 2017
Budget Level: 3-GM Review

Placeholders: Exclude
Budget Adjustments: Exclude

Division 53 Budget Detail

Account	Title	Account Number	Description	FYE 2016	FYE 2017
100	Salaries	200.50.53.000.1.100	Salaries	86,664.83	89,188.97
		300.50.53.000.1.100	Salaries	901,956.76	928,984.55
		600.50.53.000.1.100	Salaries	319,902.71	328,390.53
		900.50.53.000.1.100	Salaries	43,391.26	44,520.06
			Salaries Total	**1,351,915.56**	**1,391,084.11**
120	Overtime	200.50.53.000.1.120	Overtime, sewer system maintenance including Dublin Lift Station	1,000.00	1,000.00
		300.50.53.000.1.120	After hours repair and emergency breakdowns, misc WWTP equipment	14,000.00	14,000.00
		600.50.53.000.1.120	Overtime, water system repairs, misc	6,700.00	6,700.00
		900.50.53.000.1.120	Overtime, District Office repairs and maintenance	3,300.00	3,300.00
			Overtime Total	**25,000.00**	**25,000.00**
125	Medical	200.50.53.000.1.125	Medical	9,941.52	10,853.88
		300.50.53.000.1.125	Medical	127,954.92	140,479.20
		600.50.53.000.1.125	Medical	42,848.40	46,969.20
		900.50.53.000.1.125	Medical	7,192.08	7,883.88
			Medical Total	**187,936.92**	**206,186.16**
126	Retirement	200.50.53.000.1.126	Retirement	27,740.41	28,934.12
		300.50.53.000.1.126	Retirement	285,222.71	298,556.20
		600.50.53.000.1.126	Retirement	101,480.11	105,833.45
		900.50.53.000.1.126	Retirement	13,826.01	14,396.99
			Retirement Total	**428,269.24**	**447,720.76**
127	Other Benefits	200.50.53.000.1.127	Other Benefits	5,298.01	5,812.37
		300.50.53.000.1.127	Other Benefits	55,178.50	60,558.11
		600.50.53.000.1.127	Other Benefits	19,549.16	21,410.59
		900.50.53.000.1.127	Other Benefits	2,789.22	3,049.31
			Other Benefits Total	**82,814.89**	**90,830.38**

128	Salary / Benefit Credit	200.50.53.000.1.128	Salary / Benefit Credit	(8,819.85)	(9,172.23)
		300.50.53.000.1.128	Salary / Benefit Credit	(58,341.04)	(60,658.29)
		600.50.53.000.1.128	Salary / Benefit Credit	(108,633.46)	(112,988.93)
		900.50.53.000.1.128	Salary / Benefit Credit	(602.45)	(625.00)
			Salary / Benefit Credit Total	**(176,396.80)**	**(183,444.45)**
140	Training Costs	300.50.53.000.1.140	Conference attendance, CWEA/BAMI/AWWA/APWA: Supervisor	500.00	500.00
			PROFESSIONAL DEVELOPMENT JOB RELATED TRAINING 10 Employees plus Supervisor (Fleet Mechanic training to be budgeted under Fund 600)	5,500.00	5,500.00
		600.50.53.000.1.140	JOB RELATED TRAINING CWEA Training ($400 x2), 2 Mechanics	800.00	800.00
			Training Costs Total	**6,800.00**	**6,800.00**
150	Temporary Help	300.50.53.000.1.150	Temp labor to provide painting and miscellaneous minor repairs at the plant	52,000.00	52,000.00
			Temporary Help Total	**52,000.00**	**52,000.00**
160	Uniforms & Safety Equipment	900.50.53.000.1.160	Replacement uniforms ($200 x12), 12 Mechanics and Maintenance Workers	2,400.00	2,400.00
			Replacement footwear ($200 x12), 12 Mechanics and Maintenance Workers	2,400.00	2,400.00
			Misc. Safety Equipment	1,000.00	1,000.00
			Uniforms & Safety Equipment Total	**5,800.00**	**5,800.00**
170	Employee Memberships & Certifications	300.50.53.000.1.170	CWEA Membership & Certification	800.00	800.00
			Crane Certification	2,000.00	2,000.00
			ASE Certification ($100 x2)	200.00	200.00
			Employee Memberships & Certifications Total	**3,000.00**	**3,000.00**
200	Chemicals	300.50.53.000.2.200	Plant, facility, and automotive chemicals. Coatings and paint for fleet maintenance, chemicals for cleaning bldgs, carpeting, floors, hand soaps, disinfectants, and misc custodial supplies.	20,000.00	21,500.00
			Replacement SAG media 2 vessels per year ($7.5K x2)	15,000.00	15,000.00
			H2S removal media 2 vessels per year ($9K x2)	18,000.00	18,000.00
			Chemicals Total	**53,000.00**	**54,500.00**

210	**Equipment Under $10,000**	300.50.53.000.2.210	Backhoe attachment for Tractor		7,000.00
			WWTP basin system wash-down isolation valves	10,000.00	
			Sodium Hypochlorite Pumps (QTY 2)		5,000.00
			WWTP Utility Golf Cart	8,500.00	
			Golf Cart Replacement (48V)	5,000.00	5,000.00
			Equipment Under $10,000 Total	**23,500.00**	**17,000.00**
220	**Fluids**	200.50.53.000.2.220	Fluids for sewer cleaning equipment maintenance, misc	500.00	500.00
		300.50.53.000.2.220	Lubricating oils, grease, and solvents. Cogen oil, Luber, Cogen oil lab analysis. Oil, lubricants, anti freeze, and fluids for fleet maintenance.	45,000.00	45,000.00
			Fluids Total	**45,500.00**	**45,500.00**
230	**Fuel**	200.50.53.000.2.230	Fuel for sewer cleaning vehicles, fill ups at the WWTP @ $4/gallon.	2,000.00	2,000.00
		300.50.53.000.2.230	Costs related to gasoline and diesel fuel consumed by District vehicles and equipment at the WWTP @ $4.10/gallon.	70,000.00	70,000.00
			Fuel for Bio-Soilds harvesting	12,500.00	12,500.00
		600.50.53.000.2.230	Fuel for vehicles associated with water operations and distribution, fill ups at the WWTP @ $4.10/gallon.	1,500.00	1,500.00
		900.50.53.000.2.230	Fuel for Admin vehicles @ $4.10/gallon.	1,000.00	1,000.00
			Fuel Total	**87,000.00**	**87,000.00**
250	**General Supplies**	200.50.53.000.2.250	Misc parts and supplies to service lift station, and repair sewer maint vehicles and equipment	14,000.00	14,000.00
		300.50.53.000.2.250	Misc equipment, parts, supplies, and materials for repairs and maintenance.	342,300.00	350,000.00
			Catalyst bed change outs ($10K)	10,000.00	10,000.00
			Allocated improvements from safety comittee		20,000.00
				20,000.00	
			Pipe chase grating upgrade to H20	5,000.00	
			A/C recharge system for fleet	4,000.00	
		600.50.53.000.2.250	Parts and supplies for water system maintenance, misc	14,000.00	14,500.00
		900.50.53.000.2.250	Parts and supplies to maintain and repair bldgs and grounds at the District Office	10,000.00	10,800.00
			General Supplies Total	**419,300.00**	**419,300.00**

260	**Tools**	200.50.53.000.2.260	Tools	200.00	200.00
		300.50.53.000.2.260	Tools, misc, including wrenches, chisels, punches, chain saws, weed eaters, sockets, pliers, hammers, tap & die sets, grease guns, etc.	14,000.00	14,000.00
		600.50.53.000.2.260	Tools, misc water system usage	1,000.00	1,000.00
		900.50.53.000.2.260	Tools to maintain and repair bldgs and grounds at the District Office	500.00	500.00
			Tools Total	**15,700.00**	**15,700.00**
312	**Professional Services**	300.50.53.000.3.312	Professional Services: Asset Management - Condition Assessment ($5K)	5,000.00	5,000.00
			Professional Services: Air Board Permitting Environmental Services ($5K)	5,000.00	5,000.00
			Professional Services Total	**10,000.00**	**10,000.00**
320	**Equipment Lease/Rental**	300.50.53.000.3.320	Leased or rented equipment necessary for maintenance, misc	1,000.00	1,100.00
			Leased or rented Bucket Truck	4,000.00	4,000.00
			Equipment Lease/Rental Total	**5,000.00**	**5,100.00**
325	**Maintenance Contracts**	300.50.53.000.3.325	Lucity CMMS software maintenance support, annual	16,000.00	17,000.00
			Shopkey software maintenance	1,400.00	1,400.00
			WWTP HVAC Maintenance Contract	4,000.00	4,000.00
			Hands-free restroom services	1,000.00	1,000.00
			Cogen catalyst bed cleaning	3,000.00	3,000.00
			Pest Control District wide - routine only	2,000.00	2,000.00
			Elevator Annual Service	3,000.00	3,000.00
			Absorption chiller maintenance services	7,500.00	7,500.00
		900.50.53.000.3.325	DO HVAC Maintenance Contract	3,000.00	3,000.00
			Maintenance Contracts Total	**40,900.00**	**41,900.00**
330	**Monitoring & Testing Services**	300.50.53.000.3.330	Gas sampling and analysis to test gas conditioning media for parameter breakthrough, required for proper cogen/catalytic converter operation. Six samples at $1,000 each, collected and analyzed.	6,000.00	6,000.00
			Elevator annual inspection and certification	1,000.00	1,000.00
			Quarterly and Annual Fire Sprinkler/Riser Inspections	7,800.00	7,800.00
			Backflow device testing and certification	3,200.00	3,200.00
			Monitoring & Testing Services Total	**18,000.00**	**18,000.00**

340	Other Services	300.50.53.000.3.340	On-call vibration analysis, crane service and inspection, plumbing, locksmith, and outside fleet services.	5,000.00	5,000.00
			Automotive services (includes body damage repair)	15,000.00	15,000.00
			Automotive smog certifications	2,000.00	2,000.00
			Crane service certification	4,000.00	4,000.00
			Elevator Maintenance	2,000.00	2,000.00
			Cogen Head rebuilds ($10K; three engines rebuild heads, one each every three years = one per year)	10,000.00	10,000.00
			HVAC Repairs	4,500.00	4,500.00
			Excavation utility locating services	5,000.00	5,000.00
			Fleet GPS Tracking ($35K)	35,000.00	35,000.00
			Janitorial service WWTP	5,000.00	5,000.00
			Roof Repairs	4,000.00	4,000.00
		600.50.53.000.3.340	Water System HVAC, roofing, painting, fence, gates, office repiars and fire sprinkler system inspections and repairs.	5,000.00	5,000.00
		900.50.53.000.3.340	Repairs to fences and gates, District Office District Office fire sprinkler system inspection and repair	2,000.00	2,000.00
			DO Janitorial service	24,000.00	24,000.00
			Other Services Total	**122,500.00**	**122,500.00**
360	Telecommunication Services	200.50.53.000.3.360	Allocated cell phone costs	575.00	575.00
		300.50.53.000.3.360	Allocated cell phone costs	4,800.00	4,800.00
		600.50.53.000.3.360	Allocated cell phone costs	2,000.00	2,000.00
		900.50.53.000.3.360	Allocated cell phone costs	725.00	725.00
			Telecommunication Services Total	**8,100.00**	**8,100.00**
400	Meetings	300.50.53.000.4.400	Outside Meetings, District Staff Meetings, Recognition, Local Meetings.	400.00	400.00
			Team building for 9 employees ($100x9)	900.00	900.00
		600.50.53.000.4.400	Outside Meetings, District Staff Meetings, Recognition, Local Meetings.	166.00	166.00
			Team building for 4 employees ($100x4)	400.00	400.00
			Meetings Total	**1,866.00**	**1,866.00**
420	Subscriptions & Publications	300.50.53.000.4.420	Books, manuals, and subscriptions, misc	250.00	250.00
			Subscriptions & Publications Total	**250.00**	**250.00**
			Division Total	**2,817,755.81**	**2,891,692.96**

Division: 54
Fiscal Year(s) Ending: 2016, 2017
Budget Level: 3-GM Review

Placeholders: Exclude
Budget Adjustments: Exclude

Division 54 Budget Detail

Account	Title	Account Number	Description	FYE 2016	FYE 2017
100	Salaries	300.50.54.000.1.100	Salaries	647,223.73	671,586.14
		600.50.54.000.1.100	Salaries	379,676.59	397,288.79
		900.50.54.000.1.100	Salaries	42,486.04	44,128.11
			Salaries Total	**1,069,386.36**	**1,113,003.04**
120	Overtime	300.50.54.000.1.120	Overtime for repairs of WWTP electrical systems, controls, and equipment	4,000.00	4,000.00
		600.50.54.000.1.120	Overtime for repairs of water system electrical systems, controls, and equipment	1,000.00	1,000.00
		900.50.54.000.1.120	Overtime for repairs of District Office electrical systems, environmental controls, lighting, telephone, and HVAC equipment	200.00	200.00
			Overtime Total	**5,200.00**	**5,200.00**
125	Medical	300.50.54.000.1.125	Medical	77,885.04	84,910.68
		600.50.54.000.1.125	Medical	49,791.00	54,497.76
		900.50.54.000.1.125	Medical	4,879.20	5,312.52
			Medical Total	**132,555.24**	**144,720.96**
126	Retirement	300.50.54.000.1.126	Retirement	191,980.91	201,944.65
		600.50.54.000.1.126	Retirement	115,229.39	122,418.44
		900.50.54.000.1.126	Retirement	12,666.65	13,283.86
			Retirement Total	**319,876.95**	**337,646.95**
127	Other Benefits	300.50.54.000.1.127	Other Benefits	34,594.36	37,761.72
		600.50.54.000.1.127	Other Benefits	18,574.47	20,448.19
		900.50.54.000.1.127	Other Benefits	2,666.23	2,939.66
			Other Benefits Total	**55,835.06**	**61,149.57**
128	Salary / Benefit Credit	300.50.54.000.1.128	Salary / Benefit Credit	(41,997.69)	(43,826.97)
		600.50.54.000.1.128	Salary / Benefit Credit	(69,012.24)	(73,326.34)
		900.50.54.000.1.128	Salary / Benefit Credit	(4,605.66)	(4,884.52)
			Salary / Benefit Credit Total	**(115,615.59)**	**(122,037.83)**

140	**Training Costs**	300.50.54.000.1.140	PROFESSIONAL DEVELOPMENT JOB RELATED TRAINING 9 employees ($500 per EE)	4,500.00	4,500.00
			VENDOR SPECIFIC TRAINING 9 employees ($605 per EE)	5,445.00	5,445.00
			CONFERENCES CWEA certification purposes, Local only 9 employees ($50 per EE)	450.00	450.00
			Training Costs Total	**10,395.00**	**10,395.00**
151	**Interns**	300.50.54.000.1.151	Engineering Intern	4,500.00	4,500.00
		600.50.54.000.1.151	Engineering Intern	10,500.00	10,500.00
			Interns Total	**15,000.00**	**15,000.00**
160	**Uniforms & Safety Equipment**	300.50.54.000.1.160	-- Fire Resistent clothing, includes laundry and repair service, split between 300 (70%) and 600(30%)	3,094.00	3,094.00
			-- Safety Shoes, split between 300(70%) and 600(30%)	1,540.00	1,540.00
			-- Uniform Items, split between 300(70%) and 600(30%)	896.00	896.00
			-- Safety Equipment, split between 300(70%) and 600(30%)	980.00	980.00
		600.50.54.000.1.160	-- Fire Resistent clothing, includes laundry and repair service, split between 300 (70%) and 600(30%)	1,326.00	1,326.00
			-- Safety Shoes, split between 300(70%) and 600(30%)	660.00	660.00
			-- Uniform Items, split between 300(70%) and 600(30%)	420.00	420.00
			-- Safety Equipment, split between 300(70%) and 600(30%)	384.00	384.00
			Uniforms & Safety Equipment Total	**9,300.00**	**9,300.00**
170	**Employee Memberships & Certifications**	300.50.54.000.1.170	MEMBERSHIPS -- Senior Electrical Engineer - Supervisory (2 memberships) -- WEF/CWEA Memberships (8 employees) -- Additional job-related Membership to one other organization (8 employees)	2,400.00	2,400.00
			CERTIFICATES -- CWEA E&I Tech II or III (8 employees) -- California PE - Senior Electrical Engineer -- State Water Board Grade II Operator (1 employee)	1,755.00	1,755.00
			Employee Memberships & Certifications Total	**4,155.00**	**4,155.00**
200	**Chemicals**	300.50.54.000.2.200	Chemicals for analyzer maintenance	480.00	480.00
		600.50.54.000.2.200	Chemicals for Analyzer maintenance	720.00	720.00
			Chemicals Total	**1,200.00**	**1,200.00**

210	**Equipment Under $10,000**	300.50.54.000.2.210	-- SV9000 VFD Replacements (existing units are nearing end of useful life)	11,500.00	15,000.00
			-- CL2 Analyzers (existing units are obsolete)		3,000.00
				3,000.00	
			-- IQ Analyzer replacements for existing (existing units are failing)	5,000.00	
			-- Security replacement parts		1,000.00
				1,000.00	
			-- 52-S PowerXpert Meter firmware upgrade and new Ethernet Switch	2,000.00	
			-- Aeration Blower Local Control Panel Touch Screens (existing units are no longer being supported by Blower vendor)		5,000.00
		600.50.54.000.2.210	-- FOD Reservoirs LIT's	8,000.00	
		900.50.54.000.2.210	-- Security Replacement Parts	500.00	500.00
			Equipment Under $10,000 Total	**31,000.00**	**24,500.00**
250	**General Supplies**	200.50.54.000.2.250	Motor repair, misc replacement parts/spares, etc.	400.00	420.00
		300.50.54.000.2.250	Wire, motors, connectors, conduit, lighting, motor repairs, MCC repairs	87,832.00	92,224.00
		600.50.54.000.2.250	Wire, motors, connectors, conduit, lighting, motor repairs, MCC repairs	33,392.00	35,062.00
		900.50.54.000.2.250	Wire, motors, connectors, conduit, lighting, motor repairs, MCC repairs	5,429.00	5,700.00
			General Supplies Total	**127,053.00**	**133,406.00**
260	**Tools**	300.50.54.000.2.260	General tools for electricians, instrumentation technicians, and control system specialists	5,000.00	5,000.00
			Tools Total	**5,000.00**	**5,000.00**
312	**Professional Services**	300.50.54.000.3.312	-- Cathodic protection survey for EALS	1,000.00	1,000.00
		600.50.54.000.3.312	-- Cathodic protection survey for water reservoirs	3,000.00	3,000.00
			-- Cathodic protection survey for water pipelines	3,000.00	3,000.00
			Professional Services Total	**7,000.00**	**7,000.00**

325	**Maintenance Contracts**	300.50.54.000.3.325	-- SCADA HMI and Historian software support, annual	33,000.00	33,000.00
			-- Environmental Control System hardware and software, annual (quarterly maintenance services), split between 300(70%) and 900(30%)	12,970.00	12,970.00
			-- Power Monitoring and Control System hardware and software, annual (quarterly maintenance services)	9,000.00	9,000.00
			-- SCADA PLC hardware and software support, 3-year contract paid annually	3,500.00	3,500.00
			-- Transformer Testing, bi-annual scheduled for 3/2016	3,500.00	3,500.00
			-- 21kV Prevetive Maintenance service, tri-annual scheduled for 9/2017	8,500.00	8,500.00
			-- Electrical Systems Analysis software support, annual	2,000.00	2,000.00
			-- SCADA Alarm Dialer hardware and software support, annual	500.00	500.00
			-- Security Monitoring and Control System software support and service, annual, split between 300(50%) and 900(50%)	4,000.00	4,000.00
		600.50.54.000.3.325	-- SCADA HMI and Historian software support, annual	9,900.00	9,900.00
			-- SCADA Alarm Dialer hardware and software support, annual	500.00	500.00
		900.50.54.000.3.325	-- Environmental Control System hardware and software, annual (quarterly maintenance services), split between 300(70%) and 900(30%)	5,558.00	5,558.00
			-- SCADA HMI and Historian software support, annual	550.00	550.00
			-- Electrical Service Switch Prevetive Maintenance service, tri-annual scheduled for 4/2016	3,500.00	3,500.00
			-- Security Monitoring and Control System software support and service, annual, split between 300(50%) and 900(50%)	4,000.00	4,000.00
			Maintenance Contracts Total	**100,978.00**	**100,978.00**
360	**Telecommunication Services**	300.50.54.000.3.360	-- Wireless Phone Carrier, includes service, GETS, and hot spot, annual (9 employees), split between 300(48%), 600(48%), and 900(4%)	2,903.00	2,903.00
			-- Replacement phones and accessories, split between 300(48%), 600(48%), and 900 (4%)	1,188.00	1,188.00
		600.50.54.000.3.360	-- Wireless Phone Carrier, includes service, GETS, and hot spot, annual (9 employees), split between 300(48%), 600(48%), and 900(4%)	2,903.00	2,903.00
			-- Replacement phones and accessories, split between 300(48%), 600(48%), and 900 (4%)	1,188.00	1,188.00
		900.50.54.000.3.360	-- Wireless Phone Carrier, includes service, GETS, and hot spot, annual (9 employees), split between 300(48%), 600(48%), and 900(4%)	242.00	242.00
			-- Replacement phones and accessories, split between 300(48%), 600(48%), and 900 (4%)	99.00	99.00
			Telecommunication Services Total	**8,523.00**	**8,523.00**

400	**Meetings**	300.50.54.000.4.400	Outside Meetings, District Staff Meetings, Recognition, Local Meetings. Team building for 9 employees	945.00	945.00
		600.50.54.000.4.400	Outside Meetings, District Staff Meetings, Recognition, Local Meetings. Team building for 9 employees	405.00	405.00
			Meetings Total	**1,350.00**	**1,350.00**
410	**Permits, Licenses & District Mbrshps**	300.50.54.000.4.410	Emergency Communications Radio fees	3,000.00	3,000.00
			Permits, Licenses & District Mbrshps Total	**3,000.00**	**3,000.00**
420	**Subscriptions & Publications**	300.50.54.000.4.420	subscriptions, reference books, NEC Handbook	250.00	250.00
			Subscriptions & Publications Total	**250.00**	**250.00**
			Division Total	**1,791,442.02**	**1,863,739.69**

Division: 55
Fiscal Year(s) Ending: 2016, 2017
Budget Level: 3-GM Review

Placeholders: Exclude
Budget Adjustments: Exclude

Division 55 Budget Detail

Account	Title	Account Number	Description	FYE 2016	FYE 2017
100	Salaries	300.50.55.552.1.100	Salaries	457,648.62	469,090.05
		600.50.55.552.1.100	Salaries	112,478.21	115,289.98
			Salaries Total	**570,126.83**	**584,380.03**
120	Overtime	300.50.55.552.1.120	Lab overtime to fill for absences, holidays, and to respond to projects, spills and uncontrolled circumstances.	2,250.00	2,300.00
		600.50.55.552.1.120	Lab overtime to fill for absences, holidays, and to respond to projects, spills and uncontrolled circumstances.	1,050.00	1,100.00
			Overtime Total	**3,300.00**	**3,400.00**
125	Medical	300.50.55.552.1.125	Medical	50,359.44	54,959.64
		600.50.55.552.1.125	Medical	12,875.28	14,053.68
			Medical Total	**63,234.72**	**69,013.32**
126	Retirement	300.50.55.552.1.126	Retirement	142,832.74	148,956.21
		600.50.55.552.1.126	Retirement	35,228.54	36,754.24
			Retirement Total	**178,061.28**	**185,710.45**
127	Other Benefits	300.50.55.552.1.127	Other Benefits	27,242.63	29,827.53
		600.50.55.552.1.127	Other Benefits	6,798.21	7,439.22
			Other Benefits Total	**34,040.84**	**37,266.75**

140	Training Costs	300.50.55.552.1.140	Conference attendance: CWEA conferences to obtain CEU's for lab staff (annual) EBDA Lab Managers Meetings (monthly) BACWA Lab Committee (monthly)	1,000.00	1,000.00
			PROFESSIONAL DEVELOPMENT 5 employees: Raj Gumber, Connie Sanchez, Troy To, David Bonn, and Daisy Thach-DallaBetta (All Professional Development split 50/50 between 300/600)	1,250.00	1,300.00
		600.50.55.552.1.140	Conference attendance: AWWA conferences to obtain CEU's for lab staff (annual)	1,000.00	1,000.00
			Professional Development: 5 employees: Raj Gumber, Connie Sanchez, Troy To, David Bonn, and Daisy Thach-DallaBetta (All professional Development split 50/50 between 300/600)	1,250.00	1,250.00
			Training Costs Total	**4,500.00**	**4,550.00**
160	Uniforms & Safety Equipment	300.50.55.552.1.160	Replacement for lab coats and safety shoes for 4 staff members. The cost split 67/33 between 300/600.	800.00	800.00
			Replacement of worn out floor mats provided to Lab employees while preforming lengthy Lab experiments. The cost split 50/50 between 300/600.	400.00	400.00
			Misc safety equipment and supplies	250.00	250.00
		600.50.55.552.1.160	Replacement for lab coats and safety shoes for 4 staff members. The cost split 67/33 between 300/600.	400.00	400.00
			Replacement of worn out floor mats provided to Lab employees while preforming lengthy Lab experiments. The cost split 50/50 between	450.00	450.00
			Misc safety equipment and supplies	250.00	250.00
			Uniforms & Safety Equipment Total	**2,550.00**	**2,550.00**
170	Employee Memberships & Certifications	300.50.55.552.1.170	Memberships and certifications for 5 staff members. (Certification for Chemist and Supervisor is a job requirement. The District recently approved to pay for Lab Techs certifications.)	1,630.00	1,630.00
		600.50.55.552.1.170	Memberships and certifications for 5 staff members. (Certification for Chemist and Supervisor is a job requirement. The District recently approved to pay for Lab Techs certifications.)	450.00	450.00
			Employee Memberships & Certifications Total	**2,080.00**	**2,080.00**
200	Chemicals	300.50.55.552.2.200	Lab chemicals for wastewater, groundwater and sludge analysis.	24,900.00	25,980.00
		600.50.55.552.2.200	Lab chemicals for recycled water, drinking water-DBPs and special analysis.	7,900.00	8,500.00
			Chemicals Total	**32,800.00**	**34,480.00**

210	Equipment Under $10,000	300.50.55.552.2.210	In case of failure, get the recirculation pump and other accessories to fix the aging Lab's dishwasher. The lab needs to replace the Cyanide and phenol distillation units and buy a Chiller for the condenser recirculation and Ammonia probe.		7,730.00
			In case of failure, get the recirculation pump and other accessories to fix the aging Lab's dishwasher. The lab needs to replace the Purge and Trap Concentrator for GC/MS, Eluent Generator for IC-Ion Chromatograph, and Incubator for Coliform testing . The cost split 50/50 between 300/600.	7,650.00	
		600.50.55.552.2.210	In case of failure, get the recirculation pump and other accessories to fix the aging Lab's dishwasher. The lab needs to replace the Purge and Trap Concentrator for GC/MS, Eluent Generator for IC-Ion Chromatograph, and Incubator for Coliform testing . The cost split 50/50 between 300/600.	7,650.00	
			In case of failure, get the recirculation pump and other accessories to fix the aging Lab's dishwasher. The lab needs to replace the refrigerator and buy new pH probe.		4,050.00
			Equipment Under $10,000 Total	**15,300.00**	**11,780.00**
250	General Supplies	300.50.55.552.2.250	General supplies for the Lab. The supply budget has been increased by 5%.		31,080.00
			General supplies for the Lab. The supply budget has been increased by 2%.	29,600.00	
		600.50.55.552.2.250	General supplies for potable water and recycled water sampling and analysis.	7,000.00	7,700.00
			General Supplies Total	**36,600.00**	**38,780.00**
320	Equipment Lease/Rental	300.50.55.552.3.320	Annual lease expenses for gas cylinders used for Anions, metals and organic ananlysis. The cost split 67/33 between 300/600.	933.00	933.00
		600.50.55.552.3.320	Annual lease expenses for gas cylinders used for Anions, metals and organic ananlysis. The cost split 67/33 between 300/600.	467.00	467.00
			Equipment Lease/Rental Total	**1,400.00**	**1,400.00**
325	Maintenance Contracts	300.50.55.552.3.325	Maintenance contracts for Autoclove, Dionex,LIMS, AA, and GC/MS. The cost split 50/50 between 300/600.	20,000.00	20,000.00
		600.50.55.552.3.325	Maintenance contracts for Autoclove, Dionex, Lims, AA, and GC/MS. The cost split 50/50 between 300/600.	20,000.00	20,000.00
			Maintenance Contracts Total	**40,000.00**	**40,000.00**
330	Monitoring & Testing Services	300.50.55.552.3.330	Outside Laboratory testing of plant and EC samples that the Lab is not certified for.	61,600.00	61,600.00
			Monitoring & Testing Services Total	**61,600.00**	**61,600.00**
340	Other Services	300.50.55.552.3.340	Lab haul off of hazardous waste (new allocation due to transfer responsibility to each division from HR).	3,750.00	3,750.00
			Other Services Total	**3,750.00**	**3,750.00**

360	Telecommunication Services	300.50.55.552.3.360	lab cell phone	250.00	250.00
		600.50.55.552.3.360	lab cell phone	250.00	250.00
			Telecommunication Services Total	**500.00**	**500.00**
400	Meetings	300.50.55.552.4.400	Recognition/Team building for Lab Staff.	150.00	150.00
			Local/Regional professional meetings for Lab staff.	500.00	500.00
		600.50.55.552.4.400	Recognition/Team building for Lab Staff.	100.00	100.00
			Local/Regional professional meetings for Lab staff.	250.00	250.00
			Meetings Total	**1,000.00**	**1,000.00**
410	Permits, Licenses & District Mbrshps	300.50.55.552.4.410	Lab certification-ELAP annual renewal. Split 50/50 with 600 and 300.	3,000.00	3,000.00
		600.50.55.552.4.410	Lab certification-ELAP annual renewal. Split 50/50 with 600 and 300.	3,000.00	3,000.00
			Permits, Licenses & District Mbrshps Total	**6,000.00**	**6,000.00**
420	Subscriptions & Publications	300.50.55.552.4.420	Purchasing books, references, study guides, etc. The standard methods of water and wastewater publications form EPA is available only online. To access it the licensed seats have to be purchased for the Lab staff. Publication costs split 67/33 between 300/600.	250.00	250.00
		600.50.55.552.4.420	Purchasing books, references, study guides, etc. The standard methods of water and wastewater publications form EPA is available only online. To access it the licensed seats have to be purchased for the Lab staff. Publication costs split 67/33 between 300/600.	250.00	250.00
			Subscriptions & Publications Total	**500.00**	**500.00**
			Division Total	**1,057,343.67**	**1,088,740.55**

Division: 70
Fiscal Year(s) Ending: 2016, 2017
Budget Level: 3-GM Review

Placeholders: Exclude
Budget Adjustments: Exclude

Division 70 Budget Detail

Account	Title	Account Number	Description	FYE 2016	FYE 2017
125	Medical	900.70.70.000.1.125	Medical	7,800.00	7,800.00
			Medical Total	**7,800.00**	**7,800.00**
180	Retiree Medical	965.70.70.000.1.180	Estimate from HR: Based on estimated 10% increase in premiums over FY16 effective January 2017. Retiree Medical premium rates are calendar year based.		668,833.00
			Estimate from HR: Based on estimated 10% increase in premiums over FY15 effective January 2016. Retiree Medical premium rates are calendar year based.	690,188.40	
			Retiree Medical Total	**690,188.40**	**668,833.00**
181	Retiree Dental	965.70.70.000.1.181	Estimate from HR: 7% increase in rates over FY15. Retiree Dental rates are calendar year based.	92,357.05	98,822.04
			Retiree Dental Total	**92,357.05**	**98,822.04**
210	Equipment Under $10,000	210.70.70.030.2.210	(PC) Technology Replacement Program	5,400.00	5,400.00
		310.70.70.030.2.210	(PC) Technology Replacement Program	25,650.00	25,650.00
		610.70.70.030.2.210	(PC) Technology Replacement Program	13,950.00	13,950.00
			Equipment Under $10,000 Total	**45,000.00**	**45,000.00**
230	Fuel	900.70.70.000.2.230	FUEL FOR DO VEHICLES (based on invoices through 1/10/15).		2,500.00
			FUEL FOR DO VEHICLES (based on invoices through 1/10/14).	2,500.00	
			Fuel Total	**2,500.00**	**2,500.00**
240	Gas & Electric	900.70.70.000.2.240	DO PG&E: based on actuals through FY 2015 + 5% growth over FY16		61,537.96
			DO PG&E: based on actuals through FY 2014 + 5% growth over FY15	58,607.58	
			Gas & Electric Total	**58,607.58**	**61,537.96**
250	General Supplies	900.70.70.000.2.250	DO Basic Beverage Service (based on PO #01006609)	2,000.00	2,000.00
			General Supplies Total	**2,000.00**	**2,000.00**
270	Office Supplies	900.70.70.000.2.270	Office Supplies	15,000.00	15,000.00
			Office Supplies Total	**15,000.00**	**15,000.00**

280	**Meter Equipment (FOD)**	610.70.70.000.2.280	Per J. Dryden, same as FY 15 budget	108,000.00	
			Per J. Dryden, same as FY 16 budget		108,000.00
			Proactive Meter Replacement Program. Per V. Goldman, 3,156 5/8" equivalents qualify. Costs spread over two fiscal years.	204,919.08	204,919.08
		620.70.70.000.2.280	DUE based on Eng DUE forecast 1/14/15. Meters based on 1" (SEN-2400) due to newer residential accounts require larger than 5/8" meters for fire protection purposes.	128,087.36	
			DUE based on Eng DUE forcast 01/14/15. Meters based on 1" (SEN-2400) due to newer residential accounts require larger than 5/8" meters for fire protection purposes.		136,514.16
			9.00% sales tax on meter equipment	11,527.86	
			9.00% sales tax on meter equiptment		12,286.27
			Meter Equipment (FOD) Total	**452,534.30**	**461,719.51**
281	**Meter Equipment (CS)**	610.70.70.000.2.281	Endpoints from AMI project still under warranty, but $1,000 budgeted for various accessories (quick connect plugs, cables, etc.)	1,000.00	1,000.00
			Meter Equipment (CS) Total	**1,000.00**	**1,000.00**

290	**Water Purchase**	600.70.70.000.2.290	Fixed Charge [5 meters @ $144 per meter per month] - Per Zone 7, 3.0% increase effective 1/1/15 and 1/1/16; based on 3/10/15 invoice	8,769.60	
			Fixed Charge [5 meters/month] - Per Zone 7, 3.0% increase effective 1/1/16; assumes 3.0% increase effective 1/1/17; based on 3/10/15 invoice		9,032.69
			Tier 1 (33 CCF/month) - Per Zone 7, 3.0% increase effective 1/1/15 and 1/1/16; based on 3/10/15 invoice	1,646.75	
			Tier 1 (33 CCF/month] - Per Zone 7, 3.0% increase effective 1/1/16; assumes 3.0% increase effective 1/1/17; based on 3/10/15 invoice		1,696.15
			Tier 2 (300 CCF/month) - Per Zone 7, 3.0% increase effective 1/1/15 and 1/1/16; based on 3/10/15 invoice	11,985.12	
			Tier 2 (300 CCF/month] - Per Zone 7, 3.0% increase effective 1/1/16; assumes 3.0% increase effective 1/1/17; based on 3/10/15 invoice		12,344.67
			Tier 3 (3,000 CCF/month) - Per Zone 7, 3.0% increase effective 1/1/15 and 1/1/16; based on 3/10/15 invoice	95,552.10	
			Tier 3 (3,000 CCF/month] - Per Zone 7, 3.0% increase effective 1/1/16; assumes 3.0% increase effective 1/1/17; based on 3/10/15 invoice		98,418.66
			Tier 4 - Per Zone 7, 3.0% increase effective 1/1/15 and 1/1/16; based on 3/10/15 invoice	10,439,659.08	
			Tier 4 - Per Zone 7, 3.0% increase effective 1/1/16; assumes 3.0% increase effective 1/1/17; based on 3/10/15 invoice		10,752,848.85
			Water Purchase Total	**10,557,612.65**	**10,874,341.02**
291	**Water Purchase-Pumping Credit**	600.70.70.000.2.291	Ground Water Pumping Credit (23,413.5 CCF/month)	(576,795.32)	(594,099.18)
			Water Purchase-Pumping Credit Total	**(576,795.32)**	**(594,099.18)**
300	**Insurance**	900.70.70.000.3.300	Property Insurance (Alliant). (CSRMA projected 5-15% rate increases due to insurance industry losses from Hurricane Sandy; 5% increase over FY16 budgeted)		46,586.14
			Property Insurance (Alliant). (CSRMA projected 5-15% rate increases due to insurance industry losses from Hurricane Sandy; 5% increase over FY14 Actual)	44,367.75	
			Liability (CSRMA): Per M. Gallardo, based on actual before retrospective credits ($207,923) + 5.0% increase over FY16 budgeted		252,731.71
			Liability (CSRMA): Per M. Gallardo, based on actual before retrospective credits ($207,923) + 5.0% increase over FY14 budgeted	240,696.86	
			Insurance Total	**285,064.61**	**299,317.85**

310	Legal Services	200.70.70.000.3.310	Same as FYE13 budget.	4,000.00	4,000.00
		210.70.70.000.3.310	Same as FYE13 budget.	800.00	800.00
		220.70.70.000.3.310	Same as FYE13 budget.	2,000.00	2,000.00
		300.70.70.000.3.310	Same as FYE13 budget.	20,000.00	20,000.00
		310.70.70.000.3.310	Same as FYE13 budget.	700.00	700.00
		320.70.70.000.3.310	Same as FYE13 budget.	5,100.00	5,100.00
		600.70.70.000.3.310	Same as FYE13 budget.	30,000.00	30,000.00
		610.70.70.000.3.310	Same as FYE13 budget.	1,000.00	1,000.00
		620.70.70.000.3.310	Same as FYE13 budget.	15,000.00	15,000.00
		900.70.70.000.3.310	Same as FYE13 budget.	80,000.00	80,000.00
			Legal Services Total	**158,600.00**	**158,600.00**
312	Professional Services	610.70.70.000.3.312	Urban Water Management Plan 5-Year Update	292,000.00	3,650.00
		620.70.70.000.3.312	Urban Water Management Plan 5-Year Update	108,000.00	1,350.00
		995.70.70.000.3.312	Engineer's report DVSAD - Same as FYE15 Budget	9,200.00	9,200.00
			Professional Services Total	**409,200.00**	**14,200.00**
320	Equipment Lease/Rental	600.70.70.000.3.320	Lease cost of CWR system built as Regional Expansion project	43,063.08	
		900.70.70.000.3.320	Per B. Treppa: DO Copier costs	32,000.00	32,000.00
			Equipment Lease/Rental Total	**75,063.08**	**32,000.00**
340	Other Services	300.70.70.000.3.340	Property Taxes - WWTP parcels	475.00	
		600.70.70.000.3.340	Property Taxes - Non-WWTP parcels	400.00	
		900.70.70.000.3.340	Facility Water Costs (based on FYE15 costs)	9,000.00	9,000.00
			Garbage (based on FYE16 costs + 5%)		4,070.40
			Garbage (based on FYE15 costs + 5%)	3,876.60	
			PO Box (based on FYE15 renewal)	266.00	266.00
			Shredding (based on FYE15 costs)	1,200.00	1,200.00
			Per S. Olson, Compost Service (may reduce garbage service in future years)	390.00	390.00
		995.70.70.000.3.340	Estimated Zone 7 charge for DVSAD (at limit) - engineer's report costs	1,520,956.30	1,520,956.30
			Other Services Total	**1,536,563.90**	**1,535,882.70**
410	Permits, Licenses & District Mbrshps	310.70.70.000.4.410	WWTP NPDES Permit (renewed every 5 years)	75,000.00	
			Permits, Licenses & District Mbrshps Total	**75,000.00**	

426	Low Income Credit (UB)	605.70.70.000.4.426	Based on FYE15 + growth	20,000.00	20,000.00
			Low Income Credit (UB) Total	**20,000.00**	**20,000.00**
450	Debt Payments	320.70.70.020.4.450	Regional Bank Bond	2,300,288.55	2,300,288.54
		620.70.70.020.4.450	2011 Water Revene Refunding Bonds	2,212,868.75	2,211,468.75
			Debt Payments Total	**4,513,157.30**	**4,511,757.29**
470	Contribution To JPA's	300.70.70.000.4.470	Variable O&M (per LAVWMA GM FYE16 Budget)	793,000.00	793,000.00
			Fixed O&M (per LAVWMA GM FYE16 Budget)	1,084,009.00	1,084,009.00
			Replacement Funding (per LAVWMA GM FYE16 Budget)	279,600.00	279,600.00
		300.70.70.020.4.470	2011 Sewer Revenue Refunding Bonds (Repair portion/Pleasanton Share)	894,742.17	894,993.76
			2011 Sewer Revenue Refunding Bonds (Repair portion/DSRSD Share)	568,871.76	569,031.72
		320.70.70.000.4.470	EBDA Capacity Payment (per LAVWMA GM FYE16 Budget)	337,098.00	337,098.00
		320.70.70.020.4.470	2011 Sewer Revenue Refunding Bonds (Expansion Portion/Pleasanton Share)	1,767,809.74	1,768,306.83
			2011 Sewer Revenue Refunding Bonds (Expansion portion/DSRSD Share)	2,543,487.04	2,544,202.24
		600.70.70.000.4.470	Program Management - DERWA	71,668.00	71,668.00
			Public Information - DERWA	14,088.00	14,088.00
			Treasury - DERWA	33,060.00	33,060.00
			Legal - DERWA	2,280.00	2,280.00
			Secretary - DERWA	7,790.00	7,790.00
			Insurance - DERWA	87,400.00	87,400.00
			O&M ($1,648,560 * 76.1%): Based on Proposed FYE14 DERWA Budget (4/22/13)	1,252,906.00	1,252,906.00
		620.70.70.020.4.470	DERWA State Loans: Based on Proposed FYE14 DERWA Budget (4/22/13)	845,794.00	845,794.00
			Contribution To JPA's Total	**10,583,603.71**	**10,585,227.55**
			Division Total	**29,004,057.26**	**28,801,439.74**

Dublin San Ramon Services District

Operating Budgets

Fiscal Years Ending (FYE) 2016-2017

May 5, 2015

Budget Process Overview

- Finance
  - Revenue and growth assumptions
  - Financial outlook
  - Policy compliance
  - Debt coverage ratio compliance

- Final management review in process

Budget Process Overview

- Next Steps
  - Board of Directors preliminary review – Tonight
  - Input desired to allow budgets to be finalized
  - Public Hearing and Board of Directors Formal Consideration – June 2, 2015

Key Assumptions

- Revenue
- Personnel Costs
- Capital Spending
- Strategic Items
- Notable New Expenses

Operating Revenue

	FYE 2016		FYE 2017	
Enterprise	Adjustment Date	Adjustment %	Adjustment Date	Adjustment %
Water- DSRSD	1/1/16	2.5%	1/1/17	2.5%
Water- Zone -7	1/1/16	3.0%	1/1/17	-
NOTE: Water revenue at baseline consumption and base rates				
Local Sewer	7/1/15	2.53%	7/1/16	2.5%
Regional Sewer	7/1/15	2.53%	7/1/16	2.5%

Capacity Reserve Fee Revenue

- Capacity Reserve fees increase 2.0% CCI for each fiscal year
- Growth from new accounts projected for Fixed charges and Capacity Fees

Budgeted New Accounts (DUEs)

	Projected	Estimated	Estimated
Fund	2015	2016	2017
Local Sewer	682	313	559
Regional Sewer	932	497	844
Water	631	608	648

Personnel Costs

- Annual Salary increase, assumed CPI of 2.5% on 1/1/16 and 2.5% on 1/1/17
- Major increases in benefits.

Description	Company	2015 Actual	2016 Estimate	2017 Estimate
Percentage of budgeted salary				
Retirement **	CalPers	13.13%	15.67%	16.31%
Retirement	CalPers(PEPRA)	6.25%	6.25%	6.25%
Retirement/OPEB	CERBT	6.43%	6.43%	6.43%
Percentage increase over prior year premiums				
Medical-Calpers	HMO	2.95%	10.00%	10.00%
Medical-Calpers	PPO	2.95%	10.00%	10.00%

** If unfunded liability paid off this will decrease

Budgeted FYE16-17 Positions

- Total budgeted positions:
  - Approved 2015 – 113 FTE*
  - Budgeted 2016 – 113 FTE**
  - Budgeted 2017 – 113 FTE**
    - * includes 4 Senior Managers
    - ** includes 3 Senior Managers and one new field operation employee

Capital Spending

- Capital Outlay (>$10,000)
  - FYE 2016: Thirteen items – $573,000
  - FYE 2017: Nine items – $322,900
  - In line with FYE 2014 and FYE 2015

- 10 Year CIP (tonight, engineering)

Items Identified on March 17

- **Education Programs** – See Strategic work plan 3.03.01; $7,500 included in the Public Information division budget
- ***Televise Board of Directors Meeting*** – See Strategic work plan 3.03.04; $100,000 included the CIP (T16-63)
- ***Water Quality*** – Efforts deferred until after the drought
- ***Water Reliability*** – See Strategic work plan 2.01.02; 2.01.03; and 2.04.01; $250,000 in FYE 2016 and 2017 included in the CIP (T16-43)

Items Identified on March 17

- ***Biosolids*** – See Strategic work plan 2.06.01 and 2.06.05; $50,000 included in FYE 2016 and 2017 CIP07-3201
- ***PERS Liability*** – See Strategic work plan 1.02.02; $5,000,000 annual payments are included in proposed budget as part of three year plan to fully fund the liability
- ***Technology for Board Members*** – Consensus members to bring own devices
- ***Indirect Potable Reuse*** – See Strategic work plan 2.01.06; $100,000 in FYE 2016 and $200,000 in FYE 2017 included in the CIP (T16-66)

Strategic Items

- $5,000,000 Annual PERS liability reduction
- $1,500,000 Additional replacement funding for recycled water system
  - *Further details in staff report*
- **TIC Repayment** No repayment budgeted. Per adopted Board Policy to be reviewed 6/16/15
  - Currently $4.17 Mil to be “repaid” (Water Expansion to Water Replacement)

Notable Operating Expenses

- $400,000 Urban Water Management Plan 5-Year Update ($5,000 in FYE17)
- $225,000 CCTV Sewer Data Collection
- $100,000 Water System Condition Assessments
- $125,000 Physical Records Management Inventory ($150,000 in FYE17)
- $204,900 Proactive Meter Replacement Program

  - *Further details in division detail*

Budget Impact – Overview

	FYE15 Budget	FYE15 Projection	FYE16 Budget	% Increase over FYE15 Projection	FYE17 Budget	% Increase over FYE16 Budget
Operating Revenues						
Service Charges	45,514,526	44,714,526	47,658,510	*6.58%*	50,262,676	*5.46%*
Capacity Reserve Fees	21,262,833	21,262,833	15,963,939	*-24.92%*	22,249,059	*39.37%*
Other Revenue	5,632,414	5,632,414	5,967,346	*5.95%*	5,944,124	*-0.39%*
Operating Expenses						
Personnel Costs	20,548,611	18,548,611	19,984,391	*7.74%*	20,709,683	*3.63%*
Water, Chemicals, Utilities & Materials	12,874,914	11,574,914	13,641,430	*17.85%*	14,093,369	*3.31%*
Contracts	5,215,824	5,215,824	6,007,182	*15.17%*	5,548,269	*-7.64%*
JPA O&M	4,081,531	4,081,531	3,962,899	*-2.91%*	3,962,899	*0.00%*
Debt	11,147,351	11,147,351	11,133,862	*-0.12%*	11,134,086	*0.00%*
Capital Outlay	1,182,659	1,178,500	573,000	*-51.38%*	322,900	*-43.65%*
Total O&M	**55,050,890**	**51,746,731**	**55,302,764**	**6.87%**	**55,771,206**	**0.85%**
Replacement Allocations	5,362,461	5,362,461	6,862,461	*27.97%*	6,862,461	*0.00%*

Debt Coverage Ratio Compliance

Coverage	FYE 2016		FYE 2017	
	Regional	Water	Regional	Water
Indenture Requirement	1.1	1.2	1.1	1.2
Policy Requirement	1.6	1.6	1.6	1.6
Budget Projected	2.23	6.00	3.19	6.92
Requirement Compliance				
-Indenture Required	Yes	Yes	Yes	Yes
-Policy Required	Yes	Yes	Yes	Yes

Reserve Policy Compliance

Fund	FYE 2016			FYE 2017		
	Above Min.	Within Band	Above Target	Above Min.	Within Band	Above Target
Local Wastewater						
Enterprise	O	O	O	O	O	O
Rate Stabilization	O	O	X	O	O	X
Replacement	O			O		
Expansion	O			O		
Regional Wastewater						
Enterprise	O	O	X	O	O	X
Rate Stabilization	O	O	O	O	O	X
Replacement	O			O		
Expansion	O			O		
Water						
Enterprise	O	O	O	O	O	O
Rate Stabilization	O	O	O	O	O	O
Replacement	O			O		
Expansion	O			X		

O Yes X No

Budget Details

- Operating expense details are included as an Attachment to the staff report.

- *A special Thank You to all staff that helped work on this budget especially my own staff :*
  - *Herman Chen*
  - *Karen Vaden*
  - *Natalie Russo*

Next Steps

- Staff seeks Board direction
- Final Budget package submitted for approval on June 2, 2015

Dublin San Ramon Services District
Summary & Recommendation

Agenda Item 9E

Reference	Type of Action	Board Meeting of
Engineering Services Manager	Receive Presentation & Provide Direction	May 5, 2015

Subject
Review of Draft CIP 10-Year Plan for FYEs 2016 through 2025 and 2-Year CIP Budget for FYEs 2016 and 2017

☐ Motion	☐ Minute Order	☐ Resolution	☐ Ordinance	☒ Informational	☐ Other
REPORT:	☐ Verbal	☒ Presentation	☒ Staff	D. McIntyre	☐ Board Member

Recommendation:

The Engineering Services Manager recommends the Board: a) receive a presentation on the draft 10-Year Capital Improvement Plan for Fiscal Years Ending (FYE) 2016 through 2025 and the draft 2-Year Capital Improvement Budget for FYE 2016 and 2017, and b) by Consensus, provide staff direction on any changes desired to the draft Plan and Budget.

Summary:

The Board will receive a presentation of the draft 10-Year Capital Improvement Plan for FYEs ending 2016 through 2025. The Plan identifies, prioritizes, and schedules capital projects for the ten-year period and establishes a plan for providing the financial resources needed to complete capital projects. The first two years of expenditures in the Capital Improvement Plan comprise the District's Fiscal Year Ending (FYE) 2016 and 2017 2-Year Capital Improvement Budget.

Board recommended revisions to the draft Plan and Budget will be incorporated into a Final Plan and Budget for Board adoption at the June 2, 2015 Board meeting.

Committee Review			Legal Review	Staff Review		
COMMITTEE	DATE	RECOMMENDATION		ORIGINATOR	DEPARTMENT	REVIEWED BY
---	---	---	Not Required	J. Zavadil	Eng Services	

ATTACHMENTS ☐ *None*

☐ Resolution	☐ Minute Order	☐ Task Order	☒ Staff Report	☐ Ordinance

☒ Cost $0	☐ Funding Source A. B.	Attachments to S&R 1. Draft Capital Improvement Plan FYEs 2016 - 2025 2. 3.

STAFF REPORT

Board Meeting

May 5, 2015

Capital Improvement Program 10-Year Plan and 2-Year Budget

Recommendation

Staff recommends the Board review the 10-Year Capital Improvement Plan for Fiscal Years Ending (FYE) 2016 through 2025 and review the 2-Year Capital Improvement Budget for FYE 2016 and 2017.

Overview

The Capital Improvement Program (CIP) is integral to the achievement of the District's Mission and implementation of the Strategic Plan. Many of the Strategic Plan goals required to carry the mission are accomplished through the CIP.

The District's Capital Improvement Program (CIP) defines the projects to:

- Protect human health and the environment
- Maintain and rehabilitate existing assets
- Respond to regulatory requirements
- Accommodate planned future growth

The Capital Improvement Program consists of the 10-Year Capital Improvement Plan and the 2-Year Capital Improvement Budget. The Capital Improvement Plan guides long-range policy and is also used to:

- Identify, prioritize, and schedule capital projects for the ten-year period.
- Establish a plan for generating the financial resources needed to complete these capital projects.

The first two years of expenditures in the Capital Improvement Plan comprise the District's 2-Year Capital Improvement Budget for FYE 2016 and 2017. By adopting the Capital Improvement Budget, the Board;

- Authorizes total budgets for the individual capital projects
- Authorizes the initiation of project expenditures in either fiscal year 2016 or 2017
- Establishes the maximum expenditures from each fund for fiscal years 2016 and 2017

Enhancements to the Capital Improvement Program

Staff has implemented several changes in the development of the Capital Improvement Program. The most evident change is the merging of the 10-Year Plan and the 2-Year Budget into one document. Staff noted there was a significant amount of duplicative information between the Plan and the Budget and that the Budget provided more detail than was required and therefore merged the key information into one combined 10-Year Plan and 2-Year Budget.

Another significant change is the elimination of the "fund limit" for budgetary control. In the past, CIP projects were based on project priority and available funding. However, not all projects in the budget could be completed as there was limited staff to manage the projects. Acknowledging that not all projects may be completed and the budget in each fund may not be spent, a "fund limit" was established for each fund. This fund limit was a maximum expenditure limit in each fund, but lower than the total budget, and was approved along with each budget. The fund limit was then used in the District's Operating Budget.

This year staff more closely balanced project requests with planned project delivery. Staff reviewed and prioritized the requested projects and assigned the available staff to manage the projects. Lower priority projects without sufficient staff resources were then shifted beyond the two-year budget to later years in the 10-Year Plan. Should conditions change over the next two years requiring the addition of a project to the CIP budget, staff will bring the project before the Board for approval at that time.

In the past, the CIP included programs which enabled the District to budget funds anticipated to undertake CIP projects within a program area that may not become known or defined during the development of the budget. In the proposed CIP, the programs were changed to allowances and were used for each of the Replacement Funds. For example, the Wastewater Collection System Replacement and Rehabilitation Allowance has annual funds to support repair or replacement of leaking sewer pipelines and manholes as projects are identified throughout the two year budget period. The limitations on the use of the funds for an allowance are the same as set forth for the programs. The Budget Accountability policy will be revised for the new nomenclature.

Finally, to make the CIP Plan and Budget more user friendly, the proposed CIP projects sheets are now organized into five asset categories rather than by fund. There categories are:

- Study/Master Plan
- General
- Water System
- Wastewater Collection
- Resource Recovery Facilities

Strategic Plan and CIP Nexus

Development, approval, and implementation of the 10-Year Capital Improvement Plan and the 2-Year Capital Improvement Budget accomplishes a number of goals and work plan objectives from the 5-Year Strategic Plan by providing planned funding for key initiatives. The table in Table A lists Strategic Plan Tasks and corresponding CIP projects to forward those tasks.

Overview of Capital Expenditures

The 10-Year Plan for FYEs 2016 through 2025 includes 117 projects/allowances totaling $135 million. The 2-Year Budget includes 54 projects totaling $43 million. The capital project expenditures by fund are shown in Table 1. All expenditures are provided in current dollars.

Table 1. Capital Project Expenditures by Fund

Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	10 Year Total
210	1,673	1,702	2,085	2,484	1,537	2,480	270	230	452	230	**13,142**
220	377	390	-	-	-	-	-	-	-	-	**767**
310	3,031	3,235	4,475	3,833	2,436	1,274	1,432	4,512	900	8,556	**33,684**
320	1,306	5,850	4,002	1,709	1,170	491	3,584	2,219	1,600	5,234	**27,164**
610	10,029	3,079	3,776	1,134	2,839	2,010	385	225	2,593	968	**27,038**
620	5,458	7,258	3,784	1,179	4,022	4,151	-	-	-	7,359	**33,210**
Total	**21,875**	**21,513**	**18,123**	**10,338**	**12,003**	**10,406**	**5,671**	**7,185**	**5,544**	**22,347**	**135,006**

The large expenditures in FYE16 are in part a result of projects delayed in FYE15 because of temporary reduced staffing and staffing resources reallocated to manage the Drought program. In some cases, such as the Water and Recycled Water SCADA project system and the West Dublin Recycled Water Extension project, design was completed in FYE15 and construction is pending. Those two pending projects alone, combined with the anticipated purchase of a site and industrial building for the Field Operations Division corporation yard, account for an estimated $13.4 million in FYE16.

In FYE17 and FYE18, there are a few major projects that account for a considerable portion of the spending. Expansion of the DERWA Treatment Facility and Pump Station and development of a DERWA supplemental supply account for $7.6 million of the spending. Two other large projects at the WWTP, a fourth digester and a fifth clarifier account for another $12.8 million.

After the significant expenditures in the first three years, the 10-Year Plan begins to show moderating levels of capital projects. The reduced level of capital expenditures in FYE22, FYE23, and FYE24 arise for a single primary reason: there are no water expansion projects proposed in those years to serve new

development, whereas throughout the rest of the 10-Year Plan, water expansion projects average over $4.5 million per year.

The increase in FYE25 expenditures is driven by two trends: the need for ramping up on Regional Wastewater Plant renewal and replacement expenditures to meet anticipated regulatory requirements, and the resumption of water expansion projects to serve future users.

Proposed Reserve Policy

The District's Financial Reserves policy designates financial reserves in order to protect the District's investment in various assets, satisfy its commitments under its numerous financial, regulatory and contractual obligations and to stabilize long-term rates for its customers. Staff is proposing a revision to the reserves policy which will be presented to the Board under a separate item.

In summary, the proposed reserve policy recommends the capital replacement funds (210, 310, 610) minimum fund balance equal 2X the average annual expenditures in the fund based on the next 15 years of known capital replacement and long-term Asset Management costs. This sets up a program where as long-term Asset Management costs begin to materialize, the capital replacement reserve will automatically increase to meet the demand.

For the expansion funds (220, 320, 620), the proposed minimum reserve is equal to the greater of: a) the next two years' planned expansion projects, or b) twice the annual debt service limit for purposes of satisfying bond holder obligations. This sets up an automatic program when there is more development triggering more expansion projects, there is more funding reserved to meet the demand. However, if there is a sudden drop-off of development activity in an economic recession, there will be sufficient funding to complete projects in progress.

Working Capital

To assure the District has sufficient working capital and maintains the required minimum reserves, the revenue and expenditures in each of the funds are estimated and the anticipated working capital over the CIP Plan timeframe is calculated. If the working capital falls below the minimum reserves, staff will either reevaluate whether the additional revenue is required in the fund or will shift the proposed projects schedule to assure the minimum reserve is maintained. A graphic of each fund's 10-year cash flow and working capital is provided in the draft CIP Plan and Budget. The working capital in each of the funds remains above the proposed minimum reserves with the exception of a slight dip below the minimum in the Wastewater Collection Replacement fund in FY21 and in the Water Replacement fund in FY16 and FY17. However, both funds recover and the working capital consistently increases in the following years.

Long Term Capital Improvement Trends

Renewal and replacement needs identified by the Asset Management Program are reflected in individual capital projects. The Capital Improvement Plan also reflects estimated long-term Asset Management Program expenditures.

Given that many of the District's wastewater and water pipelines were installed in the 1960s, the Asset Management program indicates an increase in the spending beyond the Plan's 10-year horizon. To account for this anticipated increase, the estimated replacement costs for the five years beyond the Plan horizon is included as future spending in the Local Wastewater and Water Replacement and Rehabilitation Allowances to create a 15 year expected average replacement expenditure estimate.

This 15 year average is used to derive the base value for calculating minimum capital replacement fund levels. Thus, the Capital Improvement Plan reflects not only intermediate term specific capital projects, but also longer-term estimates of asset replacement needs.

The Asset Management Program identifies significant surges in replacement needs for the local sewer system and the water system after FYE25. In addition, there are incompletely understood Regional Wastewater Plant replacement needs after FYE25, which will be more fully studied as part of the current Wastewater Treatment Plant Master Plan. The information from the Wastewater Treatment Master Plan will be added to the District's Asset Management Program, and will guide development of future replacement capital projects, and long-term asset management program estimates. A graph showing the surge of replacement costs for the local sewer system are shown in Figure 1 below. A graph showing the surge of replacement costs for the water system are shown in Figure 2 below.

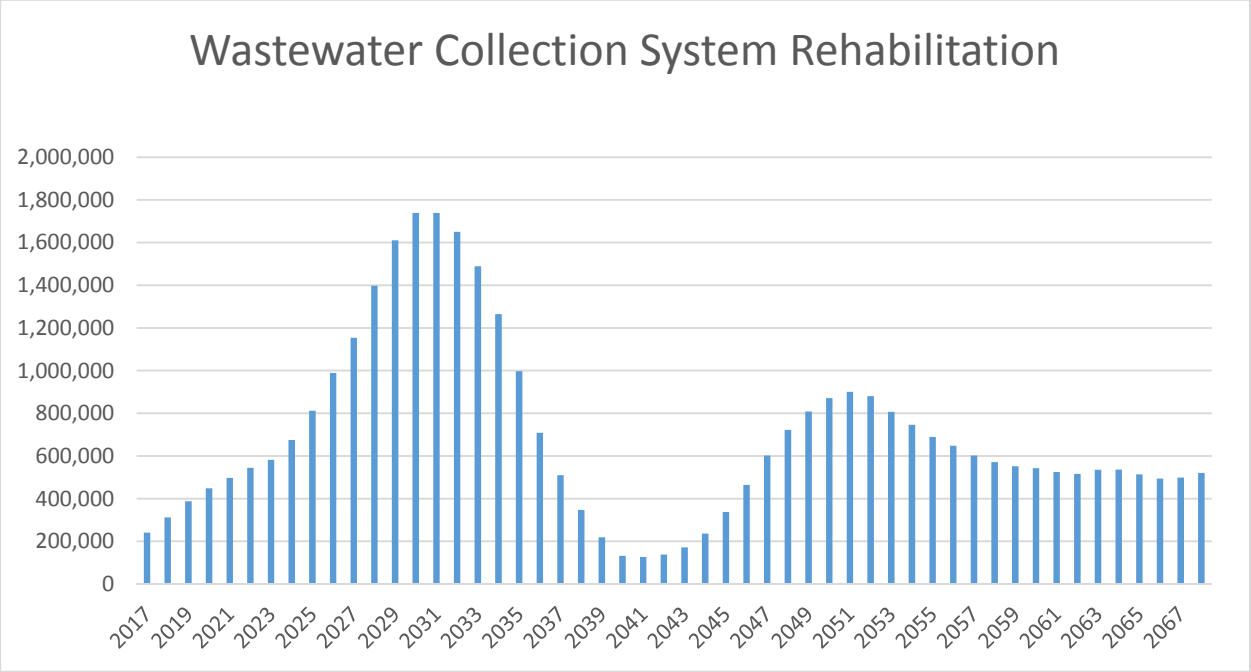


Figure 1 – Wastewater Collection Long-term Replacement Costs

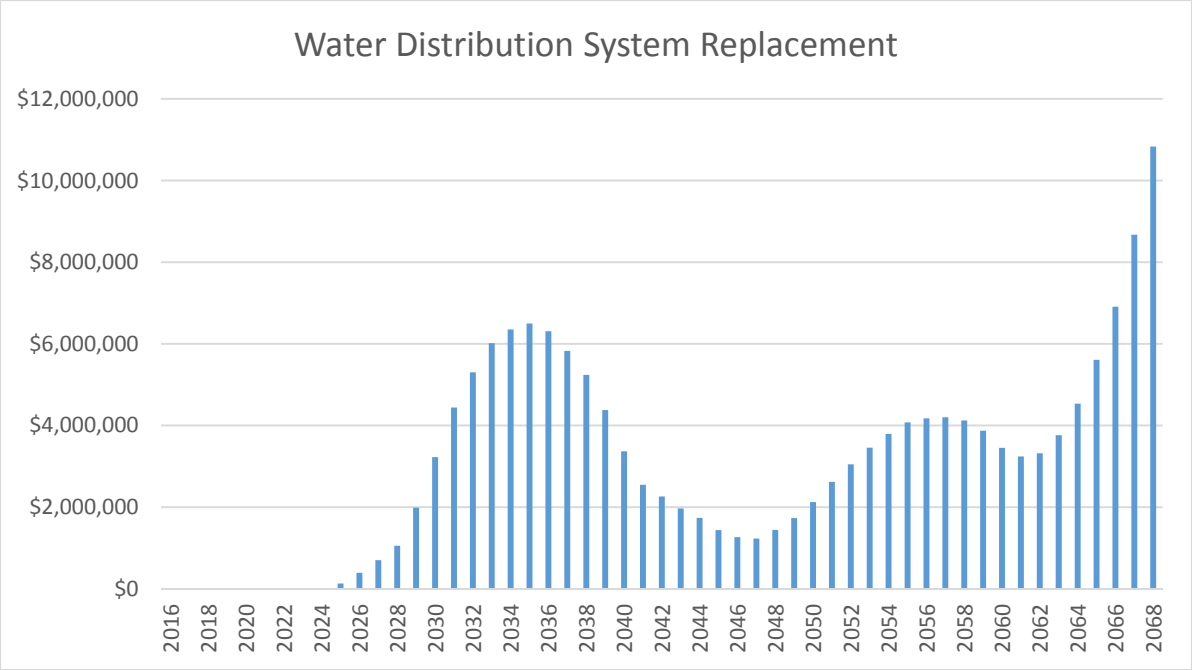


Figure 2 – Water Long-term Replacement Costs

Concurrently with the escalation of local sewer, water, and regional sewer replacement costs after FYE25, there is expected to be a significant decline in revenues to the various replacement funds arising from reduced transfers from the capacity reserve component of the expansion funds. At this point, development in Dublin will be approaching build out and connection fees will diminish. This creates a conundrum where infrastructure begins to accelerate its depreciation at almost the same time that a major revenue source begins a significant decline.

Fortunately, the new policy under consideration of setting capital replacement reserve fees at twice the 15 year average of planned capital projects plus known asset management replacement needs will help to mitigate the problem of increasing costs and decreasing capacity reserve revenue. The average annual replacement cost will increase, leading to an increase in replacement reserve requirements, which will gradually signal the need for additional capital funding. Within each two year budget period, the District can assess the need for growth in utility rates to make up the difference. Thus, the District will be able to capitalize on its growing Asset Management Program to plan a sensible long-term ramp-up of rehabilitation and replacement funding through user fees.

Table A. Strategic Plan and CIP Nexus

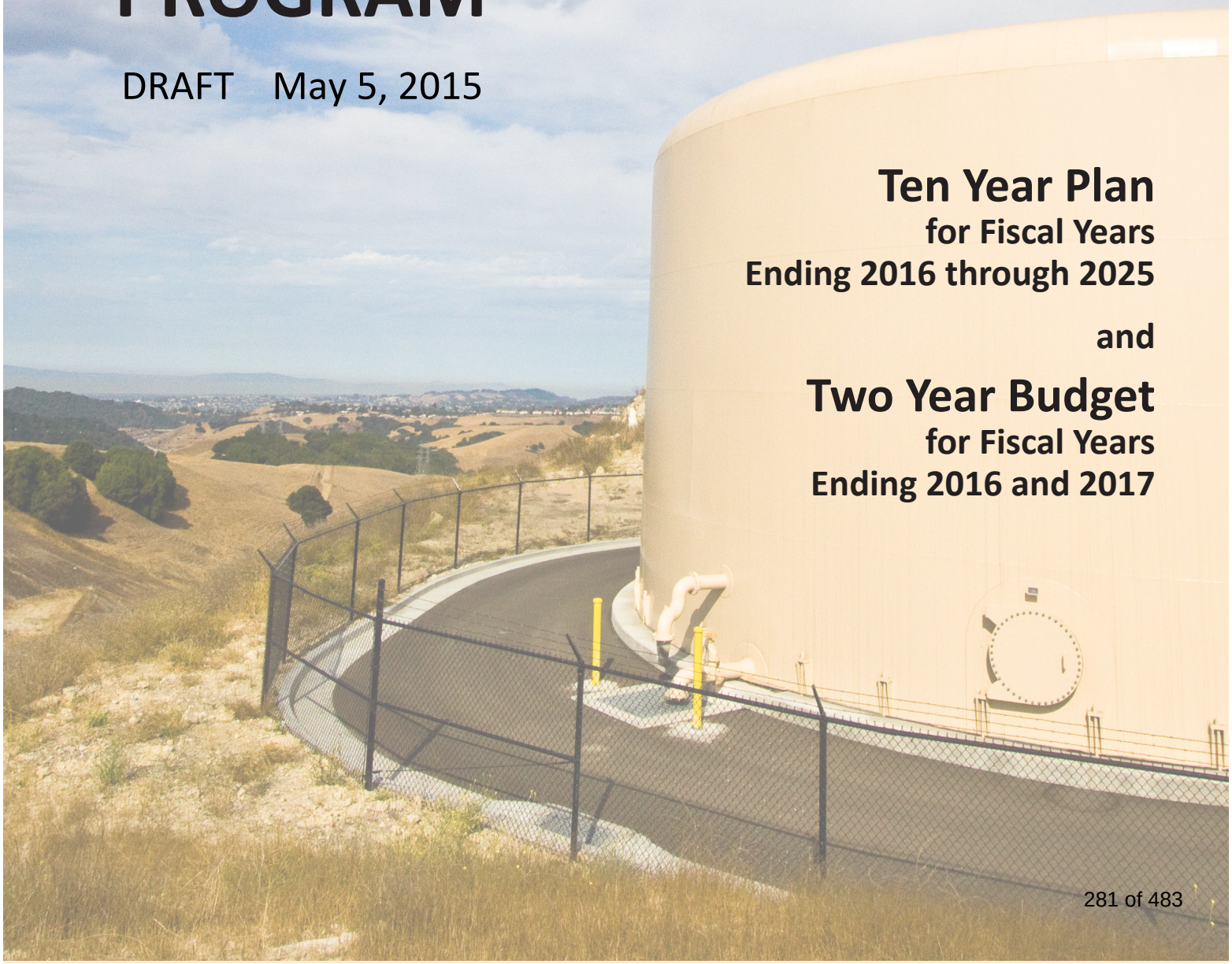
Strategic Plan Task	CIP Project
Task 1.01.06 – Prepare a 10-Year Capital Plan.	Current 10-Year Plan
Task 1.05.01 – Update the Water Capacity Reserve Fee Study in conjunction with the updated Water Master Plan.	Water System Master Plan and Capacity Reserve Fee Study (14-W007)
Task 2.01.01 – Develop creative approaches to stretch the existing recycled water system in ways that are financially sound as the use of seasonal storage , use of fringe water, and other alternatives, and reflect the concepts in the 10-Year CIP	DERWA Supplemental Supply (T16-45)
Task 2.01.06 – Develop an Indirect potable Reuse project concept in partnership with one or more Tri-Valley partners.	Water Reuse Demonstration (T16-66)
Task 2.02.03 – Implement a pilot project for recycled water for residential front yards.	Water Supply Reliability (T16-43)
Task 2.02.04 – Develop incentives for new and existing structural conservation programs.	Water Supply Reliability (T16-43)
Task 2.03.02 – Expand DERWA's recycled water plant beyond the sixth sand filter to serve Pleasanton and to expand water delivery within the DSRSD boundary.	DERWA Recycled Water Plant (T00-25) DERWA Pump Station 1 (T00-26)
Goal Statement 2.04 – Define and implement essential projects in a timely manner to meet community service expectations.	Current 10-year Plan
Task 2.04.01 – Integrate projects recommended in the Board Approved Long Term Alternate Water Supply Study into the Capital Improvement Program and Budget.	Water Supply Reliability (T16-43)
Task 2.04.02 – Complete the Water and Recycled Water Master Plan and corresponding Connection Fee Study Update.	Water System Master Plan and Capacity Reserve Fee Study (14-W007)
Task 2.04.03 - Complete the Wastewater Treatment Plant and Biosolids Facility Master Plan, and reflect recommended projects in the Capital Improvement Plan and Budget.	WWTP and Biosolids Facility Master Plan (14-P004)
Task 2.04.04 – Complete potable water and recycled water SCADA improvements.	Water and Recycled Water SCADA Improvements (09-6101)
Task 2.04.05 – Secure, procure, or construct a permanent home for the Field Operations Corporation Yard.	Corporation Yard and Administrative Facilities (T16-70)
Task 2.04.07 – Maintain Odor Control Facilities to meet design criteria for performance.	Foul Air Line Rehabilitation (14-P018) WWTP Odor Reduction Tower Replacement (T16-54)
Task 2.05-05 – Complete an assessment of the Regional Sewer Facility Replacement needs as part of the Wastewater Treatment Master Plan, and begin developing a database to track all maintenance and rehabilitative work on plant assets.	WWTP and Biosolids Facility Master Plan (14-P004)

Task 2.06.01 – Incorporate projects recommended in the Wastewater Treatment Plant and Biosolids Master Plan into the FYE 2017 and beyond Capital Improvement Program and Budget.	WWTP and Biosolids Facility Master Plan (14-P004)
Task 2.06.05 – Complete the Bay Area Biosolids to Energy (BAB2E) Feasibility Study, with objective of having DSRSD serve as one of the "pilot project" sites.	DSRSD Participation in Regional Biosolids Facility (07-3201)
Task 2.07.03 – Using assigned nutrient removal limits and the compliance schedule, select the projects necessary to achieve the required degree of nutrient removal within the time allowed and include the design and construction of the projects in the FYE2020 Capital Improvement Plan and Budget.	WWTP and Biosolids Facility Master Plan (14-P004) Nutrient Removal (T16-42)
Task 2.08.02 – Update risk/vulnerability assessment of District potable water facilities and identify remaining needs.	Emergency Response (T16-45)
Task 2.08.03 – Complete remaining security improvements to the District potable water facilities.	District Facilities Security Project (T10-71) Water and Recycled Water SCADA Improvements (09-6101). This project will partially complete this Task.
Task 3.03.04 – Evaluate the cost of expanding/improving the broadcast of live Board meetings. Key Projects to Meet Strategic Plan Goals.	Board Meeting Audio/Video Improvements (T16-63)
Task 3.05.01 – Implement a streamlined and enhanced records management program with an appropriate electronic content management system, email retention program, contract management system, and records administration.	Trustworthy Electronic Content Management System (15-A006)

Dublin San Ramon Services District
Water, wastewater, recycled water

CAPITAL IMPROVEMENT PROGRAM

DRAFT May 5, 2015



Ten Year Plan
for Fiscal Years Ending 2016 through 2025

and

Two Year Budget
for Fiscal Years Ending 2016 and 2017

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Dublin San Ramon Services District

Water, wastewater, recycled water

Capital Improvement Program

10 Year Plan

For Fiscal Years Ending 2016 through 2025

&

2 Year Budget

For Fiscal Years Ending 2016 and 2017

Accepted by the Board of Directors on _____ 2015

Board of Directors
Edward R. Duarte, President
D.L. (Pat) Howard, Vice President
Georgean M. Vonheeder-Leopold, Director
Richard M. Halket, Director
Dawn L. Benson, Director

General Manager
Bert L. Michalczyk, P.E.

Engineering Services Manager/District Engineer
Dan McIntyre, P.E.

Administrative Services Manager
John Archer

Operations Manager
Dan Gallagher, P.E.

Capital Program Manager
Judy Zavadil, P.E.

Document Coordination
Gemma Lathi – *Administrative Analyst II*

Technical Assistance
Ken Peterson – *GIS Specialist II*
Herman Chen – *Financial Analyst*
Garry Lee – *Asset Management Supervisor, P.E.*
Rhodora Biagtan – *Planning/Permitting Supervisor, P.E.*

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DISTRICT MISSION

The Mission of the Dublin San Ramon Services District ("District" or "DSRSD") is *"to provide reliable and sustainable water and wastewater services to the communities we serve in a safe, efficient and environmentally responsible manner."*

DSRSD provides potable water, recycled water, and wastewater services for portions of the Livermore-Amador Valley and San Ramon Valley in the Counties of Alameda and Contra Costa. Specifically, the District provides:

- Water and recycled water distribution within the City of Dublin and to the Dougherty Valley portion of the City of San Ramon;
- Wastewater collection, treatment and disposal for the City of Dublin and the southern portion of City of San Ramon in the I-680 corridor;
- Wholesale recycled water treatment for Dublin San Ramon Services District – East Bay Municipal Utility District Recycled Water Authority (DERWA) and the City of Pleasanton
- Wastewater treatment and disposal, through contract, to the City of Pleasanton;
- Contract operation of Livermore Amador Valley Water Management Authority (LAVWMA) facilities.

CAPITAL IMPROVEMENT PROGRAM OVERVIEW

The Capital Improvement Program (CIP) is integral to the achievement of the District's Mission and implementation of the Strategic Plan. Many of the Strategic Plan goals required to carry the mission are accomplished through the CIP.

The District's Capital Improvement Program (CIP) defines the projects to

- Protect human health and the environment
- Maintain and rehabilitate existing assets
- Respond to regulatory requirements
- Accommodate planned future growth

The Capital Improvement Program consists of the Ten-year Capital Improvement Plan and the Two-Year Capital Improvement Budget. The Capital Improvement Plan guides long-range policy and is also used to:

- Identify, prioritize, and schedule capital projects for the ten-year period.
- Establish a plan for generating the financial resources needed to complete these capital projects.

The first two years of expenditures in the Capital Improvement Plan comprise the District's Fiscal Year (FY) 2016 and 2017 Two-Year Capital Improvement Budget. By adopting the Capital Improvement Budget, the Board;

- Authorizes the initiation of project expenditures in either fiscal year 2016 or 2017
- Authorizes total budgets for the individual capital projects
- Establishes the maximum expenditures from each fund for fiscal years 2016 and 2017

Capital Expenditures

The District defines a capital asset as a real or personal property that has a unit acquisition cost equal to or greater than $10,000 and an estimated life greater than three years. Most assets only achieve their useful life as the result of periodic maintenance or repairs. Normal routine maintenance and repairs, including the purchase of replacement parts, is funded through the Operating Budget.

As defined in the District's Budget Accountability Policy (P400-11-2) capital assets are acquired by the District through two budgeting processes: the Capital Outlay portion of the Operating Budget and the Capital Improvement Budget.

A *capital outlay* is typically for the purchase, or purchase and installation of, a single asset, either new or replacement. Examples of a capital outlay are as follows:

- Purchase of vehicles
- Replacement of a pump
- Replacing heating and air conditioning systems

The following are budgeted and acquired by the identification, approval, and execution of a specific capital improvement project:

- All assets acquired that are considered Public Works, in accordance with the California Labor Code Sections 1720-1720.6 and the California Code of Regulations Title 8 Sections 16000 and 16001
- All "major infrastructure" capital assets, as defined in the District's Infrastructure Responsibility and Funding Policy (P600-10-1)
- Studies that lead to the acquisition or improvement of a capital asset and the acquisition or improvement of any other capital asset that meet such criteria

A CIP project defines the specific capital asset, cost and acquisition schedule. The CIP budget and plan also sets aside money for a specific classes of assets in an annual allowance with no schedule or specific project definition. The CIP allowance enables the District to budget funds anticipated to undertake CIP projects that may not become known or defined from the outset. For example, the Wastewater Collection System Replacement and Rehabilitation Allowance (CIP T16-59) has annual funds to support repair or replacement of leaking sewer pipelines and manholes as projects are identified.

A CIP project is capitalized in the District's accounting system and is defined as follows:

- Non-recurring nature;
- Has a minimum cost of $15,000;
- Has a useful life of at least three years;
- Extends the useful life by at least three years; and
- Requires project management.

Examples of capitalized projects:	**Non-capitalized projects include recurring, normal and routine maintenance projects, examples of which include, but are not limited to:**
- New, expanded, renovated or modified facilities - Repair or replacement of facilities - Relocation of facilities - Repaving of facility access roads - Installation of a new roof - Repainting of reservoirs and major equipment - Major water meter replacement project - Rehabilitation or replacement of existing facilities, which is not routine maintenance - Engineering studies and services that lead to, or are directly related to, capitalized facilities such as master plans and the CIP	- Repair of potholes - Fixing fencing - Spot patching of roof - Touch-up painting - Annual equipment maintenance - Annual water meter replacement - Engineering services and studies that do not lead to, or are not directly related to, capitalized facilities - Ongoing Financial, Engineering Design and Geographic Information Systems (GIS) computer hardware and software upgrades not related to the CIP

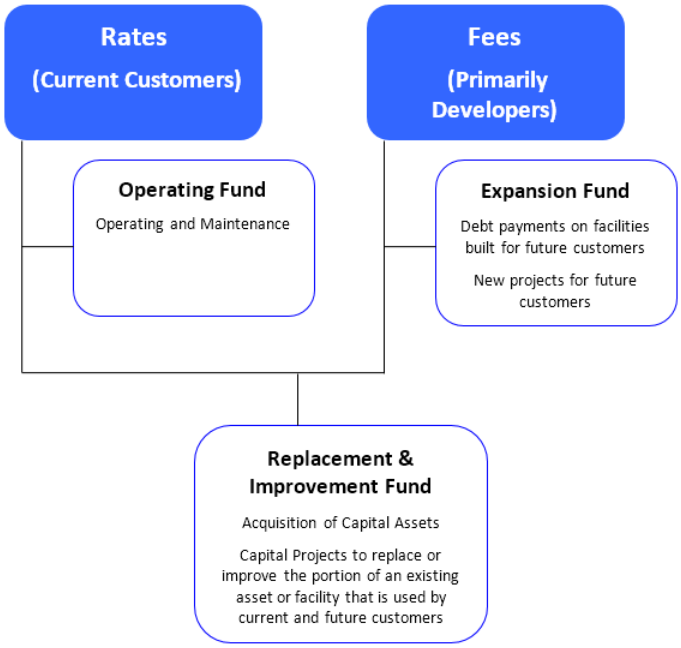
Sources of Revenue

The District collects two main sources of revenue: *rates* and *fees*.

Rates are collected from current customers and are used to pay normal operating costs. A portion of the rates is also set aside in the Replacement and Improvement fund to pay for acquisition of capital assets and for capital projects that replace or improve facilities that benefit existing customers.

Capacity Reserve Fees (Fees) are collected from the development community. The Fees are used to pay debt related to facilities that were built to add capacity for future customers and to pay for new projects that serve future customers. The District will often build a facility that is sized to meet capacity needs into the distant future. A portion of the Fee is deposited in the Replacement and Improvement funds to maintain and improve the portion of any facility that is available for future customers.

In addition to rates and fees, the District receives other project revenues such as State or Federal grants, and reimbursements from other agencies such as DERWA and the City of Pleasanton. Grants and reimbursements may be used for rehabilitation projects or new infrastructure, depending on the terms of the funding source.



Capital Funds

The District has three businesses: Water, Wastewater Collection (Local) and Wastewater Treatment (Regional). Each business has three funds; Enterprise, Replacement and Improvement, and Expansion. The Capital Improvement Program outlines the capital expenditures planned in the Replacement and Improvement and Expansion funds. A summary of the funds follows.

Local Wastewater Replacement (Fund 210) – The funding source to replace and improve local sewer facilities to handle existing wastewater flows. Facilities include trunk sewer lines, lift stations, and related appurtenances that transfer wastewater from the point of origin to the Regional Wastewater Treatment Plant.

Local Wastewater Expansion (Fund 220) – The funding source to expand or add local sewer facilities to accommodate increased wastewater flows from new development

Regional Wastewater Replacement (Fund 310) – The funding source to replace and improve the Regional Wastewater Treatment Plant to process existing wastewater flows before further treatment for recycled water or transit through the LAVWMA pipeline to the San Francisco Bay for disposal.

Regional Wastewater Expansion (Fund 320) – The funding source to expand or add to the Regional Wastewater Treatment Plant and related appurtenances that process future wastewater flows.

Water Replacement (Fund 610) – The funding source to replace and improve facilities to treat recycled water and to distribute potable and recycled water. These facilities include the recycled water treatment facility and pipelines, pump stations, reservoirs, and related appurtenances to distribute potable water from the Zone7 turnouts to the customers and to distribute recycled water from the DERWA turnouts to the recycled water customers.

Water Expansion (Fund 620) – The funding source to expand or add facilities to treat recycled water and to distribute potable and recycled water.

A project can have more than one funding source depending on the scope of the project. The fund split for multi-funded projects are determined based on the District's Project Cost Allocation Policy (P400-13-2).

CAPITAL IMPROVEMENT PROGRAM BUDGET CONTROLS

Each project or allowance and corresponding budget listed in the first two years (FYEs 2016 and 2017) of the CIP 10-Year Plan is authorized and may be fully expended with the following conditions.

Total Project Budget

The total expenditures for each individual project shall not exceed the project total. However, expenditures may be initiated in either FYE 2016 or 2017 even if one year shows no budget. Per Budget Accountability Policy (P400-11-2), the General Manager is authorized to approve cumulative increases to a project budget up to a maximum of $100,000. In excess of the General Manager's signing authority, the Board must approve increases to the total project budget. Per the Budget Accountability Policy, any CIP budget adjustments approved by the General Manager will be reported as in informational item to the Board at the next regularly scheduled meeting.

Project Approval from an Allowance

Each CIP allowance will eventually have one or more construction projects authorized under it as a specific scope of work is identified. Specific project numbers are assigned as the projects are identified. Approval authority for projects created from an allowance are consistent with the approval authority limits outlined in the District purchasing procedures. The General Manager may approve a project of $100,000 or less. The General Manager may approve an increase in the budget of a project created from an allowance provided adequate allowance funds are available and the total budget will not exceed $100,000. A project created from an allowance in excess of $100,000 or a budget increase that will result in a project budget in excess of $100,000 requires Board approval which typically occurs concurrently with construction contract award. Upon completion of a project created from an allowance, any unused funds are returned to the allowance provided it is in the same fiscal year.

Allowance Budgets

Allowance budgets are not cumulative from year to year. Allowance budgets that do not fund specific projects by the end of the fiscal period do not carry forward. Thus, the total expenditures shall not exceed the total allowance budget for each fiscal year. The Board must approve increases in an allowance budget.

CIP Budget Implementation

The General Manager may authorize staff to complete the implementation process or use consultant contracts in standard District form, task orders and purchase orders for services, equipment, materials and supplies up to the CIP project budget limits, provided that the aggregate amount of approved expenditures does not exceed $100,000. The General Manager may approve professional and

construction contracts in standard District form, as previously approved by the Board, up to $100,000. All work authorized by the General Manager or submitted to the Board for authorization shall be procured and managed in accordance with District purchasing procedures and Purchasing Policy (P500-14-1).

Actions Requiring Board Approval

The following is a summary of the actions requiring Board approval

- Addition of a new project not derived from an allowance
- Increase in a project budget in excess of General Manager authority ($100,000)
- Creation of a project from an allowance in excess of General Manager authority ($100,000)
- Increase in budget for a project created from an allowance where the revised project budget is in excess of General Manager authority
- Authorization of contracts, task orders, purchases or construction contracts in excess of General Manager authority

FUND CASH FLOW

Expenditures

The Ten-year Capital Plan for FYEs 2016 through 2025 includes 117 projects/allowances totaling $135 million. The Two-year Capital Budget includes 54 projects totaling $43.39 million. All expenditures are provided in current dollars.

The total capital expenditures by fund are shown the following table and the expenditures in each fund by project are provided in Appendix B.

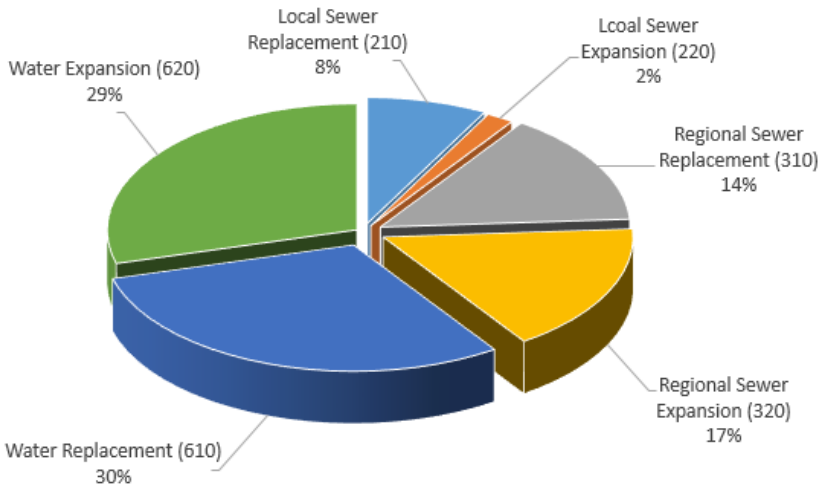
Project Totals by Fund (in $1000's)

Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	10 Year Total
210	1,673	1,702	2,085	2,484	1,537	2,480	270	230	452	230	**13,142**
220	377	390	-	-	-	-	-	-	-	-	**767**
310	3,031	3,235	4,475	3,833	2,436	1,274	1,432	4,512	900	8,556	**33,684**
320	1,306	5,850	4,002	1,709	1,170	491	3,584	2,219	1,600	5,234	**27,164**
610	10,029	3,079	3,776	1,134	2,839	2,010	385	225	2,593	968	**27,038**
620	5,458	7,258	3,784	1,179	4,022	4,151	-	-	-	7,359	**33,210**
Total	**21,875**	**21,513**	**18,123**	**10,338**	**12,003**	**10,406**	**5,671**	**7,185**	**5,544**	**22,347**	**135,006**
	2-Year:	**43,389**									

The following table shows the 2-year fund expenditures for each project category.

Project Categories:	Local Wastewater Replacement (Fund 210)	Local Wastewater Expansion (Fund 220)	Regional Wastewater Replacement (Fund 310)	Regional Wastewater Expansion (Fund 320)	Water Replacement (Fund 610)	Water Expansion (Fund 620)	Totals per Category
Study/Master Plan	$ 125,000	$ 375,000	$ 187,211	$ 1,060,862	$ 16,800	$ 95,931	$ 1,860,804
General	$ 1,588,500	$ 325,000	$ 317,420	$ -	$ 4,266,080	$ 1,950,000	$ 8,447,000
Water System	$ 95,114	$ 3,000	$ 7,000	$ -	$ 8,825,630	$ 8,618,040	$ 17,548,784
Wastewater Collection	$ 1,566,100	$ 64,000	$ -	$ -	$ -	$ -	$ 1,630,100
Resource Recovery Facilities	$ -	$ -	$ 5,754,300	$ 6,095,590	$ -	$ 2,052,000	$ 13,901,890
Totals per Fund	**$ 3,374,714**	**$ 767,000**	**$ 6,265,931**	**$ 7,156,452**	**$ 13,108,510**	**$ 12,715,971**	**$ 43,388,578**

The following pie chart illustrates the relative percentages that each of the fund budgets represent of the total 2-year CIP budget.



Revenue

As discussed in the Overview section, the District has two main sources of revenue are rates and fees. The revenues in the water, local wastewater and regional wastewater **replacement** funds are derived from replacement allocations from the operating fund and the buy-in component of capacity reserve fees. The revenues in the water, local wastewater and regional wastewater **expansion** funds are derived from capacity reserve fees and planning and permitting fees. The District also may receive revenue from State or Federal grants and reimbursements from other agencies such as DERWA. Revenue or reimbursements associated with a particular CIP project are subtracted from the project's total project cost and noted on the CIP project sheet.

The estimated revenue from rates over the ten-year plan is based on calendar year 2013 consumption and normal stage water rates. The estimated revenue from fees is based on the number of future water and wastewater connections anticipated with planned development provided by the cities of Dublin, Pleasanton, and San Ramon. In general, the total number of connections over the 10 years is not

significantly different than previous projections but there are fewer connections in the first five years of the plan and more in the latter 5 years. The impact of developer use of capacity reserve fee credits have been accounted for in the cash flow by reducing the number of projected DUEs by the number of outstanding credits.

Financial Reserves

The District's proposed Financial Reserves Policy designates financial reserves in order to protect the District's investment in various assets, satisfy its commitments under its numerous financial, regulatory and contractual obligations and to stabilize long-term rates for its customers.

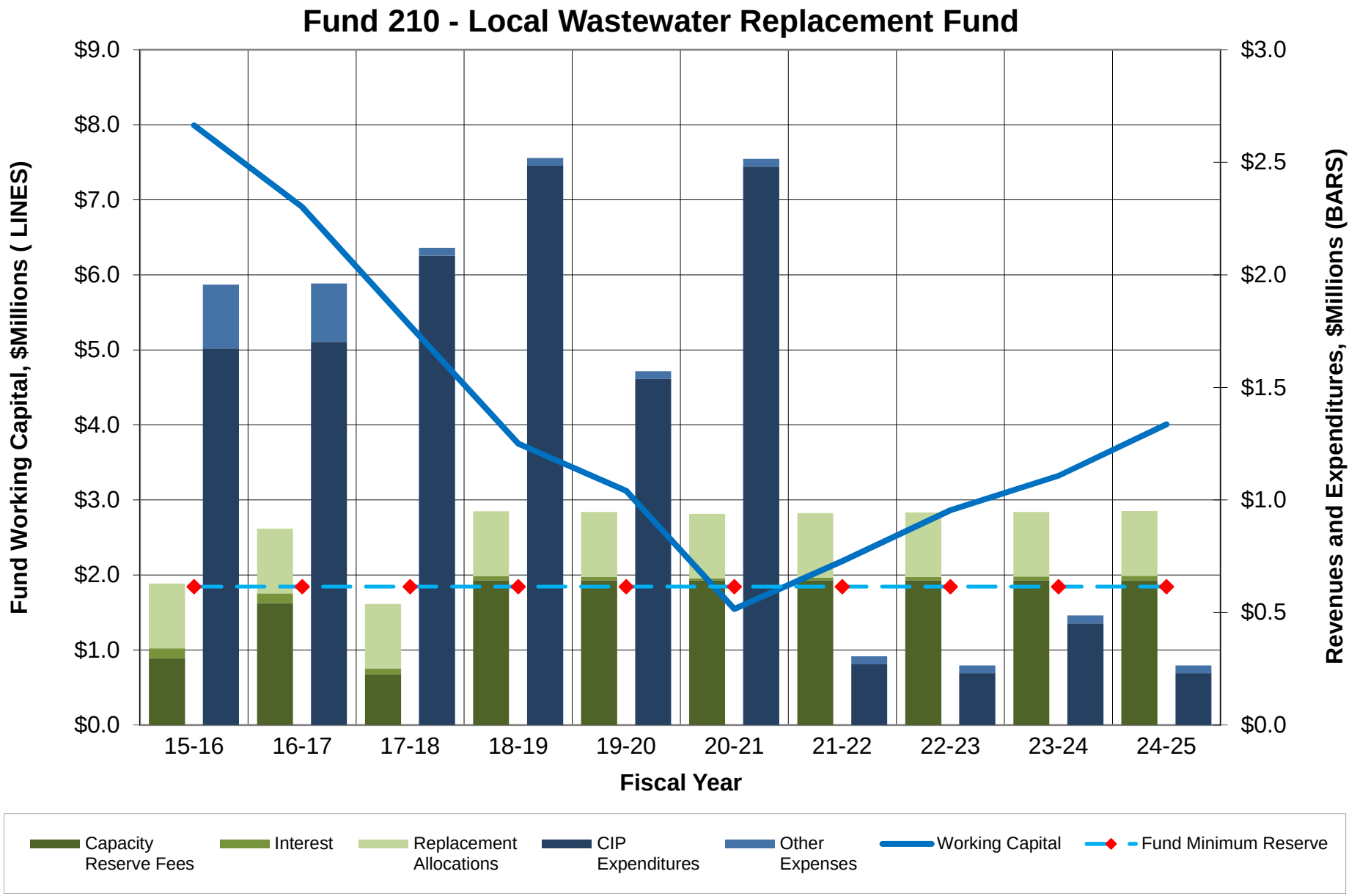
For capital replacement funds (210, 310, 610), the minimum fund is 2X the average annual expenditures in the fund based on the next 15 years of planned expenditures, in conformance with a new District policy revision.

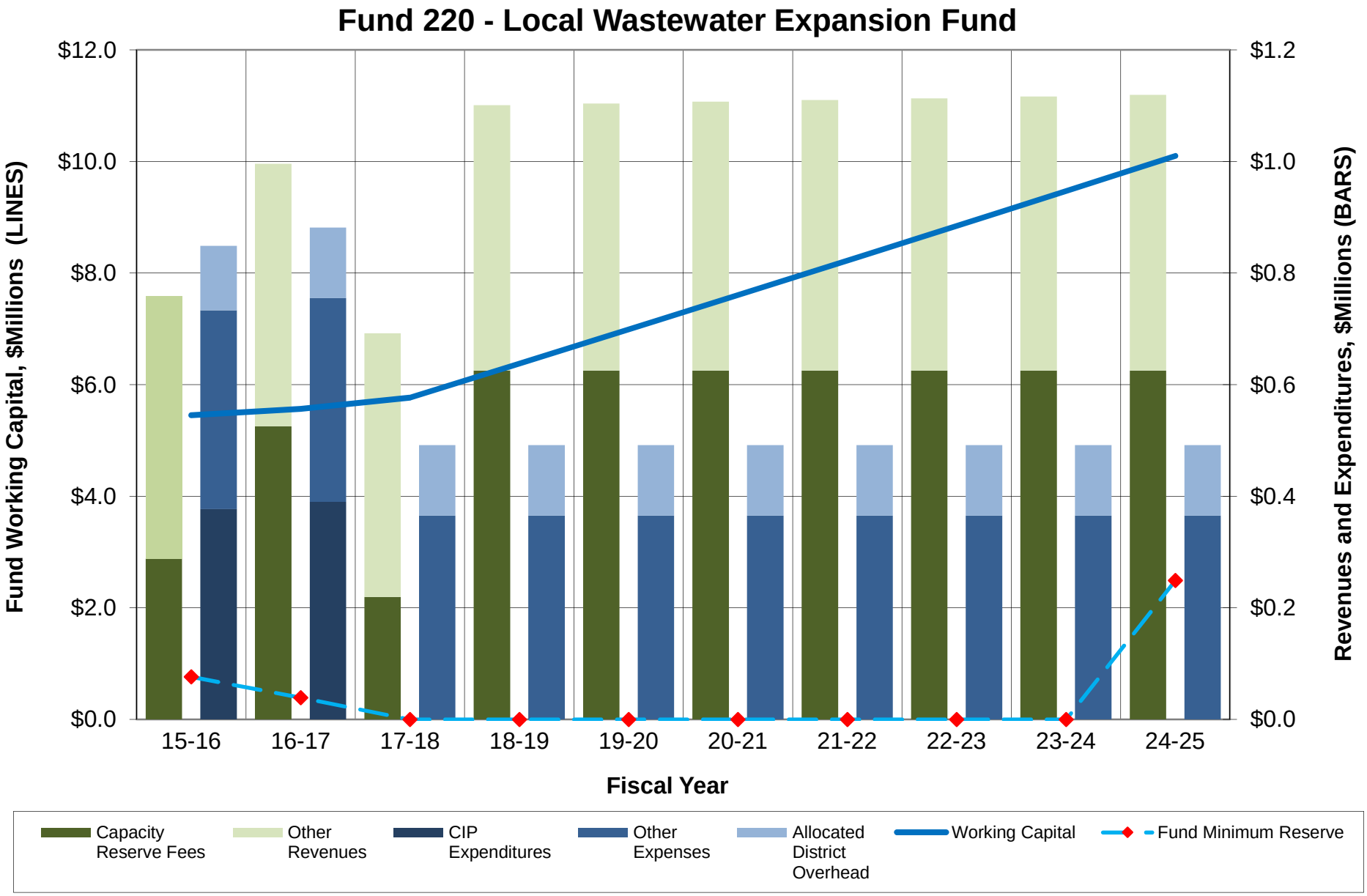
For the expansion funds (220, 320, 620), minimum reserve is two years debt or two years of project expenditures whichever is greater, in conformance with a new District policy revision.

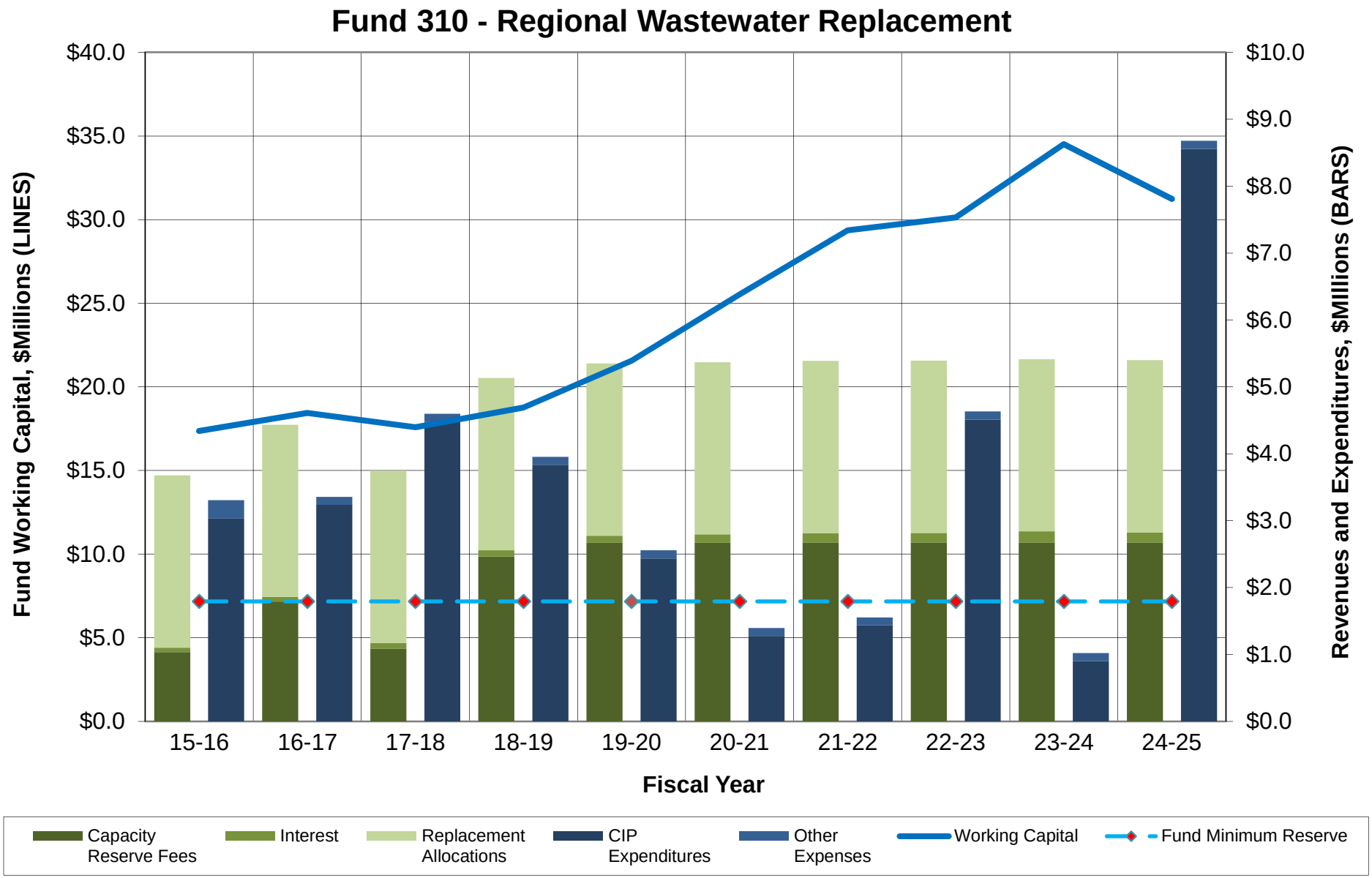
Working Capital

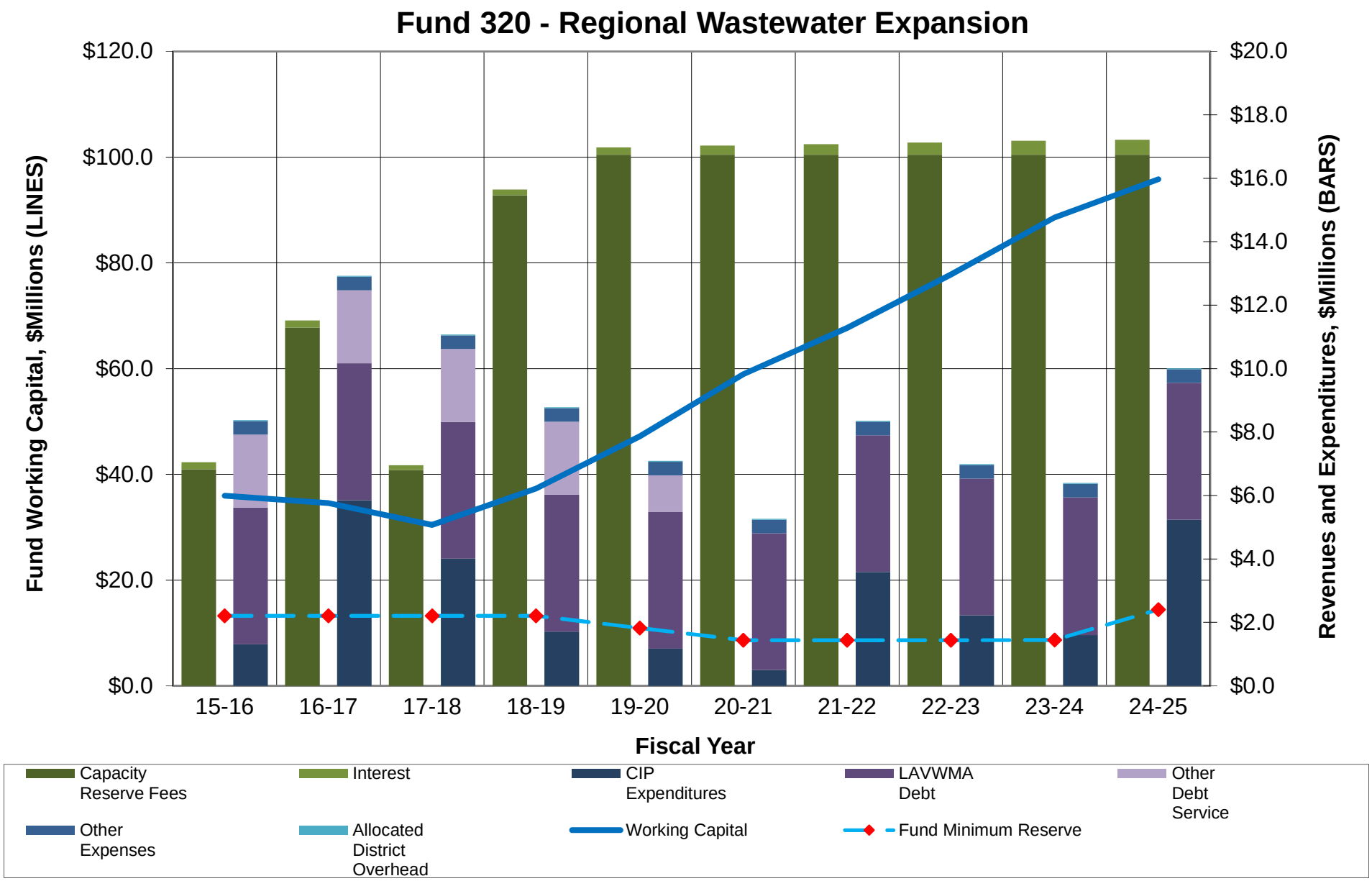
A graphic of each fund's 10-year cash flow and working capital is provided on the following pages. The green stacked bars sum the projected fund revenue and the blue stacked bars sum the projected fund expenditures. The solid blue line is the projected year-end fund balance. The dashed line is the fund's minimum reserve.

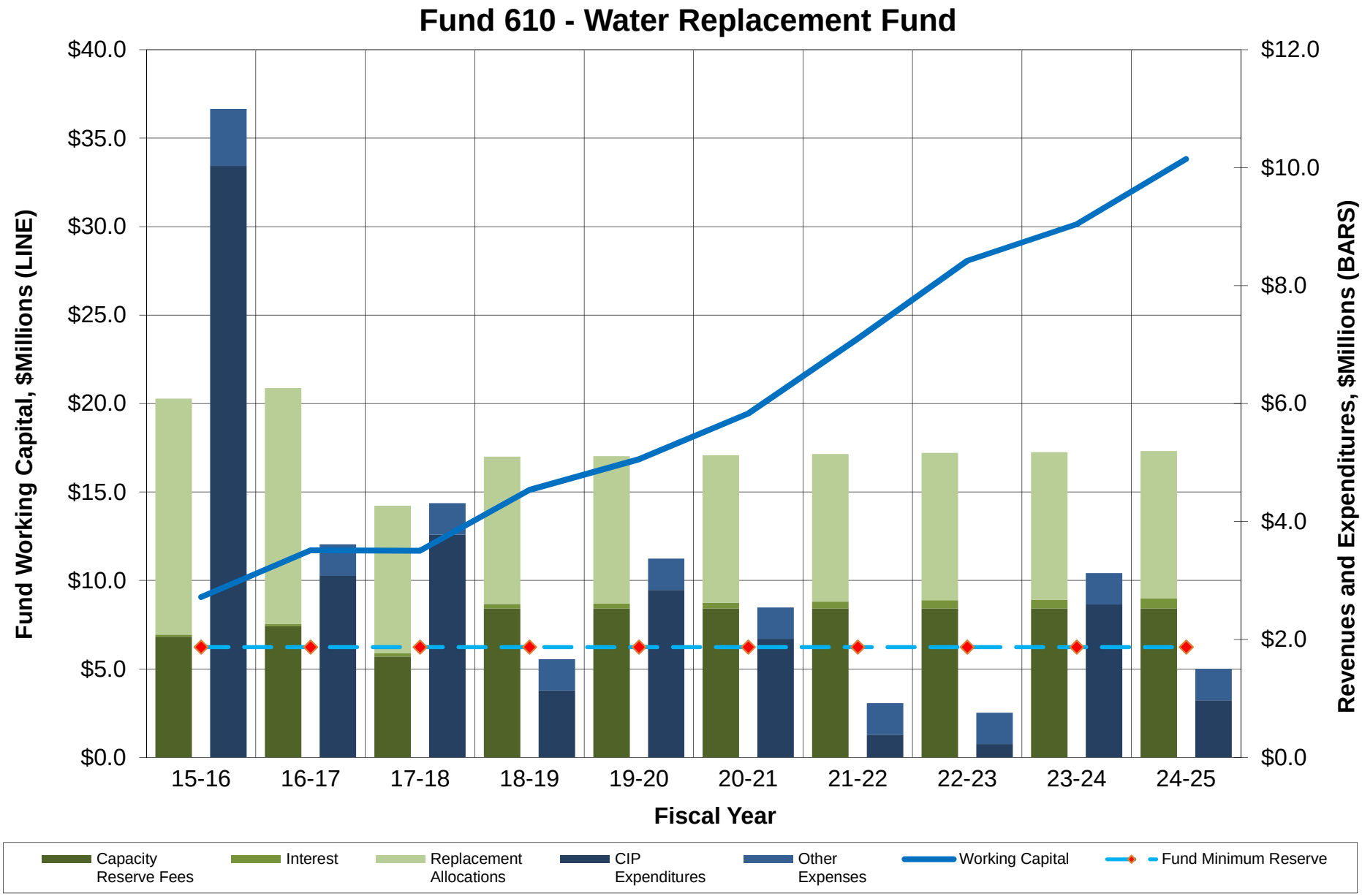
To assess the impact of a slower development than anticipated (a "stress test"), a graphic of each fund's 10-year cash flow and working capital with 60% of projected fund revenue from connection fees and with a 2-year delay in capital expansion projects expenditures is provided in Appendix C.

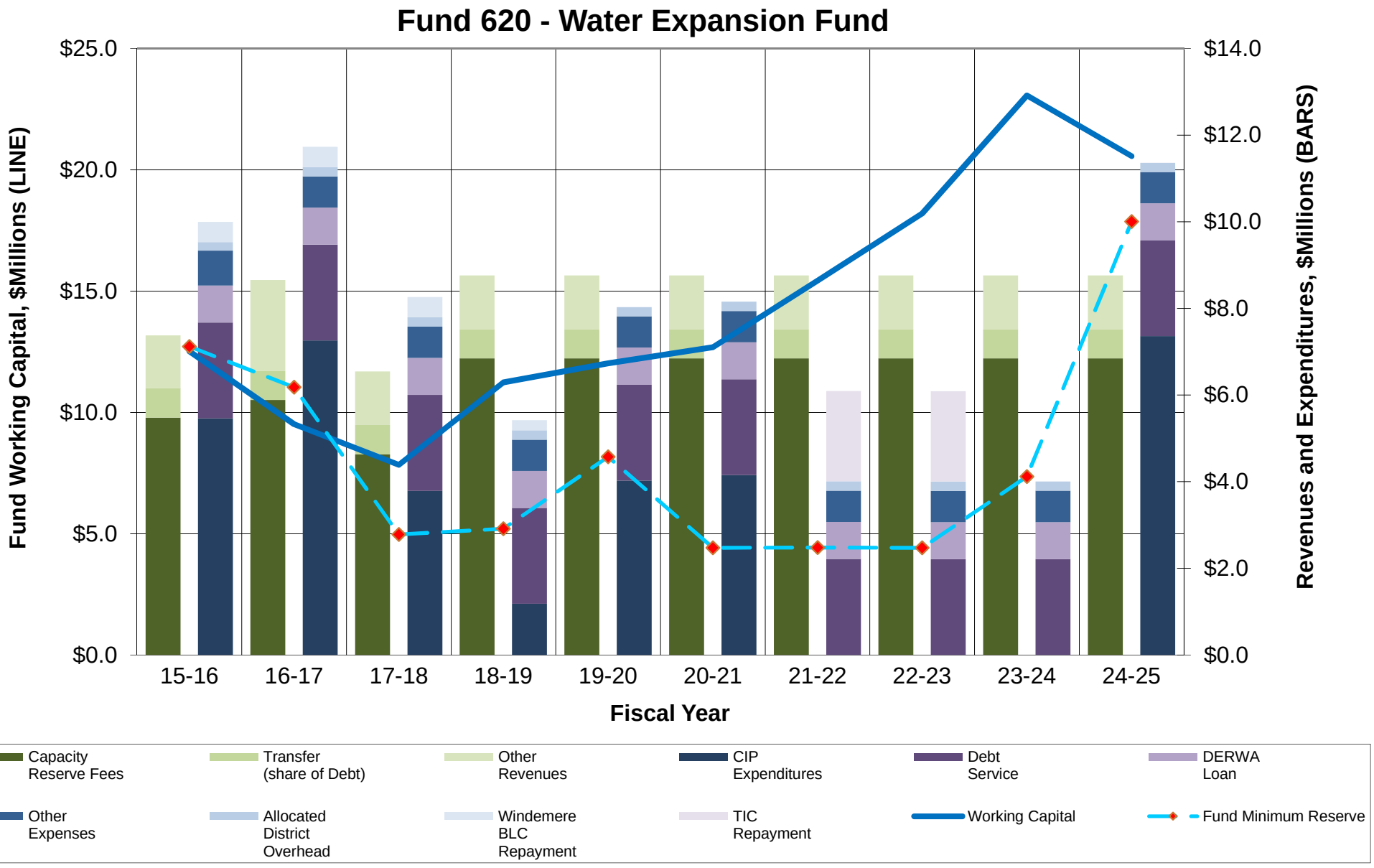

Fund 210 - Local Wastewater Replacement Fund
Fund Working Capital, $Millions (LINES)
Revenues and Expenditures, $Millions (BARS)
$9.0
$8.0
$7.0
$6.0
$5.0
$4.0
$3.0
$2.0
$1.0
$0.0
$3.0
$2.5
$2.0
$1.5
$1.0
$0.5
$0.0
15-16
16-17
17-18
18-19
19-20
20-21
21-22
22-23
23-24
24-25
Fiscal Year
Capacity Reserve Fees
Interest
Replacement Allocations
CIP Expenditures
Other Expenses
Working Capital
Fund Minimum Reserve


Fund 220 - Local Wastewater Expansion Fund
Fund Working Capital, $Millions (LINES)
Revenues and Expenditures, $Millions (BARS)
$12.0
$10.0
$8.0
$6.0
$4.0
$2.0
$0.0
$1.2
$1.0
$0.8
$0.6
$0.4
$0.2
$0.0
15-16
16-17
17-18
18-19
19-20
20-21
21-22
22-23
23-24
24-25
Fiscal Year
Capacity Reserve Fees
Other Revenues
CIP Expenditures
Other Expenses
Allocated District Overhead
Working Capital
Fund Minimum Reserve


Fund 310 - Regional Wastewater Replacement
Fund Working Capital, $Millions (LINES)
Revenues and Expenditures, $MIllions (BARS)
$40.0
$35.0
$30.0
$25.0
$20.0
$15.0
$10.0
$5.0
$0.0
$10.0
$9.0
$8.0
$7.0
$6.0
$5.0
$4.0
$3.0
$2.0
$1.0
$0.0
15-16
16-17
17-18
18-19
19-20
20-21
21-22
22-23
23-24
24-25
Fiscal Year
Capacity Reserve Fees
Interest
Replacement Allocations
CIP Expenditures
Other Expenses
Working Capital
Fund Minimum Reserve


Fund 320 - Regional Wastewater Expansion
Fund Working Capital, $Millions (LINES)
Revenues and Expenditures, $Millions (BARS)
$120.0
$100.0
$80.0
$60.0
$40.0
$20.0
$0.0
$20.0
$18.0
$16.0
$14.0
$12.0
$10.0
$8.0
$6.0
$4.0
$2.0
$0.0
15-16
16-17
17-18
18-19
19-20
20-21
21-22
22-23
23-24
24-25
Fiscal Year
Capacity Reserve Fees
Interest
CIP Expenditures
LAVWMA Debt
Other Debt Service
Other Expenses
Allocated District Overhead
Working Capital
Fund Minimum Reserve


Fund 610 - Water Replacement Fund
Fund Working Capital, $Millions (LINE)
Revenues and Expenditures, $Millions (BARS)
$40.0
$35.0
$30.0
$25.0
$20.0
$15.0
$10.0
$5.0
$0.0
$12.0
$10.0
$8.0
$6.0
$4.0
$2.0
$0.0
15-16
16-17
17-18
18-19
19-20
20-21
21-22
22-23
23-24
24-25
Fiscal Year
Capacity Reserve Fees
Interest
Replacement Allocations
CIP Expenditures
Other Expenses
Working Capital
Fund Minimum Reserve


Fund 620 - Water Expansion Fund
Fund Working Capital, $Millions (LINE)
Revenues and Expenditures, $Millions (BARS)
$25.0
$20.0
$15.0
$10.0
$5.0
$0.0
$14.0
$12.0
$10.0
$8.0
$6.0
$4.0
$2.0
$0.0
15-16
16-17
17-18
18-19
19-20
20-21
21-22
22-23
23-24
24-25
Fiscal Year
Capacity Reserve Fees
Transfer (share of Debt)
Other Revenues
CIP Expenditures
Debt Service
DERWA Loan
Other Expenses
Allocated District Overhead
Windemere BLC Repayment
TIC Repayment
Working Capital
Fund Minimum Reserve

KEY PROJECTS

The following sections provide a summary the key projects or initiatives in the CIP Plan.

Dublin Trunk Sewer Rehabilitation. This project will rehabilitate the Dublin trunk sewer from Village Parkway and Tamarack Drive south to Village Parkway and Clark Ave, then from Clark Ave under Highway 580 to Commerce Circle in Pleasanton. The project also includes rehabilitation of the sewer from the intersection of the Dublin and Camp Parks Trunk sewers to the WWTP entrance. The Dublin Trunk Sewer was installed in 1960 and 1961. As part of the asset management program for the collection system, a large diameter sewer inspection project evaluating the condition of collection system truck lines was completed in late 2013. The sewer showed significant spalling and exposed reinforcing steel in locations. This project's total estimated cost is $4,411,400 funded by the Local Sewer Replacement Fund.

Field Operations Corporation Yard. The Field Operations Division (FOD) has been located on temporary facilities on land leased from Camp Parks Reserve Forces Training Area (RFTA) property for over 18 years. Camp Parks is incrementally turning over sections of the RFTA property to development in exchange for improvements to the RFTA. It is estimated that between three and five years, the District will need to vacate the leased property.

The District purchased 12.8 Acres from Alameda County at the corner of Arnold Road and Gleason Drive for a new Corporation Yard in May 2007. In 2009, the District completed a Field Operations Division Corporation Yard Study which provided conceptual plans and cost estimates for several Corporation Yard and combined Corporation Yard and Administration Facility alternatives. In 2009, the project was suspended due to the economic downturn. In order to have a Corporation Yard facilities complete at the new site in three years, the District will need to begin planning and design of the facilities in Fiscal Year 2015. This project's total estimated cost is $6,527,000 funded by the Water Replacement and Expansion Funds (85%) and the Local Sewer Replacement and Expansion Funds (15%).

Water and Recycled Water SCADA Improvements. This project will upgrade the Field Operations Division (FOD) Supervisory Control and Data Acquisition (SCADA) System. The SCADA system consists of Programmable Logic Controllers (PLCs) wired to the instrumentation, pumps, and valves at each of the District facilities. The status of all the facilities is communicated between the facilities and to a central SCADA server via a radio, telephone and fiber communications system and is provided on custom system displays for the operators to monitor the system, change operating parameters and troubleshoot operational issues. The facilities' status is also recorded on a central SCADA historian allowing for analysis of historical data.

This project will 1) replace over forty programmable logic controllers (PLCs) at the District pump stations, reservoirs and sewer lift stations, 2) replace the existing unlicensed 980 MHz serial radio system with a licensed frequency Microwave and 4.9 GHz Ethernet radio system between all the facilities, 3) upgrade the SCADA displays and historian for easier analysis of the real time and historical data, 4) complete the development of SCADA design standards to be used for all future FOD and WWTP SCADA installations, 5) make security improvements at each of the sites such as wiring all the reservoir hatches and exterior panels with intrusion alarms, 6) install District security card readers at each of the locations to turn off and on the security system at each site as well as identify the staff entering the site. The system was also designed to allow for future security and emergency communication improvements. This project's total estimated cost is $6,013,000 with prior spending of $1,782,000. The project is funded primarily by the Water Replacement Fund.

Water Reuse Demonstration Project. The current drought has highlighted how recycled water is an important local water supply source for the Tri-Valley. The water reuse treatment demonstration project will (1) develop treatment system design criteria for reuse of District treated wastewater, (2) develop sufficient treated water quality data and work with the relevant regulatory agency, State Water Resources Control Board's Division of Drinking Water, to demonstrate regulatory compliance for reuse of District treated wastewater, and (3) conduct public outreach regarding reuse and provide opportunities for the public to see the reuse treatment process, and understand the level of treatment provided and finished water quality. This project's total estimated cost is $300,000 funded by the Water Expansion Fund.

Recycled Water Expansion Phase 1: Distribution to West Dublin and Alameda County Facilities. This project includes construction of approximately five miles of pipeline to extend the District's existing recycled water distribution system to customers in western Dublin and to Alameda County facilities, including the Santa Rita Jail in central Dublin, permanently reducing potable water demand by approximately 350 acre-feet per year (AFY). This project's total cost is $7,034,000, with a net cost of $5,034,000 after reimbursement from Proposition 84 Drought Grants. The project is funded by Water Expansion (65%) and Water Replacement (35%) Funds.



Recycled water installation for irrigation use at Fallon Gateway



Inspection of the recycled water irrigation at Bray Commons

DERWA Facilities. With the expansion of DSRSD, EBMUD and Pleasanton recycled water distribution systems it is anticipated that in the next two to three years that the recycled water peak day demand will exceed the wastewater available for recycled water treatment and will exceed the capacity of the recycled water treatment facility and pump station. There are three DERWA projects included in the CIP which DSRSD will contribute towards: DERWA Supplemental Supply, DERWA Recycled Water Plant Phase 2, and DERWA Pump Station 1. The estimated cost of these three projects is $15,496,000 with a net cost of $8,113,000 after reimbursement from DERWA. The projects are funded by the Water Expansion Fund.

Wastewater Treatment and Biosolids Master Plan. The Wastewater Treatment Plant and Biosolids Master Plan (CIP 14-P004) is a comprehensive update of both the District's 2005 Wastewater Treatment Plant Master Plan Update and 2007 Biosolids Master Plan. The Master Plan will evaluate the existing processes and equipment and develop a plan for future replacement, rehabilitation or addition of facilities over a 25 year planning horizon. The Master Plan will provide clear guidance to navigate several key issues including:

- Planning for evolving regulations, especially anticipated limits on nutrient discharges into San Francisco Bay.
- Managing risk by selecting the best long-term options for diversifying the existing biosolids management, including the extent of participation in the Bay Area Biosolids to Energy Program.
- Assessing whether to rehabilitate or replace aging facilities. The Master Plan includes a condition assessment task that will support the asset management program for the regional assets.
- Optimizing energy production and use.
- Considering opportunities for cost effective recovery of vital water and natural resources.
- Maintaining the District's good relationships with the neighbors through effective odor control.

This project's total estimated cost is $1,700,000 funded by the Regional Sewer Expansion (85%) and Regional Sewer Replacement (15%) Funds.

WWTP Anaerobic Digester No. 4. The 90% design of a fourth digester was completed in 2010. However, with the economic downturn and because the inflows to the WWTP have not increased over the past few years, the project was postponed. The digesters decompose and stabilize the process volatile solids, reduce the solids volume, and eliminate pathogenic organisms. With all three digesters in service, there is sufficient digester capacity to accommodate the loading. However, digesters need to be taken out of service every 4 to 5 years for cleaning. When the average dry weather flow at the WWTP reaches 14 million gallons/day, a fourth digester is required in order to take the largest digester out of service and maintain solids treatment capacity. Without adequate digestion, increased volatile solids will enter the Facultative Sludge Lagoons which could result in odor problems as experienced in the spring of 2000. The purpose of this project is to construct Anaerobic Digester No. 4 in approximately the same size and volume as Digester No. 3 to provide adequate reliability and redundancy to this critical process.

This project also includes the design of a Fats, Oils and Grease (FOG) receiving station. There are potential benefits to the community, the environment, and the District in receiving FOG for digestion. The District mandates that food handling establishments use grease traps to collect FOG to prevent it from coating the wastewater collection system and treatment equipment. FOG digestion can provide a cost effective and environmentally superior method for waste haulers to dispose of the FOG as opposed to landfill disposal. FOG digestion can also generate revenue to the District through tipping fees from the waste haulers and through increased gas production. In addition, FOG can improve the solids destruction capability of the digestion process. This project's total estimated cost is $9,869,000 funded by the Regional Sewer Expansion (89%) and Regional Sewer Replacement (11%) Funds.



Nutrient Removal. There is a growing concerns over potential environmental impacts of nutrients in the San Francisco Bay Area. This is a significant emerging issue that potentially could have an impact on the District's wastewater treatment plant. Regulatory work and various studies are already underway on this issue. The District is involved via participation in ongoing studies being conducted by the Bay Area Clean Water Agencies (BACWA). These studies and WWTP and Biosolids Master Plan will provide more information on potential discharge and treatment requirements. In the interim, the 10-year Plan includes a project to meet a modest ammonia removal requirement in the latter plan years. The current estimated cost for this project is $8,790,000 funded by the Regional Sewer Replacement (65%) and Regional Sewer Expansion (35%) Funds.

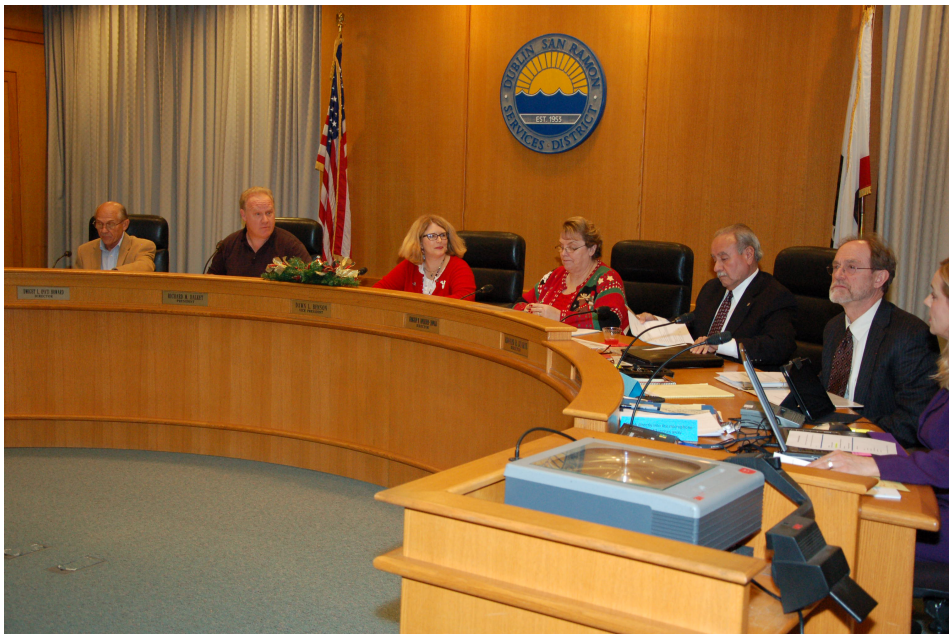
Biosolids Dewatering. The District operates six facultative sludge lagoons (FSL) to stabilize digested sludge from the WWTP and a 55-acre dedicated land disposal (DLD) site where the biosolids residuals are tilled into the soil. The District completed its current Biosolids Master Plan in two phases: Phase 1 in 2002 and Phase II in 2007. The Biosolids Master Plan confirmed the current FSL/DLD operation has the lowest capital and operating costs for biosolids disposal and recommended continuing the current operation. However, the Biosolids Master Plan also recommended the District begin to diversify disposal options in the event the FSL/DLD site becomes unusable due to impacts on groundwater, changes in public acceptance of the current process and/or changes in regulations.

In an effort to diversify future disposal options, the District is participating in the Bay Area Biosolids to Energy Project (BAB2E). The WWTP Master Plan will evaluate the current FSL/DLD operation and recommend which combination of biosolids processing and disposal methods, including emerging technologies and participation in regional projects, is the most economical and reliable long-term solution. The Master Plan will evaluate and compare two alternatives: the District's participation in the Bay Area Biosolids to Energy (BAB2E) project and the District pursuing biosolids processing and disposal alone. In the interim, the 10-year plan includes a biosolids dewatering facility in the latter plan years at a cost of $17,130,000 funded by the Regional Sewer Replacement (65%) and Regional Sewer Expansion (35%) Funds.



District's Facultative Sludge Lagoons (FSLs) located southeast of I-580/680 intersection in Pleasanton, CA

Board Meeting Audio/Video Improvements The audio and video system equipment in the Board room is the original equipment installed when the building was constructed. It is difficult to find replacement parts or re-engineer the system to keep it functioning. To provide transparency in conducting District business, the District began providing video recordings of Board meetings on the District website in November 2012. The quality of the audio and video in the recordings is poor This project will retrofit the Boardroom lighting and sound system and install video cameras and video streaming equipment to enable quality video streaming and indexing of Board meetings. It will also improve the ability of people attending board meeting to hear what is being said. There will be an additional ongoing annual cost for third party support for videoing, streaming, and indexing of the video.



GUIDE TO THE CIP 10-YEAR PLAN PROJECT SHEET

Each project in the CIP 10-Year Plan is described in details in a CIP Plan Project Sheet. The following briefly explains the different areas of the Project Sheets.

General Information in Header Block

Category: The projects are grouped into 5 categories: Study/Master Plan, General, Water System, Wastewater Collection, and Resource Recovery Facilities.

Main Fund: Identifies the main source of funding for the project. If a project has more than one funding source, the fund and percentages for each fund are noted in the fund allocation and a brief explanation of the basis of the allocation is also provided.

Project Name: Provides a descriptive title of the project to easily recognize what the project is.

Project Number (CIP #): A District identifier number assigned to each CIP project. For projects introduced in the 10-Year Plan for the first time, the CIP number begins with the letter "T" and follows the format TYY-ZZ, where:

T	stands for "Ten-Year project"
YY	the fiscal year that the project was introduced in the CIP 10-Year Plan
ZZ	chronological number starting with 01

The first 2 years of the 10-Year Plan is referred to as the CIP 2-Year Budget and projects scheduled to begin within these 2 years are authorized by the Board for budget expenditure. These projects will be given a permanent CIP number as it gets incorporated in the District's financial and project accounting system database, with the format YY-XZZZ, where:

YY	the fiscal year the project became active
X	the project type code: W (water), S (sewer), P (treatment plant), R (recycled water), A (District Office / Administrative)
ZZZ	chronological number that resets to 001 at the beginning of each fiscal year

Over the years, the CIP numbering convention has changed several times, and that is seen in the different forms of CIP numbers still in use with the older projects that are still active. Previously, CIP numbers were based on the major fund that has significant contribution to the project; but for projects with multiple funding sources, the project's identifier number loses its meaning. Beginning in FYE 2012, the YY-XZZ numbering convention has been implemented.

Funding Allocation: The fund and percentages for each fund if a project has more than one funding source.

Project Information (below Header Block)

Project Sponsor: The Division that requested or sponsored the project.

Project Manager: The staff responsible for managing the project. Existing projects and new projects anticipated to begin work in the first 2 years of the Plan have assigned Project Managers. CIP Allowances have Project Sponsors because Project Managers are not assigned until a Project is created out of the Allowance. Project Managers can change throughout the life of the project.

Status: This describes the status of each project and is updated biennially with one of the following designations:

Closing	Projects that were active in CIP 2-Year Budget FYEs 2014 & 2015 where physical work is completed, but administrative work is still outstanding. No authorizations for new work should occur during the fiscal year. This category should only be assigned for one fiscal year FYE 2016.
Continuing	Projects that were active in the CIP 2-Year Budget FYEs 2014 & 2015 and will continue into the new CIP 2-Year Budget FYEs 2016 & 2017.
Initiate	Projects that were included in previous CIP 10-Year Plan and will be placed active in the new CIP 2-Year Budget FYEs 2016 & 2017.
New	Projects that are being introduced for the first time in this CIP 10-Year Plan. New projects could either be *New-Initiate* in the new CIP 2-Year Budget FYEs 2016 & 2017 or be designated as *New-Future* project to begin after FYE 2017.
Future	Projects that were in previous CIP 10-Year Plans planned to begin after FYE 2017.

Project Summary: Includes why the project is needed, what purpose(s) the project will serve, and why the District approved the project budget. It may also include the project location, its main components, and notes about funding.

Anticipated CEQA Requirement: This notes the anticipated CEQA documentation for the project which will be reviewed and revised per project design.

Reference: This cites source documents or agency decisions that identified the need for the project/program.

Fund Allocation Basis: A brief explanation of the basis of the allocation if a project has more than one funding source.

10-Year Cashflow and Estimated Project Cost: Shows the estimated current dollar cash flow for the project and the total budget estimated to complete the project. For projects that are anticipated to received grants and other funding, a brief explanation is included. The future cash flow is based on current dollar estimates for projects identified in past master plans. For Allowances, the future cash flow includes expenditures in the five years beyond the 10-year plan determined through the District's Asset Management replacement model.

Map: Shows the location of the project, where applicable.

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Project Sheets
(Grouped By Category)

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CIP 10-YEAR PLAN FYEs 2016 through 2025

CATEGORY: STUDY/MASTER PLAN

CIP No.	Project Name	Page
2-Year Projects		
12-W006	Water System Operations Plan	27
14-P004	WWTP/Biosolids Master Plan	28
14-W007	Water System Master Plan Update and Capacity Reserve Fee Study	29
T00-64	Wastewater Collection System Master Plan Update and Connection Fee Study	30
Future Projects		
T16-32	WWTP Electrical System Master Plan	32
T14-10	Water System Master Plan Update and Operations Plan Update	31

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CATEGORY: STUDY/MASTER PLAN **Water Replacement (Fund 610)**

CIP No. 12-W006 Water System Operations Plan

Funding Allocation: 100% 610

Sponsor: Field Operations **Project Manager:** Judy Zavadil **Status:** Continuing

Project Summary:

This project will be a detailed review of each of the District's pressure zones in the existing water system evaluating the capacity of all of the facilities, operating conditions and establishing parameters for which the system should operate. Currently, the water system is operated by a few key operations staff based on experience and knowledge. This project will make a systematic review and development of an operations plan to assist staff in the future. This project will also evaluate the possibility of removing one tank from service in zones with multiple tanks during winter months to improve water quality.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15262].

Reference: FOD Manager recommendation.

Fund Allocation Basis: N/A

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
183,200	16,800	0	0	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$200,000**
Current Adopted Budget	$200,000
Increase/(Decrease)	$0

CATEGORY: STUDY/MASTER PLAN **Regional Wastewater Expansion (Fund 320)**

CIP No. 14-P004 WWTP/Biosolids Master Plan

Funding Allocation: 85% 320 15% 310

Sponsor: Plant Operations **Project Manager:** Judy Zavadil **Status:** Continuing

Project Summary:

The last complete WWTP Master Plan was completed in 1997 with updates completed in 2005 and 2007. The current average dry weather flow (ADWF) to the WWTP is approximately 11 MGD. Substantial WWTP improvements will be required at approximately 14.5 MGD. Prior to the flows reaching 14.5 MGD, a WWTP Master Plan is needed. The Master Plan will: evaluate current and projected future wastewater flows and strength; determine when additional facilities are required due to hydraulic or treatment limitations; evaluate options for biosolids dewatering and disposal; evaluate current technologies to meet treatment requirements; develop costs estimates; and support a capacity reserve fee study.

Anticipated CEQA Requirement: Not a project under CEQA [CEQA Guideline 15378].

Reference: To be determined.

Fund Allocation Basis: Fund split based on ADWF that initiates project vs. buildout flowrate

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
451,927	1,248,073	0	0	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$1,700,000**
Current Adopted Budget	$1,700,000
Increase/(Decrease)	$0



CATEGORY: STUDY/MASTER PLAN **Water Expansion (Fund 620)**

CIP No. 14-W007 Water System Master Plan Update and Capacity Reserve Fee Study

Funding Allocation: 100% 620

Sponsor: Planning and Permitting **Project Manager:** Steven Delight **Status:** Continuing

Project Summary:

This project will update the District's Water System Master Plan. The Master Plan outlines the water system required to serve our customers from current conditions through future build-out conditions ensuring the water system operation is reliable as systems expand. This project also includes a capacity reserve fee study based on the Master Plan recommended infrastructure projects.

Anticipated CEQA Requirement: Not a project under CEQA [CEQA Guideline 15378].

Reference: District Engineer

Fund Allocation Basis:

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
1,034,069	95,931	0	0	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$1,130,000**
Current Adopted Budget	$1,130,000
Increase/(Decrease)	$0

CATEGORY: STUDY/MASTER PLAN **Local Wastewater Expansion (Fund 220)**

CIP No. T00-64 Wastewater Collection System Master Plan Update and Connection Fee Study

Funding Allocation: 75% 220 25% 210

Sponsor: Planning and Permitting **Project Manager:** Rhodora Biagtan **Status:** Initiate

Project Summary:

This project will update the 2005 Wastewater Collection System Master Plan, a planning document used to ensure the overall wastewater collection system has adequate capacity as the system expands. Planned developments have changed in density, new developments have been proposed, and street alignments have been established since the last update. The Wastewater Collection System Master Plan is to be updated every five (5) years or as development necessitates. Wastewater Connection Fee Study will also be done at the same time of the Master Plan update.

Anticipated CEQA Requirement: Not a project under CEQA [CEQA Guideline 15378].

Reference: 2005 Wastewater Collection System Master Plan Update.

Fund Allocation Basis: Fund split is based upon the estimated level of effort to evaluate the needs for future expansion as compared to assessment of the existing system.

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	500,000	0	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$500,000**
Current Adopted Budget	$0
Increase/(Decrease)	$500,000

CATEGORY: STUDY/MASTER PLAN **Regional Wastewater Replacement (Fund 310)**

CIP No. T16-32 WWTP Electrical System Master Plan

Funding Allocation: 100% 310

Sponsor: Electrical/Instrumentation **Project Manager:** **Status:** New-Future

Project Summary:

The last Electrical Master Plan was completed in 2004. This master plan will follow the WWTP Master Plan and further asset management efforts.

Anticipated CEQA Requirement: Not a project under CEQA.

Reference: To be determined.

Fund Allocation Basis:

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	230,000	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$230,000**
Current Adopted Budget	$0
Increase/(Decrease)	$230,000

CATEGORY: STUDY/MASTER PLAN **Water Expansion (Fund 620)**

CIP No. T14-10 Water System Master Plan Update and Operations Plan Update

Funding Allocation: 100% 620

Sponsor: Planning and Permitting **Project Manager:** **Status:** Future

Project Summary:

This project will update the District's Water System Master Plan. The Master Plan outlines the water system required to serve our customers from current conditions through future build-out conditions ensuring the water system operation is reliable as systems expand. This project also includes a capacity reserve fee study based on the Master Plan recommended infrastructure projects.

Anticipated CEQA Requirement: Not a project under CEQA.

Reference: To be determined.

Fund Allocation Basis:

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	0	0	0	500,000	0	0	0	0	0

Total Estimated Project Cost	**$500,000**
Current Adopted Budget	$0
Increase/(Decrease)	$500,000

CIP 10-YEAR PLAN FYEs 2016 through 2025

CATEGORY: GENERAL

CIP No.	Project Name	Page
2-Year Projects		
15-A006	Trustworthy Electronic Content Management System (ECMS)	35
T16-44	Facilities Relocation for Dublin Blvd Widening - Sierra Court to Dublin Court	36
T16-62	Street Overlay Modification Allowance	37
T16-63	Board Meeting Audio/Video Improvements	38
T16-70	Corporation Yard & Administrative Facilities	39
T16-08	District Office Improvements	40
Future Projects		
00-3120	Energy Management	41
00-A002	Access Road Improvements	42
610C130	Wide Area Network Communications	43

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CATEGORY: GENERAL **Regional Wastewater Replacement (Fund 310)**

CIP No. 15-A006 Trustworthy Electronic Content Management System (ECMS)

Funding Allocation: 53% 310 37% 610 10% 210

Sponsor: Management Services **Project Manager:** Nancy Hatfield **Status:** Continuing

Project Summary:

This project will select, purchase, and implement of a trustworthy electronic content management system (ECMS) in order to improve and appropriately update the District's records management system. The project includes, but is not limited to: design and implementation of new software and hardware; identification and reconciliation of existing records at the District Office, WWTP, and Field Operations facilities; creation and implementation of appropriate policies and procedures to govern an updated program; pilot testing of new system; and staff training.

Anticipated CEQA Requirement: Not a project under CEQA [CEQA Guideline 15378].

Reference: Records Management Program Needs Assessment, June 2013; Records Retention Schedule Policy, March 15, 2011; California Public Records Act

Fund Allocation Basis: Project will be used primarily by employees to conduct District business so fund split is based on current salary allocation.

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
455,000	252,000	137,000	0	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$844,000**
Current Adopted Budget	$455,000
Increase/(Decrease)	$389,000

CATEGORY: GENERAL **Local Wastewater Replacement (Fund 210)**

CIP No. T16-44 Facilities Relocation for Dublin Blvd Widening - Sierra Court to Dublin Court

Funding Allocation: 70% 210 30% 610

Sponsor: Capital Improvement Program **Project Manager:** Rudy Portugal **Status:** New-Initiate

Project Summary:

This project will relocate water and sewer utilites to accomodate the widening of Dublin Blvd between Sierra Court and Dublin Court by the City of Dublin. This project includes relocating the sewer lift station, modifications and/or relocation of water appurtenances (such as water meters and air relief valves) and installation of recycled water main in Dublin Blvd in coordination with the City's street widening project. The work will be coordinated and constructed as part of the City's Dublin Blvd Widening Project through the Tri-Valley Intergovernmental Reciprocal Services Agreement.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline15302].

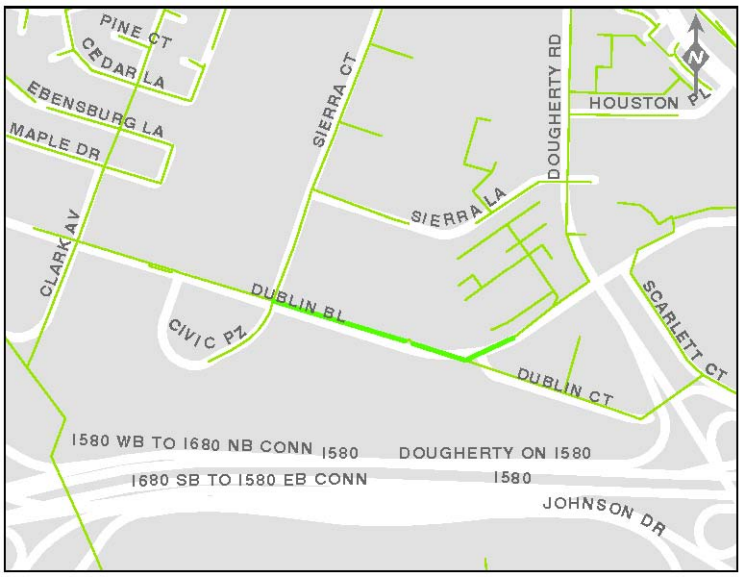
Reference: Tri-Valley Intergovernmental Reciprocal Services Agreement.

Fund Allocation Basis:

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	92,500	960,500	0	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$1,053,000**
Current Adopted Budget	$0
Increase/(Decrease)	$1,053,000



CATEGORY: GENERAL **Local Wastewater Replacement (Fund 210)**

CIP No. T16-62 Street Overlay Modification Allowance

Funding Allocation: 50% 210 50% 610

Sponsor: Field Operations **Project Manager:** Ryan Pendergraft **Status:** New-Initiate

Project Summary:

The District is required to adjust infrastructure access to any increases in street grades. This project will raise manholes and valve boxes annually in conjunction with overlay projects conducted by the City of Dublin and City of San Ramon using the Tri-Valley Intergovernmental Reciprocal Services Agreement.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15302].

Reference: Coordination meetings with City staff.

Fund Allocation Basis: Fund split is based upon the number of valve boxes and manholes in the system. There are twice as many valve boxes as manholes, however, manholes cost twice as much to raise. Each project created will be based upon the actual work included.

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	140,000	140,000	160,000	160,000	160,000	160,000	160,000	160,000	160,000	160,000	0

Total Estimated Project Cost	**$1,560,000**
Current Adopted Budget	$0
Increase/(Decrease)	$1,560,000

CATEGORY: GENERAL **Regional Wastewater Replacement (Fund 310)**

CIP No. T16-63 Board Meeting Audio/Video Improvements

Funding Allocation: 45% 310 45% 610 10% 210

Sponsor: Information Technology Services **Project Manager:** Bob Treppa **Status:** New-Initiate

Project Summary:

This project will retrofit the Boardroom lighting and audio system and install video cameras and video streaming equipment to facilitate quality video streaming and indexing of Board meetings. There will be an additional ongoing annual cost for third party support for videoing, streaming, and indexing of the video.

Anticipated CEQA Requirement: Not a project under CEQA.

Reference:

Fund Allocation Basis: Project will mainly benefit customers so the allocation is based on revenues by fund.

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	100,000	0	0	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$100,000**
Current Adopted Budget	$0
Increase/(Decrease)	$100,000

CATEGORY: GENERAL **Water Replacement (Fund 610)**

CIP No. T16-70 Corporation Yard & Administrative Facilities

Funding Allocation: 55% 610 30% 620 10% 210 5% 220

Sponsor: Field Operations **Project Manager:** Judy Zavadil **Status:** New-Initiate

Project Summary:

The Field Operations Division (FOD) has been located in temporary facilities on land leased from Camp Parks RFTA for over sixteen (16) years. In May 2007, the District purchased 12.8 acres from Alameda County at the corner of Arnold Road and Gleason Drive for a new Corporation Yard. In 2009, the District completed a Field Operations Division Corporation Yard Study which provided conceptual plans and cost estimates for several Corporation Yard and combined Corporation Yard and Administration Facility alternatives. Later in 2009, the project was suspended due to the economic downturn.

In recent years, Camp Parks has been incrementally turning over sections of the RFTA property to development projects in exchange for improvements to the RFTA. It is estimated that between three and five years, the District will need to vacate the leased property. The District will need to begin planning and design of the Corporation Yard facilities in FYE 2015 in order to have a Corporation Yard facilities complete before the Camp parks lease is terminated.

Anticipated CEQA Requirement: To be determined.

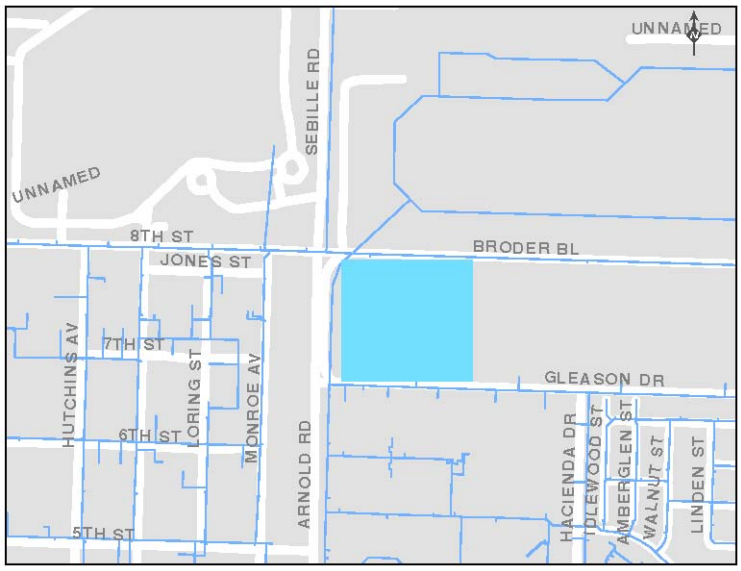
Reference: Field Operations Division Corporation Yard Study, January 2009.

Fund Allocation Basis: Fund split is based upon the estimated Field Operations cost split between potable water, recycled water and sewer activities.

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	6,200,000	300,000	0	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$6,500,000**
Current Adopted Budget	$0
Increase/(Decrease)	$6,500,000



CATEGORY: GENERAL **Regional Wastewater Replacement (Fund 310)**

CIP No. T16-08 District Office Improvements

Funding Allocation: 53% 310 37% 610 10% 210

Sponsor: Mechanical/Maintenance **Project Manager:** Rudy Portugal **Status:** New-Initiate

Project Summary:

The District office was constructed in 1992. The carpet and wall coverings are original and considerably worn. This project will replace the carpet, repaint walls, replace the boiler, and rehabilitate or replace all three entry gates.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline15301, 15302].

Reference:

Fund Allocation Basis: Will be used primarily by emploees to conduct District business so fund split is based on employee allocation (this is from current FYE 14 and 15 data, may need to update - check with Herman).

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	125,000	0	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$125,000**
Current Adopted Budget	$0
Increase/(Decrease)	$125,000



CATEGORY: GENERAL **Regional Wastewater Replacement (Fund 310)**

CIP No. 00-3120 Energy Management

Funding Allocation: 75% 310 25% 610

Sponsor: Plant Operations **Project Manager:** Steven Delight **Status:** Future

Project Summary:

Over the next 10 years, energy management is going to be a significant issue for wastewater and recycled water treatment. This project will fund participation in local and regional efforts regarding alternative energy, evaluating existing systems, studying and evaluating technologies and making minor improvements to existing systems. Examples of potential projects include: evaluating most efficient digester gas usage in the cogeneration system; partnering with other agencies in offsite solar power; assessing value of digester gas storage; improvements to gas treatment; experimenting with low energy lighting; and an Energy Management Master Plan.

Anticipated CEQA Requirement: To be determined.

Reference:

Fund Allocation Basis: N/A

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	250,000	250,000	250,000	250,000	0	0	0	0	0

Total Estimated Project Cost	**$1,000,000**
Current Adopted Budget	$0
Increase/(Decrease)	$1,000,000

CATEGORY: GENERAL **Water Replacement (Fund 610)**

CIP No. 00-A002 Access Road Improvements

Funding Allocation: 80% 610 20% 210

Sponsor: Mechanical/Maintenance **Project Manager:** **Status:** Future

Project Summary:

This project will fund individual projects to rehabilitate gravel and paved access roads and parking lots at District facilities excluding the WWTP.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15302].

Reference: N/A

Fund Allocation Basis: Fund split is based on approximate area of access roads to be maintained.

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	200,000	0	200,000	0	200,000	0	200,000	0	0

Total Estimated Project Cost	**$800,000**
Current Adopted Budget	$0
Increase/(Decrease)	$800,000

CATEGORY: GENERAL **Regional Wastewater Replacement (Fund 310)**

CIP No. 610C130 Wide Area Network Communications

Funding Allocation: 46% 310 44% 610 10% 210

Sponsor: Information Technology Services **Project Manager:** Bob Treppa **Status:** Future

Project Summary:

This project will allow for increased access speed and bandwidth at remote sites (WWTP and FOD). Increases in application demands and database systems cause delays in data transmissions and production slowdowns. This project will remove current SBC leased data lines and install District-owned, multi-strand fiber lines or wireless networks for communications in data and phone systems for faster and bigger-piped communication links. This project will upgrade the existing communication links for WWTP and FOD in areas of data and phone communications. These upgrades will also allow for future bandwidth requirements in areas of audio and video transmission. Through FYE 2011, the project has completed 1) the fiber connection between the District Office and WWTP, 2) the wireless connection between the District Office and FOD, 3) wireless connection between FOD and WWTP, and 4) purchase and installation of wide area network security appliances to support these connections. In the future, when the new Corp Yard site is developed, the "gap project" will be completed and fiber between the DO and FOD will be installed. In the near term, staff will investigate and possible install a fiber link to LAVWMA for SCADA communications.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15302].

Reference: 2002 Information Technology Master Plan.

Fund Allocation Basis: Project is replacement-oriented and will use the standard 'general capital asset' allocation.

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
899,235	0	0	0	365,000	0	0	0	0	0	0	0

Total Estimated Project Cost	**$1,264,235**
Current Adopted Budget	$2,129,376
Increase/(Decrease)	($865,141)

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CIP 10-YEAR PLAN FYEs 2016 through 2025

CATEGORY: WATER SYSTEM

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CIP 10-YEAR PLAN FYEs 2016 through 2025

CATEGORY: WATER SYSTEM

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CATEGORY: WATER SYSTEM **Water Replacement (Fund 610)**

CIP No. 09-6101 Water and Recycled Water SCADA Improvements

Funding Allocation: 98% 610 2% 210

Sponsor: Electrical/Instrumentation **Project Manager:** Rudy Portugal **Status:** Continuing

Project Summary:

This project will upgrade the Field Operations Division (FOD) Supervisory Control and Data Acquisition (SCADA) System. The SCADA system consists of Programmable Logic Controllers (PLCs) wired to the instrumentation, pumps, and valves at each of the District facilities. The status of all the facilities is communicated between the facilities and to a central SCADA server via a radio, telephone and fiber communications system and is provided on custom system displays for the operators to monitor the system, change operating parameters and troubleshoot operational issues. The facilities' status is also recorded on a central SCADA historian allowing for analysis of historical data.

This project will 1) replace over forty programmable logic controllers (PLCs) at the District pump stations, reservoirs and sewer lift stations, 2) replace the existing unlicensed 980 MHz serial radio system with a licensed frequency Microwave and 4.9 GHz Ethernet radio system between all the facilities, 3) upgrade the SCADA displays and historian for easier analysis of the real time and historical data, 4) complete the development of SCADA design standards to be used for all future FOD and WWTP SCADA installations, 5) make security improvements at each of the sites such as wiring all the reservoir hatches and exterior panels with intrusion alarms, 6) install District security card readers at each of the locations to turn off and on the security system at each site as well as identify the staff entering the site. The system was also designed to allow for future security and emergency communication improvements.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15301, Existing Facilities].

Reference: SCADA Master Plan, March 2010

Fund Allocation Basis: Fund split based on ratio of SCADA sites in collection system, DSRSD water and recycled system, and DERWA. Amount is net cost to DSRSD.

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
1,781,591	3,218,400	1,233,000	0	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$6,232,991**	**DSRSD Net Cost: $6,098,982**
Current Adopted Budget	$3,004,136	Other Funding: 5% of cost charged to DERWA; DERWA cost to be split 57/43 between DSRSD and EBMUD
Increase/(Decrease)	$3,228,855	

CATEGORY: WATER SYSTEM **Water Replacement (Fund 610)**

CIP No. 12-W007 Water Sampling Stations

Funding Allocation: 100% 610

Sponsor: Field Operations **Project Manager:** Jim Dryden **Status:** Continuing

Project Summary:

This project will replace approximately 25 existing water system sampling stations located in the older areas of Dublin with new units with a better design. It will also add approximately 25 new sample stations in Dougherty Valley and East Dublin. The new design provides protection from the elements during sampling which reduces the number of retests and provides better overall water quality assurance.

Twelve (12) new stations have been installed and 10 stations replaced through the end of FYE 2015. The project will continue to FYE 2016 to install 12 more new stations; and replace the remaining existing stations in FYE 2017.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15302].

Reference: FOD Manager recommendation.

Fund Allocation Basis: N/A

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
144,066	120,000	60,000	0	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$324,066**
Current Adopted Budget	$324,066
Increase/(Decrease)	$0



CATEGORY: WATER SYSTEM **Water Expansion (Fund 620)**

CIP No. 12-W013 Water Main - Fallon Rd, Tassajara Rd to Tassajara Creek

Funding Allocation: 100% 620

Sponsor: Planning and Permitting **Project Manager:** Rhodora Biagtan **Status:** Continuing

Project Summary:

This project will install approximately 400 feet of 16-inch Pressure Zone 2 water main and approximately 1,700 feet of 20-inch Pressure Zone 3 water main on Fallon Road. The pipeline has been installed and project acceptance has occurred. However, the associated developer reimbursement will be disbursed when funds are available per Board policy or direction.

Anticipated CEQA Requirement: EIR certified by City of Dublin 5/10/1993.

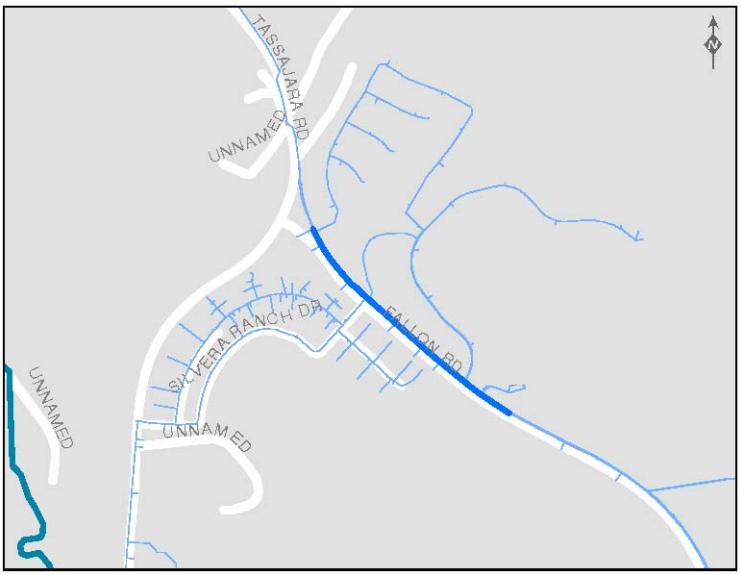
Reference: Pinn Bros. AWFA dated 7/27/2004 for Silveria Property - Phase IV.

Fund Allocation Basis: N/A

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	315,500	0	0	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$315,500**
Current Adopted Budget	$315,500
Increase/(Decrease)	$0



CATEGORY: WATER SYSTEM **Water Replacement (Fund 610)**

CIP No. 12-W016 Reservoirs 1B and 2 Recoating

Funding Allocation: 100% 610

Sponsor: Field Operations **Project Manager:** Steven Delight **Status:** Continuing

Project Summary:

This project will recoat the exterior and interior of reservoirs 1B and 2. Both reservoirs were cleaned and inspected in 2009. The inspection report indicated that there are multiple coating blisters on the interior surfaces and areas of corrosion on the roof. The interior and exterior coatings are original. The project will also recoat all tank and piping appurtenances including the roof hatch and vents, interior and exterior ladders, manways, inlet, outlet, and overflow pipes. A new cathodic protection system will also be installed to replace the original system for both reservoirs. Reservoir 1B is a four million gallon (MG) shared facility with 2.35 MG owned by DSRSD and 1.65 MG owned by Zone 7. Therefore, 41% of the cost associated with recoating reservoir 1B will be paid for by Zone 7.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15301].

Reference: Dept. of Health Services inspection report; video testing report.

Fund Allocation Basis: N/A

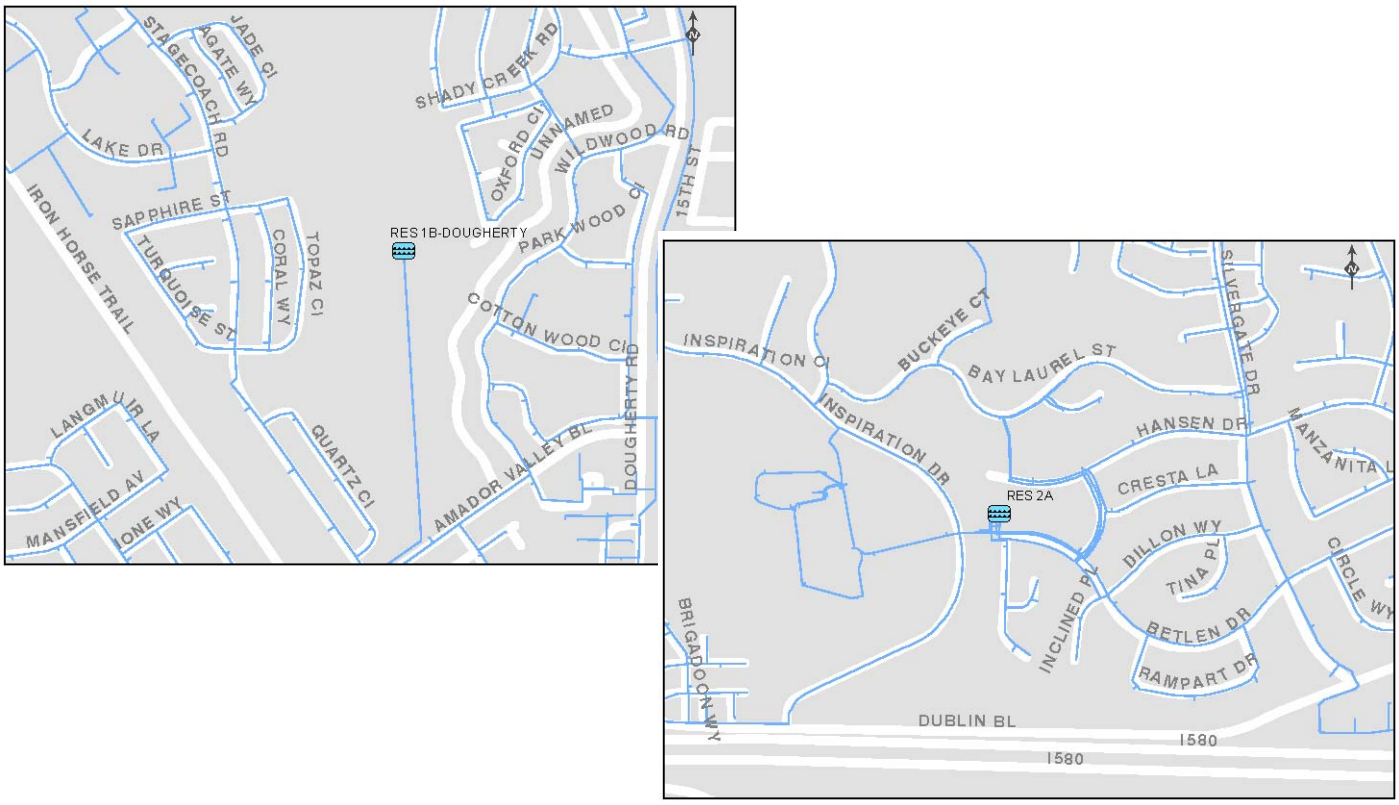
10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	385,000	0	625,000	825,000	0	0	0	0	0	0	0

Total Estimated Project Cost	**$1,835,000**
Current Adopted Budget	$0
Increase/(Decrease)	$1,835,000

DSRSD Net Cost: $1,240,500

Other Funding: $594,500 will be reimbursed by Zone 7 for their 14% portion of the $145,000 total cost for Res 1B, expected in FYE 2019.



CATEGORY: WATER SYSTEM **Water Expansion (Fund 620)**

CIP No. 14-R025 Recycled Water Expansion State Grant Assistance

Funding Allocation: 67% 620 33% 610

Sponsor: Planning and Permitting **Project Manager:** Rhodora Biagtan **Status:** Continuing

Project Summary:

This project is for the preparation and administration of the District's grant application for the third round of the Proposition 84 Integrated Regional Water Management (IRWM) Grant funding for the District's Recycled Water Expansion Program, which includes the installation of distribution pipelines and retrofits of sites in western Dublin and Federal and County facilities. It also includes expansion of the District's recycled water treatment facilities and pump station. The total estimated capital costs of these projects is $23 million. The District is seeking grant funding through the Prop. 84 Implementation Grant administered by the Bay Area Clean Water Agencies. The grant application process is being conducted through the BACWA Recycled Water Committee and the East Bay Subregion. The District is seeking additional funding for the Program through Federal grants. Prop 84 funds have been released over several years in multiple competitive solicitations. The District was awarded $1,130,000 in Round 1 for the project. Round 3 is expected to be the last round of the remaining Prop 84 funds of approximately $72 million for the Bay Area. Administration of the grant application will be a coordination effort by consultant and staff and will involve: preparation of information for the preliminary screening; submittal of cost-benefit analysis; providing additional project information as needed; and completion of DWR forms.

Anticipated CEQA Requirement: Not a project under CEQA.

Reference: Strategic Plan

Fund Allocation Basis: Fund split is based on Program split - based on the development of potable water supply to support future customers and the benefit to existing customers' reduced operating cost.

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
45,000	25,000	0	0	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$70,000**
Current Adopted Budget	$45,000
Increase/(Decrease)	$25,000

CATEGORY: WATER SYSTEM **Water Expansion (Fund 620)**

CIP No. 15-R009 Recycled Water Expansion Ph 1: Distribution to West Dublin and Alameda County Facilities

Funding Allocation: 65% 620 35% 610

Sponsor: Planning and Permitting **Project Manager:** Steven Delight **Status:** Continuing

Project Summary:

This project will install approximately four and a half miles of pipeline to extend the District's existing recycled water distribution system to customers in western Dublin and to the to Alameda County facilities in central Dublin, including the Santa Rita Jail, permanently reducing potable water demand by approximately 350 acre-feet per year (AFY).

A $2.0 million grant is expected from the California Department of Water Resources' (DWR) Integrated Regional Water Management (IRWM) Drought Grants funded by Proposition 84. To be included in the regional application and to maximize opportunity for grant award, this project and EBMUD's recycled water expansion project in San Ramon is being presented as one project under "DERWA Phase 3 Recycled Water Expansion" in the application. Both District and EBMUD staff are working cooperatively to prepare the application. Together, the grant request for the combined project is $4.0 million, of which $2.0 million is for DSRSD and $2.0 million is for EBMUD.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guidelines 15301, 15303(e) and 15061(b)(3)].

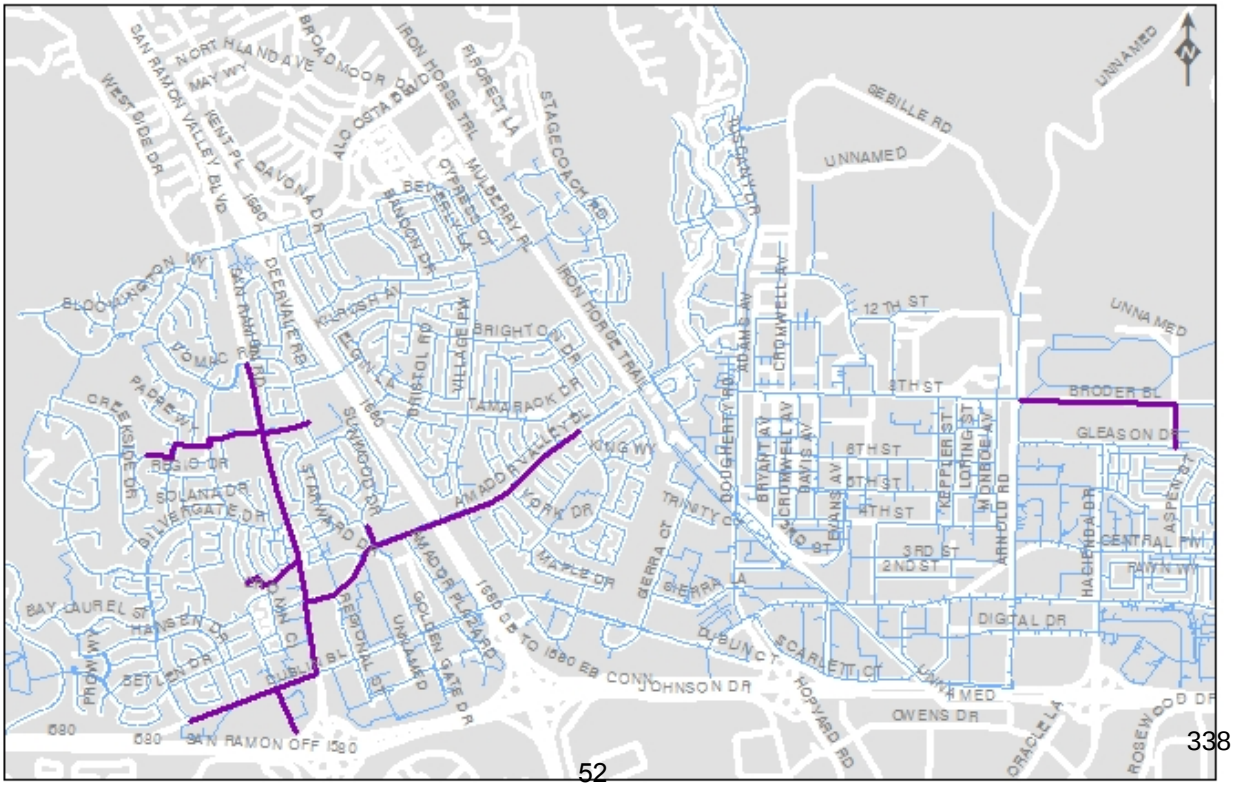
Reference: Dublin Recycled Water Expansion Project, Title XVI Feasibility Study; Recycled Water Treatment and Distribution System Analysis, September 2013

Fund Allocation Basis: Existing customers will also benefit from the recycled water distribution as it will reduce potable water demand especially during drought.

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
1,970,000	6,014,000	0	0	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$7,984,000**	**DSRSD Net Cost: $5,984,000**
Current Adopted Budget	$6,000,000	Other Funding: $2M grant from Proposition 84
Increase/(Decrease)	$1,984,000	



CATEGORY: WATER SYSTEM **Water Replacement (Fund 610)**

CIP No. 15-W004 Dougherty Road Utilities

Funding Allocation: 55% 610 30% 620 10% 210 5% 220

Sponsor: Planning and Permitting **Project Manager:** Rudy Portugal **Status:** Continuing

Project Summary:

This project will install fiber optic conduit and construct a short segment of recycled water pipeline in conjunction with the City of Dublin Dougherty Road Widening Project. The District would like to connect the District Office with the future Corporation Yard site with fiber optic cable. The majority of the fiber optic conduit required is in place with the exception of a section in Dougherty Road. With this project, the District will install two 4-inch fiber optic conduits starting at Sierra Lane and Dougherty Road and proceed north to an existing pull box at Scarlett Drive and Dougherty Road. The District will also extend an 8-inch recycled water line from the existing 30-inch DERWA main in Dougherty Road and one 4-inch fiber optic conduit into Camp Parks at Eigth Street.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15303]

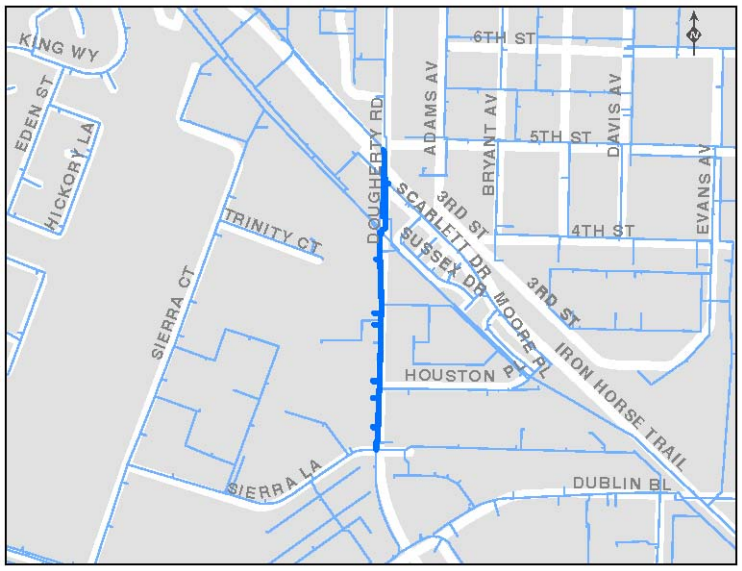
Reference: City of Dublin Dougherty Road Widening Project

Fund Allocation Basis:

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
50,000	60,000	0	0	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$110,000**
Current Adopted Budget	$110,000
Increase/(Decrease)	$0



CATEGORY: WATER SYSTEM **Water Replacement (Fund 610)**

CIP No. 15-W010 Pipeline Replacement Pilot Project

Funding Allocation: 100% 610

Sponsor: Asset Management **Project Manager:** Garry Lee **Status:** Continuing

Project Summary:

As part of asset management implementation, acoustic testing was conducted to determine the condition of two miles of representative asbestos cement (AC) pipe installed in 1961. The acoustic testing indicate that 25% of the tested pipes are in "poor" condition. This project will replace old water lines, valves, services and fire hydrants in Bedford Way and Lisa Court as a pilot project to evaluate the condition of AC pipe identified by acoustic testing as being in “poor” condition, as well as to evaluate the condition of valves which were identified in 1997 as being in a high corrosion area and in need of bonnet bolt replacement. The project will also remove sections of AC pipe for laboratory analysis.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15302].

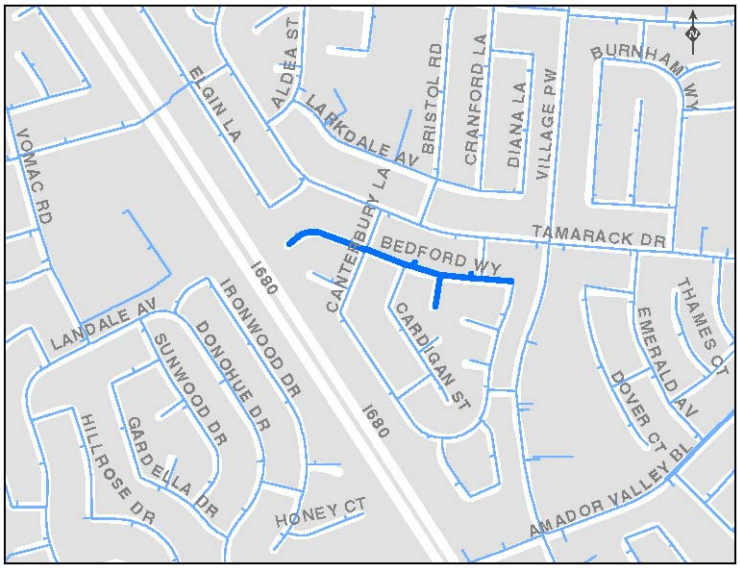
Reference: Strategic Plan.

Fund Allocation Basis:

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
280,000	140,000	0	0	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$420,000**
Current Adopted Budget	$300,000
Increase/(Decrease)	$120,000



CATEGORY: WATER SYSTEM **Water Replacement (Fund 610)**

CIP No. 15-W017 Water Distribution System Water Quality Improvements

Funding Allocation: 100% 610

Sponsor: Field Operations **Project Manager:** Judy Zavadil **Status:** Continuing

Project Summary:

This project will install a chloramination system at Reservoir 1A and low horsepower mixers in Water Reservoirs 1A, 3A, 3B, 10A, 300A and 300B. The District has experienced loss of chlorine residual in the water distribution system. Installing the chloramination system and the mixers will reduce water age in the tanks and facilitate maintaining chlorine residual throughout the system.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15301, 15303].

Reference: None.

Fund Allocation Basis:

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
30,000	566,300	0	0	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$596,300**
Current Adopted Budget	$30,000
Increase/(Decrease)	$566,300

CATEGORY: WATER SYSTEM **Water Replacement (Fund 610)**

CIP No. T16-36 AMI Repeater

Funding Allocation: 80% 610 10% 310 10% 210

Sponsor: Customer Services **Project Manager:** Vicki Goldman **Status:** New-Initiate

Project Summary:

This project will add a repeater for the Advanced Metering Infrastructure (AMI) system at Reservoir 4A. The development in Schaefer Ranch is problematic for AMI because there is a ridge between some of the properties and the Res3B AMI Base station. The additonal repeater will assure reliable meter reads for the area.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15303].

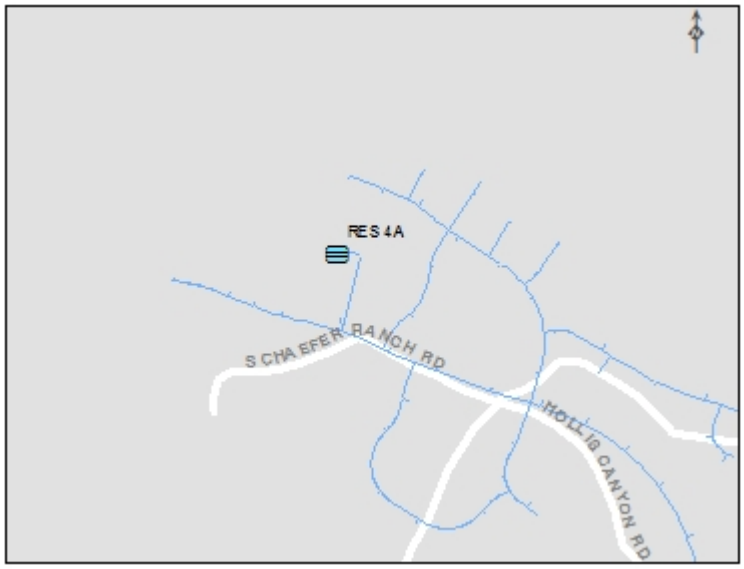
Reference: To be determined.

Fund Allocation Basis:

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	20,000	0	0	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$20,000**
Current Adopted Budget	$0
Increase/(Decrease)	$20,000



CATEGORY: WATER SYSTEM **Water Expansion (Fund 620)**

CIP No. T16-38 DERWA Recycled Water Treatment Facility 6th Filter

Funding Allocation: 100% 620

Sponsor: Plant Operations **Project Manager:** Steven Delight **Status:** New-Initiate

Project Summary:

This project will construct a sixth filter at the Recycled Water Treatment Facility (RWTF). In accordance with the Agreement to Provide Recycled Water Treatment and Delivery Services by and between DERWA and the City of Pleasanton, upon Pleasanton's request, DERWA will cause DSRSD to construct a sixth sand filter in an existing filter bay at the RWTF. Pleasanton has completed design of Phase 1 of its Recycled Water Program and it is anticpated to request the sixth filter within a year. The majority of the project cost will be reimbursed by Pleasanton.

Anticipated CEQA Requirement: To be determined.

Reference: Fifth Supplemental Agreement to Agreement for Wastewater Disposal Services between City of Pleasanton and DSRSD, January 2014

Fund Allocation Basis: Per 5th Supplemental Agreement

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	1,740,000	0	0	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$1,740,000**	**DSRSD Net Cost: $160,000**
Current Adopted Budget	$0	Pleasanton's share is $1,420,000 and DERWA's is $320,000
Increase/(Decrease)	$1,740,000	

CATEGORY: WATER SYSTEM **Water Replacement (Fund 610)**

CIP No. T16-43 Water Supply Reliability

Funding Allocation: 65% 610 35% 620

Sponsor: Office of General Manager **Project Manager:** **Status:** New-Initiate

Project Summary:

This program will fund water supply projects that would permanently reduce the District's reliance on the State Water Project and/or bridge the gap from the present to the time in the future when the State Water Project Delta Conveyance Facilities first go into operation. The primary goal is to maintain or improve upon the District's current water supply reliability level through a diversification of its supply portfolio. Potential projects include improvements to interties with other agencies subsidized, residential rainwater capture, greywater programs, etc.

Anticipated CEQA Requirement: To be determined.

Reference: Long Term Alternative Water Supply Study, 2015.

Fund Allocation Basis:

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	250,000	250,000	0	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$500,000**
Current Adopted Budget	$0
Increase/(Decrease)	$500,000

CATEGORY: WATER SYSTEM **Water Replacement (Fund 610)**

CIP No. T16-46 Microfiltration Membrane Replacement

Funding Allocation: 100% 610

Sponsor: Plant Operations **Project Manager:** Levi Fuller **Status:** New-Initiate

Project Summary:

This project will replace the microfiltration/ultraviolet (MF/UV) facility membranes. The MF/UV system was constructed in 1989. The origianl memebranes were replaced in 1997. The existing membranes should be replaced by 2018.
*The Pleasanton/DERWA share of the cost ($500,500) is based on Agreement for the Sale of Recycled Water by DERWA to DSRSD and EBMUD, July 2003, Article V, construction cost allocation table and the 5th Supplemental Agreement, section 7cii5.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15302].

Reference: Microfiltration Membrane Replacement Evaluation, Carollo Engineers, October 2014.

Fund Allocation Basis: Based on Agreement for the Sale of Recycled Water by DERWA to DSRSD and EBMUD, July 2003, Article V, construction cost allocation table and the 5th Supplemental Agreement, section 7cii5.

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	700,000	0	0	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$700,000**	**DSRSD Net Cost: $199,500**
Current Adopted Budget	$0	Other Funding: Pleasanton/DERWA share of the cost is $500,500.
Increase/(Decrease)	$700,000	

CATEGORY: WATER SYSTEM **Water Replacement (Fund 610)**

CIP No. T16-61 Water System Replacement and Rehabilitation Allowance

Funding Allocation: 100% 610

Sponsor: Field Operations **Project Manager:** Judy Zavadil **Status:** New-Initiate

Project Summary:

This program will fund projects to upgrade, replace and improve water system facilities to ensure the District provides uninterrupted water supply service. This program provides for the renewal, replacement and/or increase in capacity of equipment on an as-needed basis or the upgrade of equipment as it becomes obsolete. This program may also be used to investigate issues that lead to the identification of projects that require the creation of a specific CIP project.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15302].

Reference: District internal inspections; Leak Detection Program; CMMS

Fund Allocation Basis: N/A

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	145,000	145,000	145,000	145,000	145,000	145,000	145,000	145,000	145,000	145,000	10,580,000

Total Estimated Project Cost	**$12,030,000**
Current Adopted Budget	$0
Increase/(Decrease)	$12,030,000

CATEGORY: WATER SYSTEM **Water Replacement (Fund 610)**

CIP No. T16-65 Emergency Response

Funding Allocation: 100% 610

Sponsor: Electrical/Instrumentation **Project Manager:** Maurice Atendido **Status:** New-Initiate

Project Summary:

This project will evaluate the potable water system risk vulnerability to significant natural and man-made hazards, such as earthquakes and prolonged power outages. Power is required for the pump stations to transfer water from the lower to the upper pressure zones. Without electrical power the levels in most of the District's reservoirs will begin falling due to customer demand, eventually impacting fire suppression capabilities. It is anticipated at least one pump station in each pressure zone will be equipped with a fixed emergency generator and automatic transfer switch, and if appropriate, the other pump stations serving a given pressure zone will remain dependent upon a portable generator for emergency service. The District's inventory of portable emergency generators will also be evaluated and expanded if necessary.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15303].

Reference:

Fund Allocation Basis:

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	100,000	100,000	100,000	100,000	100,000	0	0	0	0	0	0

Total Estimated Project Cost	**$500,000**
Current Adopted Budget	$0
Increase/(Decrease)	$500,000

CATEGORY: WATER SYSTEM **Water Expansion (Fund 620)**

CIP No. T16-66 Water Reuse Demonstration Project

Funding Allocation: 100% 620

Sponsor: Capital Improvement Program **Project Manager:** Judy Zavadil **Status:** New-Initiate

Project Summary:

The water reuse treatment demonstration project will (1) develop treatment system design criteria for reuse of District treated water, (2) develop sufficient treated water quality data and work with the relevant regulatory agency, State Water Resources Control Board's Division of Drinking Water, to demonstrate regulatory compliance for reuse of District treated water, and (3) conduct public outreach regarding potable reuse and provide opportunities for the public to see the reuse treatment process, and understand the level of treatment provided and finished water quality. Budget is based on a six-month demonstration project included microfiltration, reverse osmosis, and advanced oxidation located at the District Wastewater Treatment Plant.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline _____].

Reference:

Fund Allocation Basis:

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	100,000	200,000	0	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$300,000**
Current Adopted Budget	$0
Increase/(Decrease)	$300,000

CATEGORY: WATER SYSTEM **Water Expansion (Fund 620)**

CIP No. T00-25 DERWA Recycled Water Plant - Phase 2

Funding Allocation: 100% 620

Sponsor: Plant Operations **Project Manager:** Steven Delight **Status:** Initiate

Project Summary:

This DERWA project will expand the Recycled Water Treatment Facility (RWTF) from its normal 9.7 mgd capacity to 16.5 mgd. DERWA's demands are projected to exceed the capacity of the RWTF in approximatley 3 years. DSRSD will be responsible for the design and construction of the facility expansion. Per the Agreement for the Sale of Recycled Water by DERWA to DSRSD and EBMUD and the DERWA Pleasanton Agreement, the construction and construction management cost of the project will be funded in the same proportion as allocation of future incremental capacity rights.

Anticipated CEQA Requirement: CEQA addendum to 1996 EIR prepared by DSRSD and approved by DERWA.

Reference: 2005 Water Master Plan Update; San Ramon Valley Recycled Water Facilities, July 1996; Dublin Recycled Water Expansion Project, Title XVI Feasibility Study, Recycled Water Treatment and Distribution System Analysis, September 2013.

Fund Allocation Basis: DERWA project - assume DSRSD pays 57% and EBMUD pays 43% based on Agmt for Sale of RW by DERWA to DSRSD and EBMUD, July 28, 2003, Article 5

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	6,156,000	6,306,000	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$12,462,000**	**DSRSD Net Cost: $6,106,380**
Current Adopted Budget	$0	Other Funding: DERWA project - assume DSRSD pays 57% and EBMUD pays 43%. Expected DERWA reimbursement of $6,355,620.
Increase/(Decrease)	$12,462,000	

CATEGORY: WATER SYSTEM **Water Expansion (Fund 620)**

CIP No. T00-26 DERWA Pump Station 1 - Phase 2

Funding Allocation: 100% 620

Sponsor: Plant Operations **Project Manager:** Steven Delight **Status:** Initiate

Project Summary:

This project will expand the Recycled Water Treatment Facility (RWTF) pump station from 9.6 MGD to 16.5 MGD. Per the Agreement for the Sale of Recycled Water by DERWA to DSRSD and EBMUD and the DERWA Pleasanton Agreement, the construction and construction management cost of the project will be funded in the same proportion as allocation of future incremental capacity rights. This project will need to be coordinated with the addition of the RWTF sixth filter.

Anticipated CEQA Requirement: CEQA addendum to 1996 EIR prepared by DSRSD and approved by DERWA.

Reference: 2005 Water Master Plan Update; San Ramon Valley Recycled Water Facilities, July 1996; Dublin Recycled Water Expansion Project, Title XVI Feasibility Study, Recycled Water Treatment and Distribution System Analysis, September 2013.

Fund Allocation Basis: DERWA project - assume DSRSD pays 70% and EBMUD pays 30% based on Agreement for Sale of RW by DERWA to DSRSD and EBMUD, July 28, 2003, Article V

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	2,134,000	0	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$2,134,000**	**DSRSD Net Cost: $1,493,800**
Current Adopted Budget	$0	Other Funding: DERWA expected reimbursement of $640,200.
Increase/(Decrease)	$2,134,000	

CATEGORY: WATER SYSTEM **Water Replacement (Fund 610)**

CIP No. T10-71 District Facilities Security Project - Phase 2

Funding Allocation: 90% 610 10% 310

Sponsor: Plant Operations **Project Manager:** **Status:** Initiate

Project Summary:

This project will 1) review past recommendations for physical security for the potable and recycled water facilities and the sewer lift stations, 2) inventory which recommendations have been implemented, either installed over the last few years or installed as part of the SCADA project (09-6101) and, 3) develop a plan and cost estimate for remaining required improvements. The project cost will be revised in future years to include the cost of construction once the required improvements are defined.

Anticipated CEQA Requirement: To be determined.

Reference: Physical Security Risk Assessment, Pinkerton Consulting, April 2004.

Fund Allocation Basis: Based upon actual construction cost associated with each fund.

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	50,000	0	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$50,000**
Current Adopted Budget	$0
Increase/(Decrease)	$50,000

CATEGORY: WATER SYSTEM **Water Replacement (Fund 610)**

CIP No. T10-88 Water Lines Replacement - Wineberry Area

Funding Allocation: 100% 610

Sponsor: Asset Management **Project Manager:** Steven Delight **Status:** Initiate

Project Summary:

This project will replace lines and services on Wineberry, Cypress Court, Locust Place - South and North, and Mulberry Place. This area has asbestos concrete pipe and has a history of water service repairs.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15302]

Reference:

Fund Allocation Basis: N/A

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	764,100	1,443,100	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$2,207,200**
Current Adopted Budget	$0
Increase/(Decrease)	$2,207,200



CATEGORY: WATER SYSTEM **Water Expansion (Fund 620)**

CIP No. T16-45 DERWA Supplemental Supply

Funding Allocation: 100% 620

Sponsor: Office of General Manager **Project Manager:** Judy Zavadil **Status:** New-Initiate

Project Summary:

This project will provide for a supplemental source of supply to the recycled water program. The recycled water demands are projected to exceed the WWTP inflow during peak months until buildout of the Dublin and Pleasanton service areas. This project will identify and construct necessary facilites to provide supplemental water. It is anticipated the supplemental water will either be pumped from the groundwater fringe basin, diverted from Livermore effluent discharges to LAVWMA, or diverted wastewater from Contra Costa County Sanitary District service area treated at the WWTP.

Anticipated CEQA Requirement: CEQA addendum to 1996 EIR prepared by DSRSD and approved by DERWA.

Reference: DERWA Permanent Supplemental Supplies - completed studies.

Fund Allocation Basis:

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	900,450	0	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$900,450**	**DSRSD Net Cost: $513,450**
Current Adopted Budget	$0	Other Funding: DERWA project and will be funded by DERWA.
Increase/(Decrease)	$900,450	

CATEGORY: WATER SYSTEM **Water Replacement (Fund 610)**

CIP No. 08-6103 Water Main-t16-29 Rd to 12th St

Funding Allocation: 100% 610

Sponsor: Planning and Permitting **Project Manager:** **Status:** Future

Project Summary:

This project will provide additional capacity to meet fire flows deficiencies in central Dublin due to revised fire department regulations. This project will design and install 1,420 feet of 12-inch water main in 12th Street from Sebille Avenue to the east end of 12th Street (northwest corner of U.S. Department of Justice) located in Camp Parks. This project will be coordinated with Camp Parks development.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15302]; NEPA compliance will be required.

Reference: 2005 Water Master Plan Update; Fire Department Regulations; Dependent on findings of current Water Master Plan Update.

Fund Allocation Basis: N/A

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	444,600	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$444,600**
Current Adopted Budget	$359,500
Increase/(Decrease)	$85,100



CATEGORY: WATER SYSTEM **Water Expansion (Fund 620)**

CIP No. 08-6202 Pump Station 20A Improvements

Funding Allocation: 100% 620

Sponsor: Planning and Permitting **Project Manager:** **Status:** Future

Project Summary:

This project will add an additional pump to Pump Station 20A. The pump station was constructed with provisions for the addition of a fourth pump that matches the existing pumps. Pump Station 20B was sized assuming that this additional pump would be installed. The additional pump is needed to meet buildout pumping capacity in Pressure Zone 2 in Eastern Dublin as identified in the 2005 Water Master Plan Update. This project also includes modifications to the motor control center and controls required to accommodate the fourth pump.

Anticipated CEQA Requirement: EIR Certified by City of Dublin 5/10/93.

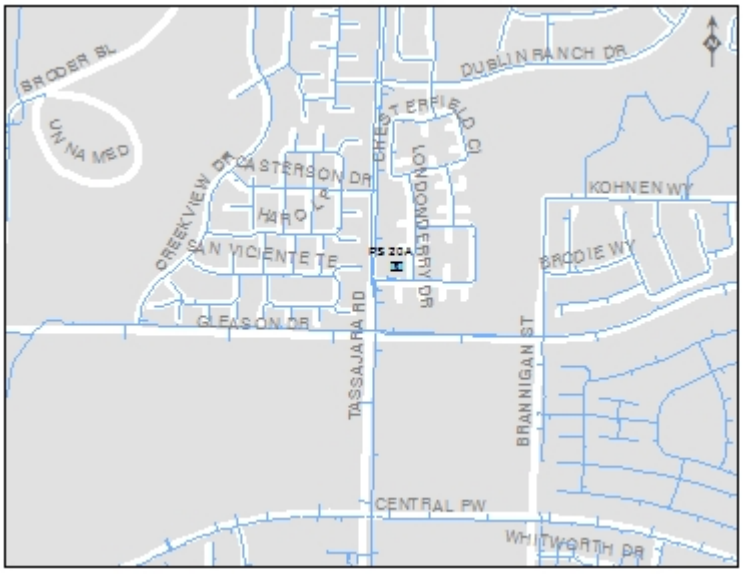
Reference: 2005 Basis of Design Report for Pump Station 20B; 2005 Water Master Plan Update; Eastern Dublin Specific Plan; Dependent on findings of current Water Master Plan Update.

Fund Allocation Basis: N/A

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	360,800	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$360,800**
Current Adopted Budget	$327,500
Increase/(Decrease)	$33,300



CATEGORY: WATER SYSTEM **Water Expansion (Fund 620)**

CIP No. 14-R009 Recycled Water Expansion - Camp Parks Phase 1, Dougherty Road to Davis Avenue

Funding Allocation: 100% 620

Sponsor: Planning and Permitting **Project Manager:** **Status:** Future

Project Summary:

This project will install approximately 1,400 feet of 12-inch recyled water main from Dougherty Road to Davis Street. The project timing will be coordinated with the Camp Parks Master Plan implementation schedule. Staff will seek funding through state and federal grants.

Anticipated CEQA Requirement: NEPA and CEQA may be required.

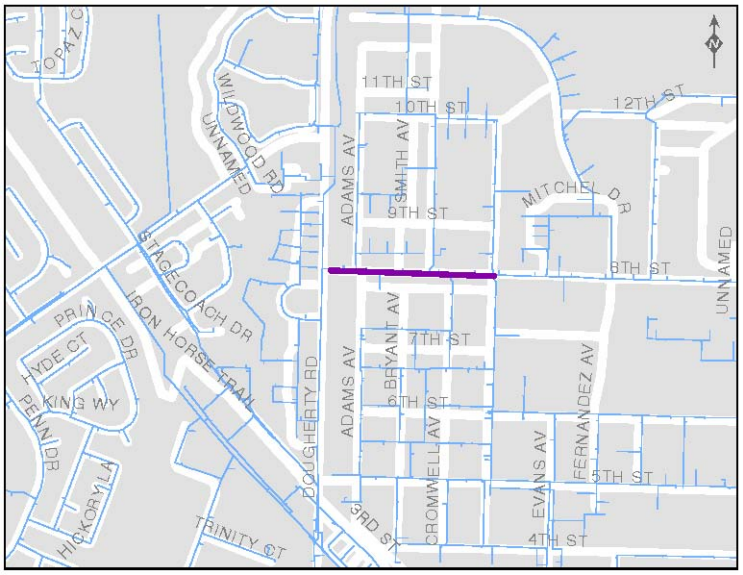
Reference: Camp Parks Master Plan.

Fund Allocation Basis:

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
9,764	0	0	333,500	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$343,264**
Current Adopted Budget	$280,000
Increase/(Decrease)	$63,264



CATEGORY: WATER SYSTEM **Water Replacement (Fund 610)**

CIP No. 14-W006 Reservoir R20 Altitude Valve

Funding Allocation: 100% 610

Sponsor: Field Operations **Project Manager:** **Status:** Future

Project Summary:

This project will install an altitude valve at reservoir R20 in East Dublin. The valve will be a safeguard to prevent accidental overflows. Significant overflows of recycled water must be reported to the RWQCB. The storm drain in the area discharges directly to an environmentally sensitive area and potential for overflows should be minimized. Because the reservoir is buried and there are no vaults in place to install the valve, this project will also install a large vault.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15302]

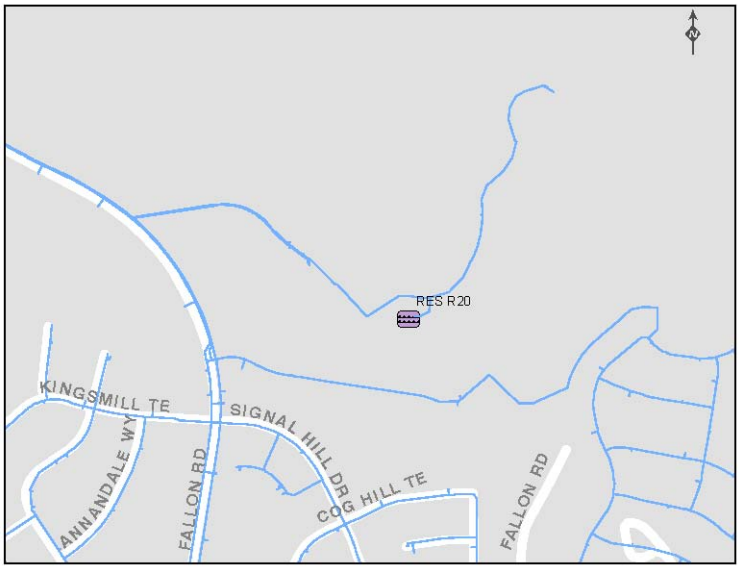
Reference: FOD Manager recommendation.

Fund Allocation Basis: N/A

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	200,000	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$200,000**
Current Adopted Budget	$200,000
Increase/(Decrease)	$0



CATEGORY: WATER SYSTEM **Water Replacement (Fund 610)**

CIP No. 15-R008 Reservoir R200 Chlorination Facility

Funding Allocation: 100% 610

Sponsor: Field Operations **Project Manager:** **Status:** Future

Project Summary:

This project will evaluate and determine the best method to construct a permanent sodium hypochlorite addition facility at Pump Station R200B. The existing temporary hypochlorite addition facilities at PSR200B are located in the pump station building, which present safety and corrosion concerns. In addition, the facilities inject hypochlorite into the pump suction line, which can damage the pumps. The new facilities will be housed in a new masonry hypochlorite building located near the existing pump station discharge line outside the main pump station building. The facilities will include a 500 to 1000 gallon storage tank, metering pump and associated piping, emergency shower and eyewash, ventilation system, and associated electrical, instrumentation and controls tied into the existing pump station PLC and SCADA system. This is a DERWA CIP project and costs will be 100% reimbursed by DERWA.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15303]

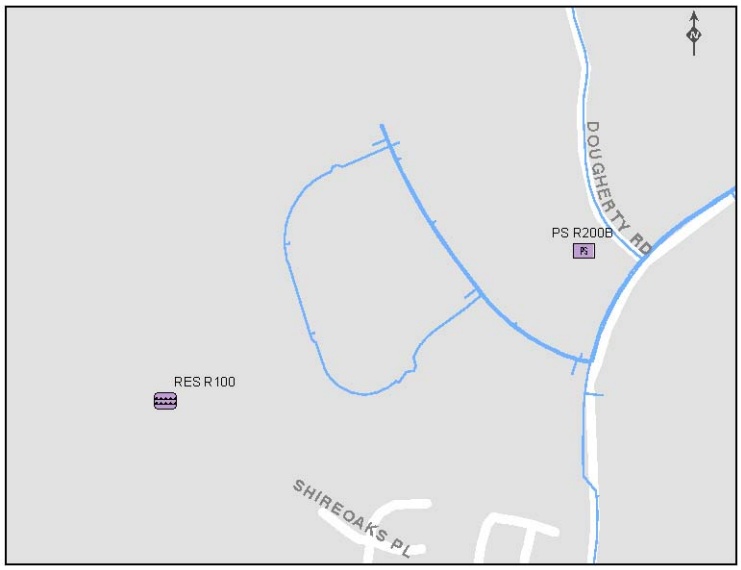
Reference: None

Fund Allocation Basis: Cost will be 100% reimbursed by DERWA

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	410,000	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$410,000**	**DSRSD Net Cost: $205,000**
Current Adopted Budget	$380,000	Other Funding: This is a DERWA CIP project and costs will be 100% reimbursed by DERWA.
Increase/(Decrease)	$30,000	



CATEGORY: WATER SYSTEM **Water Replacement (Fund 610)**

CIP No. T10-85 Camp Parks Water Main - Mitchell Drive, Powell to 8th Streets

Funding Allocation: 100% 610

Sponsor: Planning and Permitting **Project Manager:** **Status:** Future

Project Summary:

This project will install a new 500 feet of 8-inch pipeline in Mitchell Drive north of 8th Street and will include miscellaneous modifications. There have been numerous main repairs required in this area. This project will be coordinated with Camp Parks development.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15302]

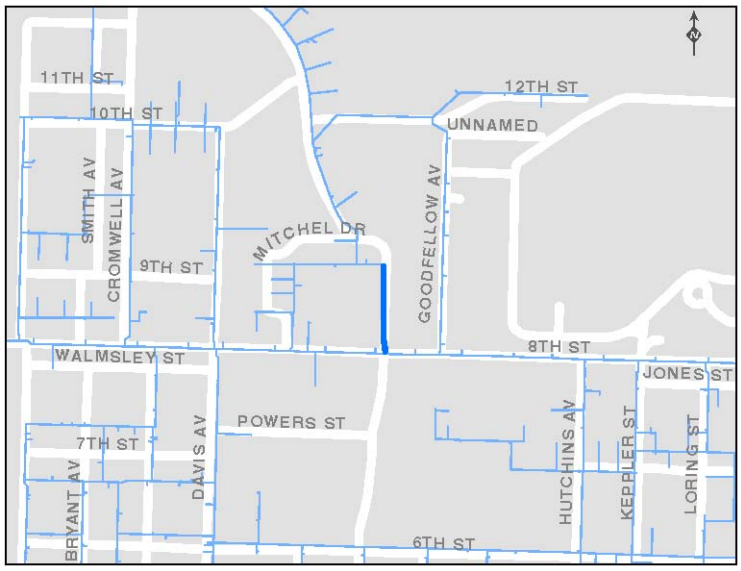
Reference: None

Fund Allocation Basis: N/A

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	170,900	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$170,900**
Current Adopted Budget	$0
Increase/(Decrease)	$170,900



CATEGORY: WATER SYSTEM **Water Replacement (Fund 610)**

CIP No. T16-09 FOD MCC Improvements - PS1A and PS3A

Funding Allocation: 100% 610

Sponsor: Electrical/Instrumentation **Project Manager:** Steven Delight **Status:** New-Future

Project Summary:

The Motor Control Centers (MCCs) at Pump Station 1A and Pump Station 3A are 30+ years old and replacement parts (i.e. starters, circuit breakers, protective devices, power monitoring equipment, etc.) require modifications to existing MCC buckets because exact replacements are no longer readily available. Pump Station 1A is a critical pump station since it is the only Pressure Zone 1 pump station in Western Dublin.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15302].

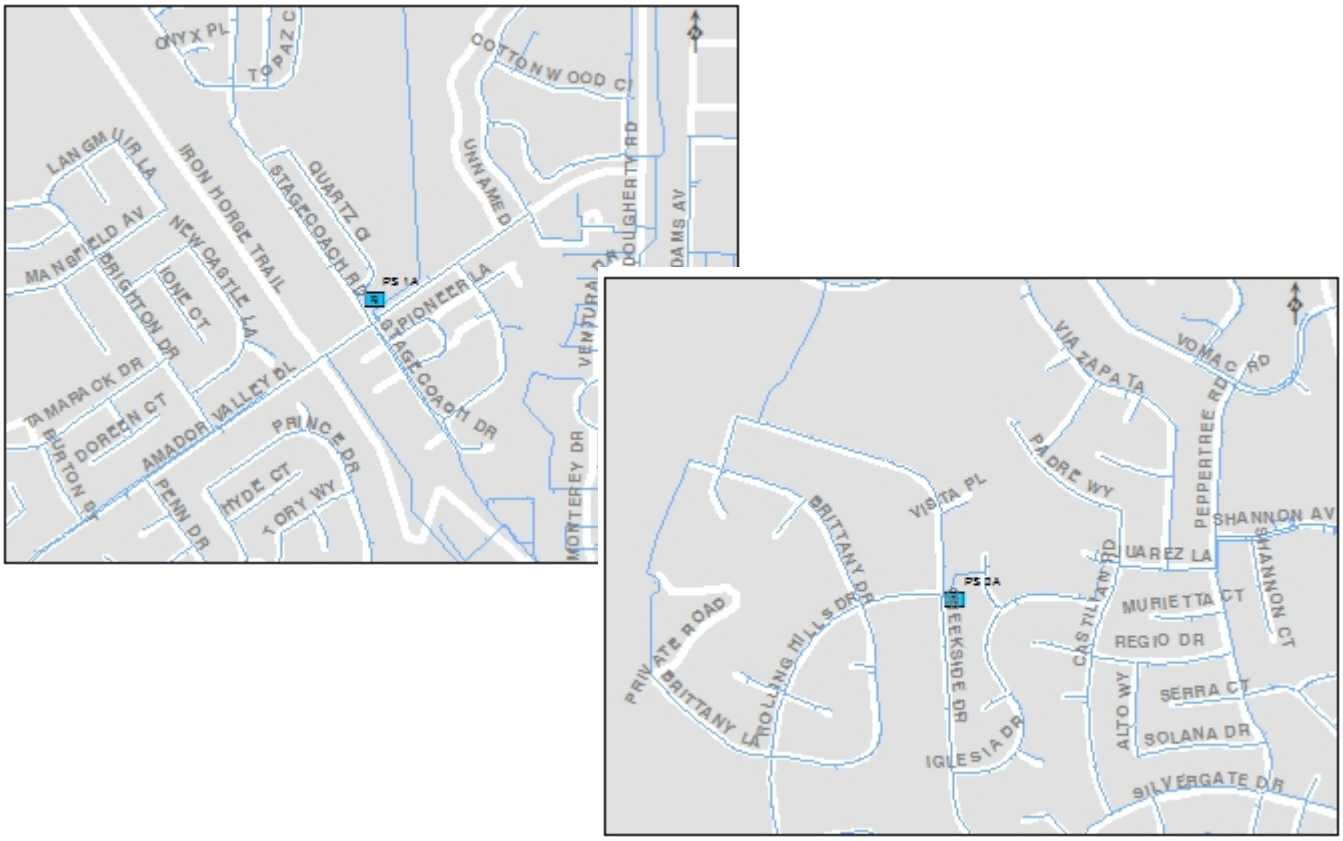
Reference: None.

Fund Allocation Basis:

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	140,000	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$140,000**
Current Adopted Budget	$0
Increase/(Decrease)	$140,000



CATEGORY: WATER SYSTEM **Water Expansion (Fund 620)**

CIP No. 14-R010 Recycled Water Expansion - Camp Parks Phase 2, Powers Street

Funding Allocation: 100% 620

Sponsor: Planning and Permitting **Project Manager:** **Status:** Future

Project Summary:

This project will install approximately 2,200 feet of 12-inch recycled water main in Powers Street from Davis Avenue to Hutchins Avenue. This project will be coordinated with the extension of Powers Street as part of the Camp Parks development. Staff will seek funding through state and federal grants.

Anticipated CEQA Requirement: NEPA and CEQA may be required.

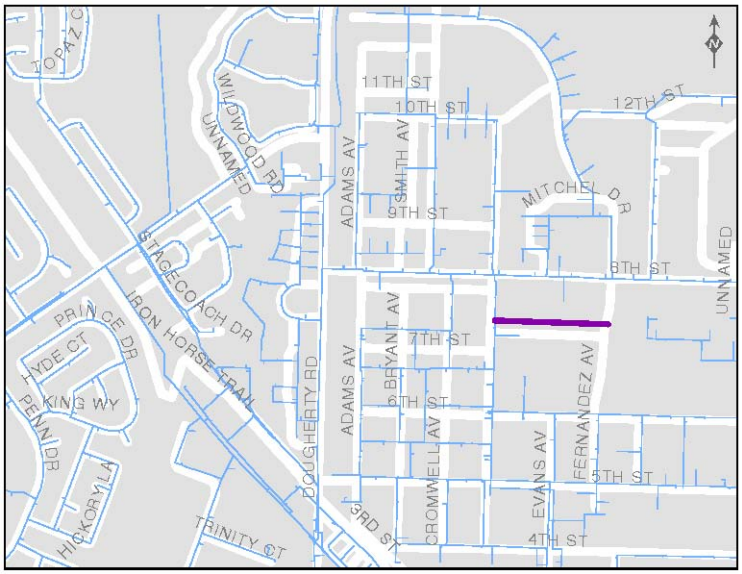
Reference: Camp Parks Master Plan.

Fund Allocation Basis:

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	0	523,700	0	0	0	0	0	0	0

Total Estimated Project Cost	**$523,700**
Current Adopted Budget	$450,000
Increase/(Decrease)	$73,700



CATEGORY: WATER SYSTEM **Water Expansion (Fund 620)**

CIP No. 14-W008 Reservoir 20B

Funding Allocation: 100% 620

Sponsor: Planning and Permitting **Project Manager:** **Status:** Future

Project Summary:

Water Reservoir 20B will provide potable water storage capacity for eastern Dublin and Dougherty Valley, and in combination with Pump Station 300B will provide potable water to Dougherty Valley. A 1.52 million gallon potable water reservoir will be constructed in eastern Dublin. Project implementation will be dependent on future development growth in service areas.

Anticipated CEQA Requirement: CEQA Initial Study/Mitigated Negative Declaration

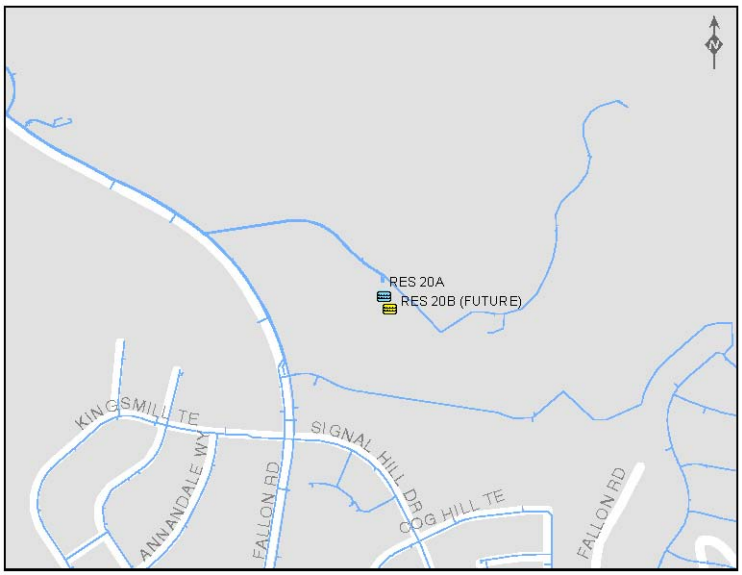
Reference: 2005 Water Master Plan Update; Dependent on findings of current Water Master Plan Update.

Fund Allocation Basis: This project is required to accommodate growth

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	0	655,000	3,495,000	3,000,000	0	0	0	0	0

Total Estimated Project Cost	**$7,150,000**
Current Adopted Budget	$7,150,000
Increase/(Decrease)	$0



CATEGORY: WATER SYSTEM **Water Replacement (Fund 610)**

CIP No. T10-86 Camp Parks Water Mains - Lorring Street and Monroe Avenue

Funding Allocation: 100% 610

Sponsor: Planning and Permitting **Project Manager:** **Status:** Future

Project Summary:

This project will replace 1,200 feet of 8-inch pipelines in Lorring Street and Monroe Avenue, from 7th to 8th Streets, as well pipelines in Jones and 7th Streets. These lines have had several recent breaks and have required numerous repairs. This project will be coordinated with Camp Parks development.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15302]

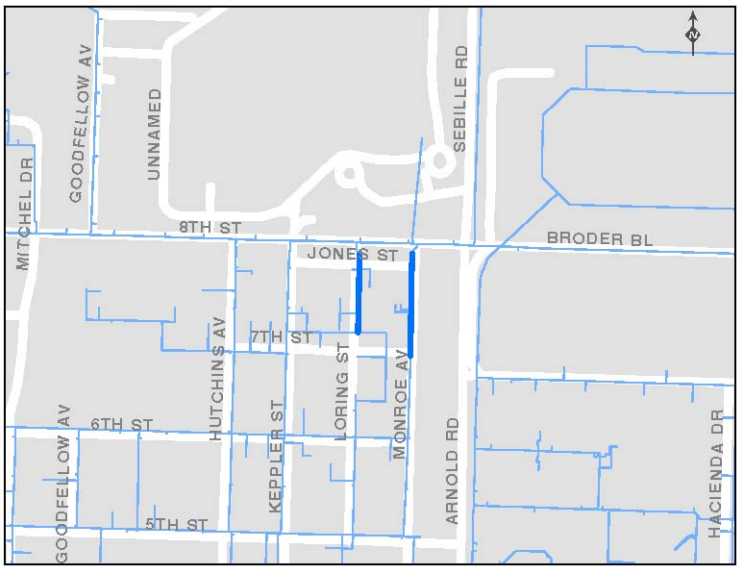
Reference: None

Fund Allocation Basis: N/A

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	0	355,100	0	0	0	0	0	0	0

Total Estimated Project Cost	**$355,100**
Current Adopted Budget	$0
Increase/(Decrease)	$355,100



CATEGORY: WATER SYSTEM **Water Expansion (Fund 620)**

CIP No. T14-16 Recycled Water Expansion - Camp Parks Phase 3, Davis Avenue, 5th to 10th Streets

Funding Allocation: 100% 620

Sponsor: Planning and Permitting **Project Manager:** **Status:** Future

Project Summary:

This project will install approximately 2,400 feet of 8-inch recycled water main in Davis Avenue from 5th Street to 10th Street. This project will connect exiting potable irrigation customers to recycled water. This project will be coordinated with Camp Parks development. Staff will seek funding through state and federal grants.

Anticipated CEQA Requirement: NEPA and CEQA required.

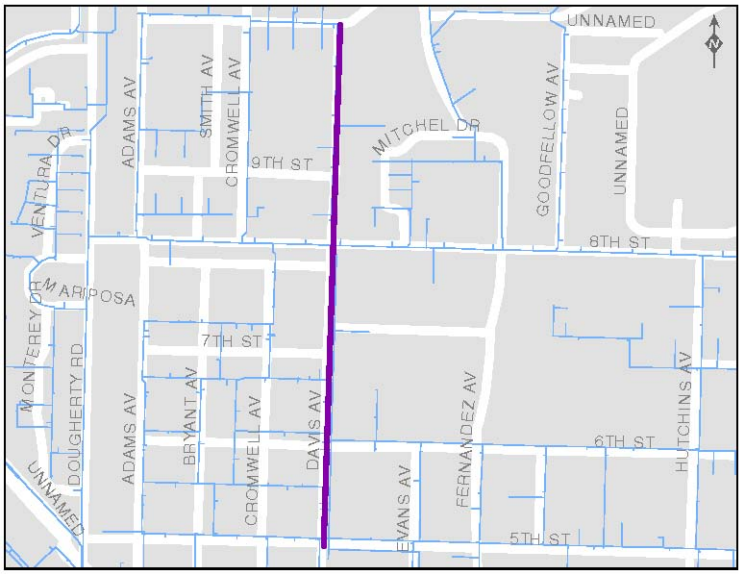
Reference: Camp Parks Master Plan.

Fund Allocation Basis:

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	0	0	527,400	0	0	0	0	0	0

Total Estimated Project Cost	**$527,400**
Current Adopted Budget	$0
Increase/(Decrease)	$527,400



CATEGORY: WATER SYSTEM **Water Replacement (Fund 610)**

CIP No. T16-28 Water Lines Replacement - Tamarack Drive - Village Pkwy to Firethorn Way

Funding Allocation: 100% 610

Sponsor: Asset Management **Project Manager:** **Status:** New-Future

Project Summary:

This project will replace the existing 8" and 10" asbestos cement pipe (ACP) potable water lines in Tamarack Drive from Village Parkway to FirethornWay, along with valves, hydrants, and services. The lines were installed in 1961 . Staff reviewed the pipe repair history, corrosion information and the acoustic evaluation and have concluded that they are near the end of their useful lives and therefore should be replaced.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15302].

Reference: None.

Fund Allocation Basis:

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	0	0	1,101,800	0	0	0	0	0	0

Total Estimated Project Cost	**$1,101,800**
Current Adopted Budget	$0
Increase/(Decrease)	$1,101,800



CATEGORY: WATER SYSTEM **Water Replacement (Fund 610)**

CIP No. T16-29 Water Lines Replacement - Canterbury Lane and Cardigan Street

Funding Allocation: 100% 610

Sponsor: Asset Management **Project Manager:** **Status:** New-Future

Project Summary:

This project will replace the existing 4", 6" and 8" asbestos cement pipe (ACP) potable water lines in Canterbury Lane from Bedford Way to Flanders Way, Cardigan Street, Mayan Court, Flanders Way, and Cardigan Court, along with valves, hydrants, and services. The lines were installed in 1961 . Staff reviewed the pipe repair history, corrosion information and the acoustic evaluation and have concluded that they are near the end of their useful lives and therefore should be replaced.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15302].

Reference: None.

Fund Allocation Basis:

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	0	0	1,189,580	0	0	0	0	0	0

Total Estimated Project Cost	**$1,189,580**
Current Adopted Budget	$0
Increase/(Decrease)	$1,189,580



CATEGORY: WATER SYSTEM **Water Expansion (Fund 620)**

CIP No. 05-6204 Water Main-Bollinger Canyon Rd. to Reservoir 200B

Funding Allocation: 100% 620

Sponsor: Planning and Permitting **Project Manager:** **Status:** Future

Project Summary:

This project will provide potable water service to Dougherty Valley Pressure Zone 2. Approximately 1,700 feet of 14-inch water main will be designed and installed from Bollinger Canyon Road south to Reservoir 200B. The project is being constructed by Shapell Industries with an agreement to reimburse them with connection fee credits for project costs when the facilities are dedicated to the District. Half of the pipeline, from the tank to the future Dougherty Road alignment, has been constructed. The remaining section of the pipeline will be be constructed when the future Dougherty Road is completed.

Anticipated CEQA Requirement: EIR certified by Contra Costa County 11/30/97.

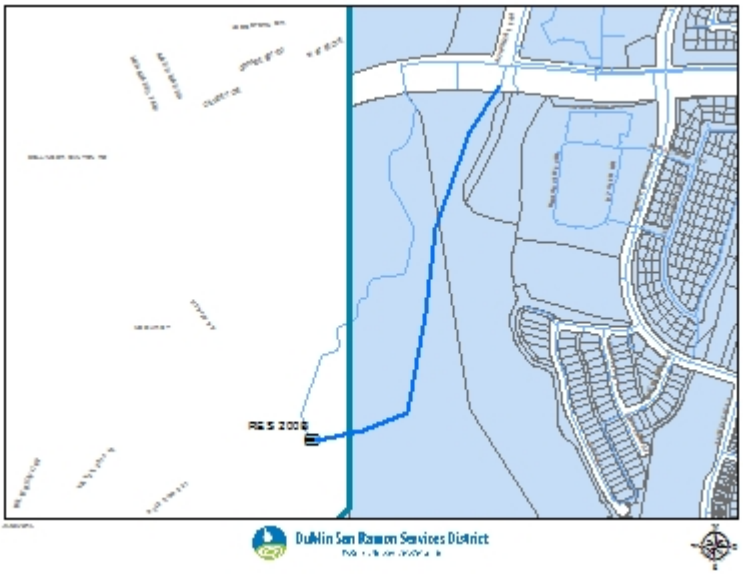
Reference: 1992 Dougherty Valley Water, Wastewater & Recycled Water Facilities Plan; 2005 Water Master Plan Update; Dependent on findings of current Water Master Plan Update.

Fund Allocation Basis: N/A

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
2,623	0	0	0	0	0	650,500	0	0	0	0	0

Total Estimated Project Cost	**$653,123**
Current Adopted Budget	$250,900
Increase/(Decrease)	$402,223



CATEGORY: WATER SYSTEM **Water Replacement (Fund 610)**

CIP No. T10-87 Camp Parks Cromwell Avenue and 12th Street Main Replacement

Funding Allocation: 100% 610

Sponsor: Planning and Permitting **Project Manager:** **Status:** Future

Project Summary:

This project will replace 2,800 feet of 6-inch asbestos concrete lines west of Cromwell Avenue between 10th and 12th Streets, and in 12th Street west of Cromwell Avenue to north of Davis Avenue. These lines have a history of frequent breaks and repairs, several have been shear type breaks. This project will be coordinated with Camp Parks development.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15302].

Reference: Camp Parks Privatization Study, WBA, July 1998.

Fund Allocation Basis: N/A

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	0	0	0	513,650	0	0	0	0	0

Total Estimated Project Cost	**$513,650**
Current Adopted Budget	$790,000
Increase/(Decrease)	($276,350)

CATEGORY: WATER SYSTEM **Water Replacement (Fund 610)**

CIP No. T16-30 Water Line Replacement Phase 2 - Canterbury Lane

Funding Allocation: 100% 610

Sponsor: Asset Management **Project Manager:** **Status:** New-Future

Project Summary:

This project will replace the existing 4", 6" and 8" asbestos cement pipe (ACP) potable water lines in Canterbury Lane from Flanders Way to Bedford Way, Bedford Way from Canterbury to Alene Street, Hastings Way, Sutton Lane, Jansmine Court, and Canterbury Court, along with valves, hydrants, and services. The lines were installed in 1961 . Staff reviewed the pipe repair history, corrosion information and the acoustic evaluation and have concluded that they are near the end of their useful lives and therefore should be replaced.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15302].

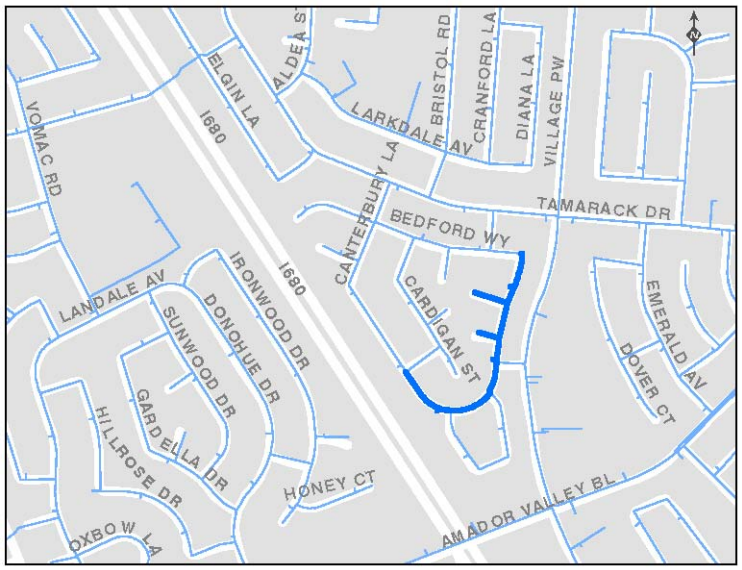
Reference: None.

Fund Allocation Basis:

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	0	0	0	1,208,740	0	0	0	0	0

Total Estimated Project Cost	**$1,208,740**
Current Adopted Budget	$0
Increase/(Decrease)	$1,208,740



CATEGORY: WATER SYSTEM **Water Replacement (Fund 610)**

CIP No. T16-31 Water Line Replacement - Ironwood Drive

Funding Allocation: 100% 610

Sponsor: Asset Management **Project Manager:** **Status:** New-Future

Project Summary:

This project will replace the existing 4", 6" and 8" asbestos cement pipe (ACP) potable water lines in Ironwood, Drive, Irving Way, Honey Court, and Ironwood Court, along with valves, hydrants, and services. The lines were installed in 1960 . Staff reviewed the pipe repair history, corrosion information and the acoustic evaluation and have concluded that they are near the end of their useful lives and therefore should be replaced.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15302].

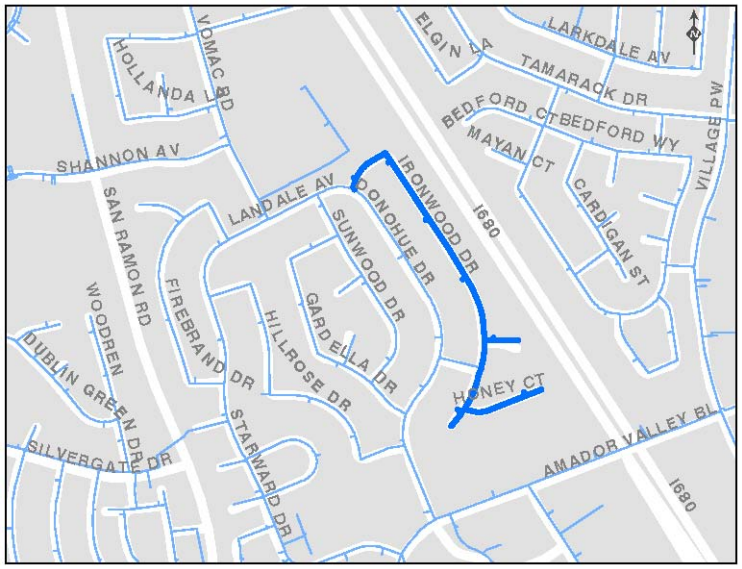
Reference:

Fund Allocation Basis:

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	0	0	0	0	0	0	1,210,250	0	0

Total Estimated Project Cost	**$1,210,250**
Current Adopted Budget	$0
Increase/(Decrease)	$1,210,250



CATEGORY: WATER SYSTEM **Water Replacement (Fund 610)**

CIP No. T16-37 Microfiltration Rack and Membrane Replacement

Funding Allocation: 100% 610

Sponsor: Plant Operations **Project Manager:** **Status:** New-Future

Project Summary:

This project will replace the microfiltration/ultraviolet (MF/UV) facility membrane racks with an open platform membrane and replace the membranes. The MF/UV system was constructed in 1989. The membrane racks will be at the end of their useful life by 2025. This project will replace the existing membrane racks with an open platform membrane system which are designed for membrane module interchangeability for more competitive membrane pricing.

Pleasanton/DERWA share of cost $2,502,500 is based on Agreement for the Sale of Recycled Water by DERWA to DSRSD and EBMUD, July 2003, Article V, construction cost allocation table and the 5th Supplemental Agreement, section 7cii5.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guidelines 15301, 15303].

Reference: Microfiltration Membrane Replacement Evaluation, Carollo Engineers, October 2014.

Fund Allocation Basis: Based on Agreement for the Sale of Recycled Water by DERWA to DSRSD and EBMUD, July 2003, Article V, construction cost allocation table; and the DSRSD-Pleasantong 5th Supplemental Agreement, section 7cii5.

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	0	0	0	0	0	0	3,500,000	0	0

Total Estimated Project Cost	**$3,500,000**	**DSRSD Net Cost: $997,500**
Current Adopted Budget	$0	Other Funding: Pleasanton/DERWA share of cost $2,502,500.
Increase/(Decrease)	$3,500,000	

CATEGORY: WATER SYSTEM **Water Expansion (Fund 620)**

CIP No. 08-6203 Water Reservoir 1C

Funding Allocation: 90% 620 10% 610

Sponsor: Planning and Permitting **Project Manager:** **Status:** Future

Project Summary:

This project will provide potable water service to meet the development needs in Central Dublin. This project includes planning, design and installation of a 2.74 million gallon (MG) potable water reservoir and associated appurtenances for Pressure Zone 1 in Central Dublin. As an alternative, the District will design and construct a potable water reservoir for Zone 7 Water Agency's water distribution system in exchange for its Dougherty Reservoir, which is at the proper elevation for DSRSD's Pressure Zone 1 storage needs, but not Zone 7's needs.

Anticipated CEQA Requirement: CEQA Initital Study/Mitigated Negative Declaration may be required.

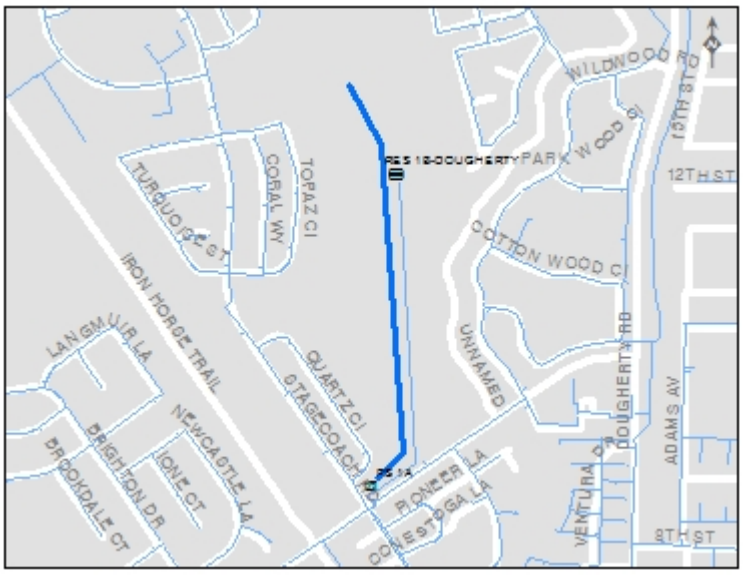
Reference: 2005 Water Master Plan Update; Dependent on findings of current Water Master Plan Update.

Fund Allocation Basis: Fund split based on future Zone 1 capacity needs and increase in fireflow storage for existing commercial customers

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	0	0	0	0	0	0	0	7,433,000	0

Total Estimated Project Cost	**$7,433,000**
Current Adopted Budget	$6,550,000
Increase/(Decrease)	$883,000



CATEGORY: WATER SYSTEM **Water Expansion (Fund 620)**

CIP No. T00-15 Water Main-Dublin Blvd. to Turnout 6

Funding Allocation: 100% 620

Sponsor: Planning and Permitting **Project Manager:** **Status:** Future

Project Summary:

This project will provide water from the Zone 7 system into the eastern Dublin distribution system. Approximately 1,330 feet of 20-inch water main from Turnout 6 to Dublin Blvd will be installed. Project will be dependent on future development growth in service areas.

Anticipated CEQA Requirement: EIR certified by City of Dublin 5-10-93.

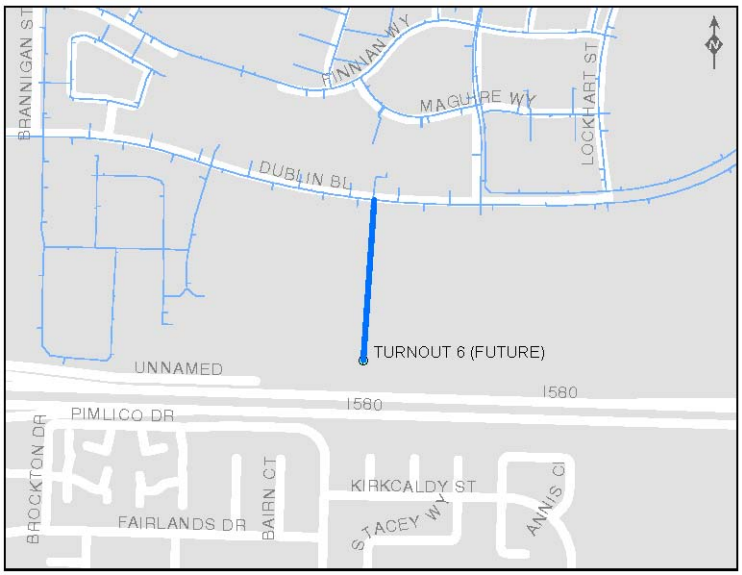
Reference: 2005 Water Master Plan Update; Dependent on findings of current Water Master Plan Update.

Fund Allocation Basis: N/A

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	0	0	0	0	0	0	0	668,850	0

Total Estimated Project Cost	**$668,850**
Current Adopted Budget	$0
Increase/(Decrease)	$668,850



CATEGORY: WATER SYSTEM **Water Replacement (Fund 610)**

CIP No. 00-6130 Reservoir Recoating

Funding Allocation: 100% 610

Sponsor: Field Operations **Project Manager:** **Status:** Future

Project Summary:

This program will fund projects to lengthen the useful life of the potable and recycled water reservoirs, particularly steel reservoirs. Periodic recoating and painting of interior and exterior of reservoirs protects the reservoirs and enhances aesthetics of facilities, particularly near residential areas, and provides corrosion control.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15302].

Reference: Dept. of Health Services inspection report; Video inspection report.

Fund Allocation Basis: N/A

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	0	0	0	0	0	0	0	0	4,386,000

Total Estimated Project Cost	**$4,386,000**
Current Adopted Budget	$0
Increase/(Decrease)	$4,386,000





CATEGORY: WATER SYSTEM **Water Expansion (Fund 620)**

CIP No. T00-23 Water Main-Res 1C to Shady Creek

Funding Allocation: 80% 620 20% 610

Sponsor: Planning and Permitting **Project Manager:** **Status:** Future

Project Summary:

This project will provide the potable water needs for future development in Central Dublin. The project will include planning, design and construction of 660 feet of 12-inch water main from the proposed Reservoir 1C to the intersection of Shady Creek Road and Crossridge Road. Project will be dependent on future development growth in service areas.

Anticipated CEQA Requirement: To be determined.

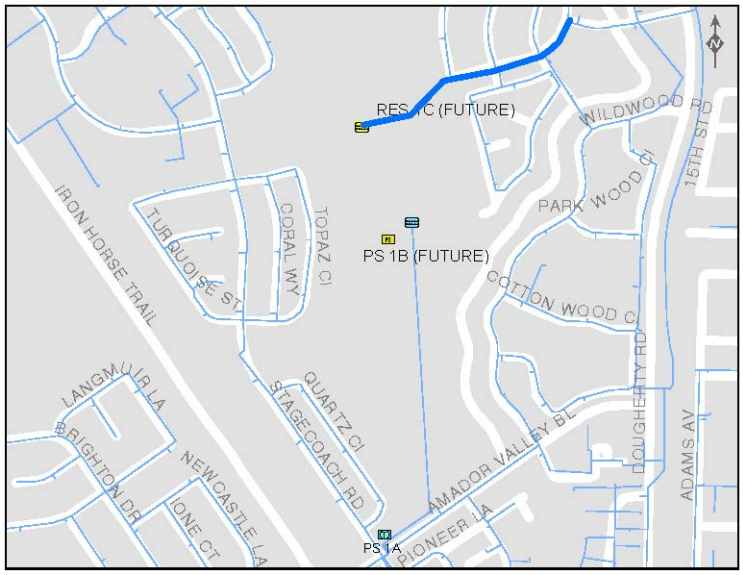
Reference: 2005 Water Master Plan Update; Dependent on findings of current Water Master Plan Update.

Fund Allocation Basis: Fund split based on future expansion for Zone 1 and reliability for existing customers

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	0	0	0	0	0	0	0	0	258,000

Total Estimated Project Cost	**$258,000**
Current Adopted Budget	$0
Increase/(Decrease)	$258,000



CATEGORY: WATER SYSTEM **Water Expansion (Fund 620)**

CIP No. T00-24 Water Main-Res 1C to Stagecoach Rd & S. Lake Dr

Funding Allocation: 90% 620 10% 610

Sponsor: Planning and Permitting **Project Manager:** **Status:** Future

Project Summary:

This project will provide potable water service needs for future development in Central Dublin. This project includes planning, design and installation of approximately 1,020 feet of 12-inch water main from the proposed Reservoir 1C to the intersection of Stagecoach Road and S. Lake Drive. Project implementation will be dependent on future development growth in service areas.

Anticipated CEQA Requirement: To be determined.

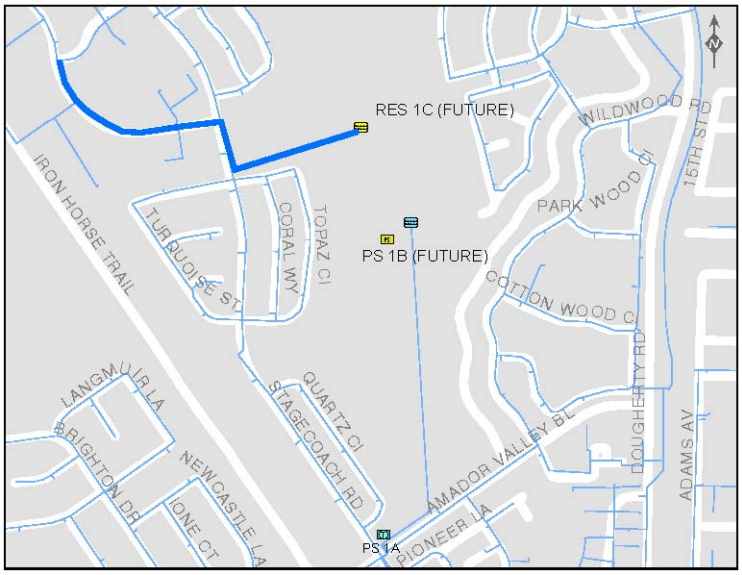
Reference: 2005 Water Master Plan Update; Dependent on findings of current Water Master Plan Update.

Fund Allocation Basis: Fund split based on future expansion for Zone 1 and reliability for existing customers

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	0	0	0	0	0	0	0	0	390,100

Total Estimated Project Cost	**$390,100**
Current Adopted Budget	$0
Increase/(Decrease)	$390,100



CATEGORY: WATER SYSTEM **Water Expansion (Fund 620)**

CIP No. T00-27 Water Pump Station 1B

Funding Allocation: 95% 620 5% 610

Sponsor: Planning and Permitting **Project Manager:** **Status:** Future

Project Summary:

This project will provide potable water service to Central Dublin developments. This project will include planning, design and installation of a 4.32 million gallon per day (mgd) potable water pump station in Central Dublin's Pressure Zone 1 to fill the proposed Water Reservoir 1C. Project will be dependent on future development growth in service areas.

Anticipated CEQA Requirement: To be determined.

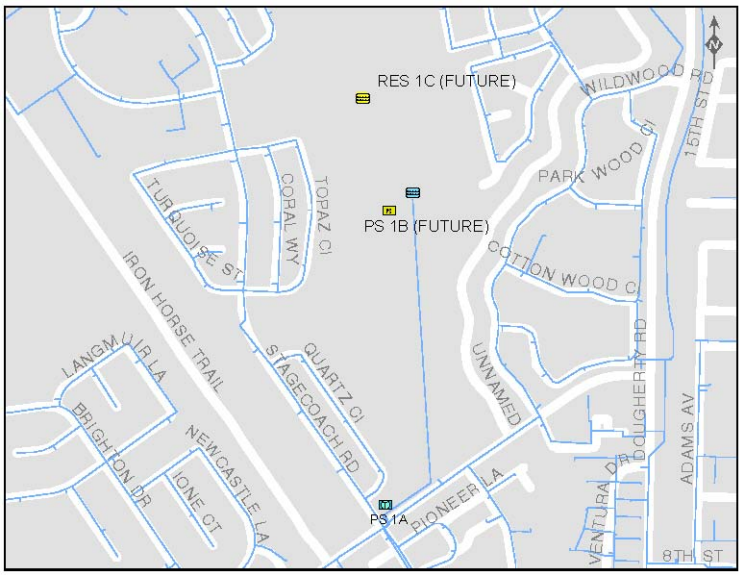
Reference: 2005 Water Master Plan Update; Dependent on findings of current Water Master Plan Update.

Fund Allocation Basis: Fund split based on future expansion for Zone 1 and reliability for existing customers

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	0	0	0	0	0	0	0	0	4,136,000

Total Estimated Project Cost	**$4,136,000**
Current Adopted Budget	$0
Increase/(Decrease)	$4,136,000



CATEGORY: WATER SYSTEM **Water Expansion (Fund 620)**

CIP No. T00-28 Water Main-Turnout 2 to Reservoir 1C

Funding Allocation: 90% 620 10% 610

Sponsor: Planning and Permitting **Project Manager:** **Status:** Future

Project Summary:

This project will provide potable water service needs for future development in Central Dublin. The project will include planning, design and installation of approximately 2,240 feet of 20-inch water main from Turnout 2 to Reservoir 1C to fill the reservoir. This new line will parallel the existing 14-inch water main from Turnout 2 to Reservoir 1B. Project will be dependent on future development growth in service areas.

Anticipated CEQA Requirement: To be determined.

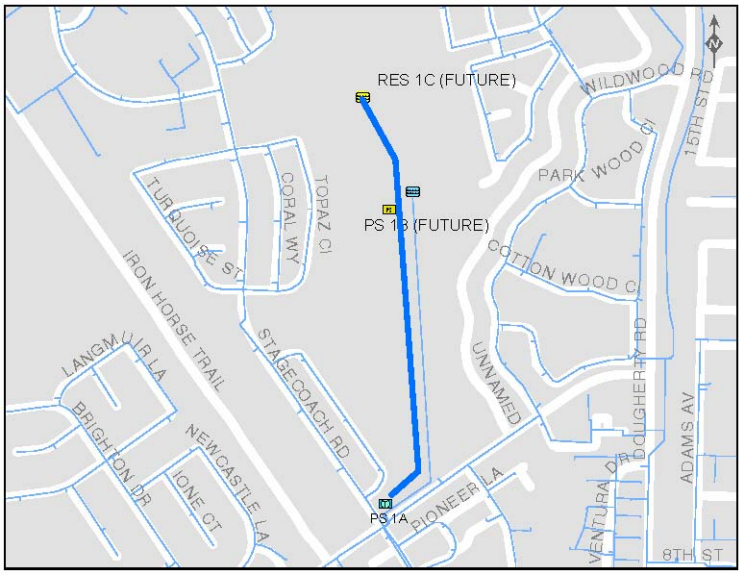
Reference: 2005 Water Master Plan Update; Dependent on findings of current Water Master Plan Update.

Fund Allocation Basis: Fund split based on future expansion for Zone 1 and reliability for existing customers

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	0	0	0	0	0	0	0	0	950,800

Total Estimated Project Cost	**$950,800**
Current Adopted Budget	$0
Increase/(Decrease)	$950,800



CATEGORY: WATER SYSTEM **Water Expansion (Fund 620)**

CIP No. T00-29 Turnout 6

Funding Allocation: 100% 620

Sponsor: Planning and Permitting **Project Manager:** **Status:** Future

Project Summary:

This project will provide water supply for development in eastern Dublin. This turnout will reuse the chemical feed facilities constructed as part of Turnout 5. A turnout from Zone 7 east of Tassajara Road with a a capacity of 6.9 million gallons per day will be installed. Project will be dependent on future development growth in service areas.

Anticipated CEQA Requirement: Previous EIR certified 5-10-93 by City of Dublin.

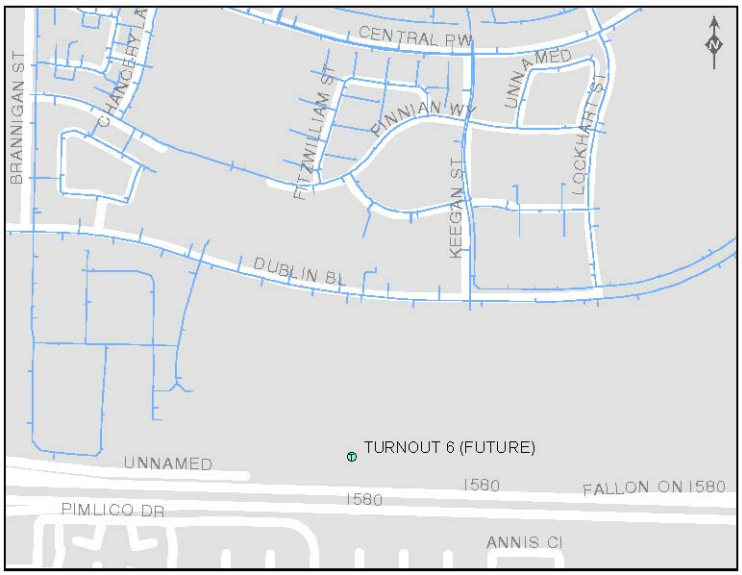
Reference: 2005 Water Master Plan Update; Dependent on findings of current Water Master Plan Update.

Fund Allocation Basis: N/A

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	0	0	0	0	0	0	0	0	2,533,000

Total Estimated Project Cost	**$2,533,000**
Current Adopted Budget	$0
Increase/(Decrease)	$2,533,000



CATEGORY: WATER SYSTEM **Water Replacement (Fund 610)**

CIP No. T16-67 Reservoir Recoating

Funding Allocation: 100% 610

Sponsor: Field Operations **Project Manager:** **Status:** Future

Project Summary:

This project will recoat the interiors and paint the exteriors of potable and recycled reservoirs. The recoating and painting will provide corrosion control, extend the reservoir useful life and maintain facility aesthetics. There are six reservoirs, 20A, 30A, 300A, 1A, 3A and 3B, that will require recoating from FYE 2026 through FYE 2030.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15302].

Reference: Dept. of Health Services Inspection report; video inspection report.

Fund Allocation Basis:

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	0	0	0	0	0	0	0	0	4,386,000

Total Estimated Project Cost	**$4,386,000**
Current Adopted Budget	$0
Increase/(Decrease)	$4,386,000



CIP 10-YEAR PLAN FYEs 2016 through 2025

CATEGORY: WASTEWATER COLLECTION

CIP No.	Project Name	Page
2-Year Projects		
08-2102	OSH Sewer Replacement	97
T16-17	Davona-Berwick 8" Sewer Replacement	98
T16-59	Wastewater Collection System Replacement and Rehabilitation Allowance	99
T16-64	Dublin Trunk Sewer Rehabilitation	100
T16-69	Camp Parks Sewer Repair	101
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14-S001	Camp Parks Sewer Rehabilitation Project - Goodfellow Ave North of 8th Street	102
T16-50	Iron Horse Trail Sewer Replacement	103
T14-02	Camp Parks Sewer Rehabilitation Project - Davis and Cromwell, 8th to 10 Streets	104
T16-51	Alcosta Blvd Sewer Replacement	105
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14-S002	Camp Parks Sewer Rehabilitation Project - Adams 8th to 10th Streets	107
T16-22	Camp Parks 36" Trunk Sewer Rehabilitation	108
T16-25	San Ramon Golf Course 24" Trunk Sewer Rehabilitation	109
T00-76	Dublin Trunk Relief Sewer	110

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CATEGORY: WASTEWATER COLLECTION **Local Wastewater Replacement (Fund 210)**

CIP No. 08-2102 OSH Sewer Replacement

Funding Allocation: 68% 210 32% 220

Sponsor: Planning and Permitting **Project Manager:** Rudy Portugal **Status:** Continuing

Project Summary:

This project will relieve current capacity deficiencies in the existing sewer located in Golden Gate Drive from Dublin Blvd. to St. Patrick Way. This project will install new 450 feet of 8-inch sanitary sewer mains in St. Patrick Way from Golden Gate Drive to Amador Plaza Road. The project timing is based upon development around the West Dublin BART station.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15302].

Reference: 2005 Wastewater Collection System Master Plan Update

Fund Allocation Basis: Fund split is based upon the current usage of the sewer as compared to the available capacity.

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
115,400	200,000	0	0	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$315,400**
Current Adopted Budget	$315,400
Increase/(Decrease)	$0



CATEGORY: WASTEWATER COLLECTION **Local Wastewater Replacement (Fund 210)**

CIP No. T16-17 Davona-Berwick 8" Sewer Replacement

Funding Allocation: 100% 210

Sponsor: Asset Management **Project Manager:** Garry Lee **Status:** New-Initiate

Project Summary:

Approximately 175 feet of existing 8-inch vitirified clay pipe sewer, constructed in 1969 and located in an easement along the north side of a flood control channel, has a significant sag that may be the result of the channel bank movement. It is on the Operations Department's "Trouble Spot" list for monthly cleaning to prevent sanitary sewer overflows. The project will replace that sewer beginning at a manhole in Davona Drive (San Ramon) located approximately 170 feet south of Bridgeport and continue approximately 175 feet east along the channel (MH T16D1-15 to MH T16D1-14). The project will evaluate alternatives including construction of a new sewer in Davona and redirecting flow south to an existing MH (T17B1-25), which may require coring through an existing box culvert, or an inverted siphon.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15302].

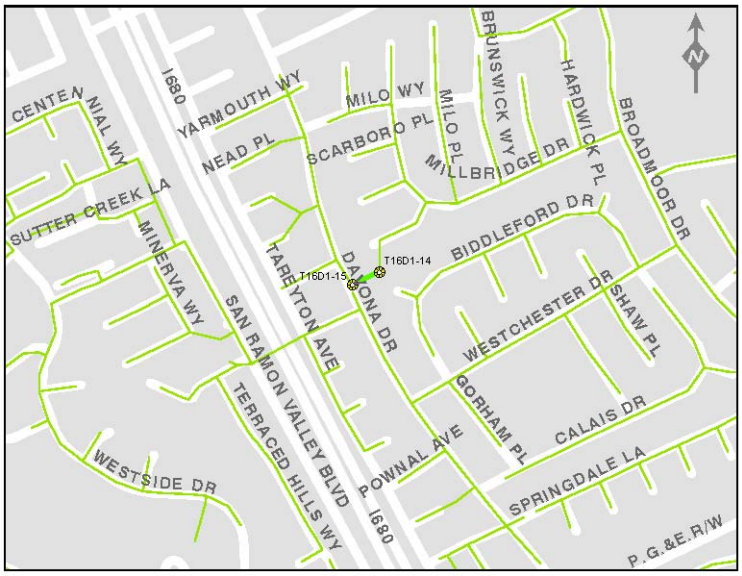
Reference: District internal inspections, CMMS data

Fund Allocation Basis:

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	81,900	0	0	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$81,900**
Current Adopted Budget	$0
Increase/(Decrease)	$81,900



CATEGORY: WASTEWATER COLLECTION **Local Wastewater Replacement (Fund 210)**

CIP No. T16-59 Wastewater Collection System Replacement and Rehabilitation Allowance

Funding Allocation: 100% 210

Sponsor: Field Operations **Project Manager:** **Status:** New-Initiate

Project Summary:

This project will insure that uninterrupted sewer collection service is provided and will include, but are not limited to, repairing leaking pipes, pipe joints and manholes to reduce the amount of infiltration and inflow rates, which will reduce operating costs at the WWTP and extend the LAVWMA wet weather capacity. Sewer lines and manholes will be repaired or replaced as identified by District staff annually.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15302].

Reference: District internal inspections, CMMS

Fund Allocation Basis:

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	700,000

Total Estimated Project Cost	**$2,200,000**
Current Adopted Budget	$0
Increase/(Decrease)	$2,200,000

CATEGORY: WASTEWATER COLLECTION **Local Wastewater Replacement (Fund 210)**

CIP No. T16-64 Dublin Trunk Sewer Rehabilitation

Funding Allocation: 100% 210

Sponsor: Asset Management **Project Manager:** Garry Lee **Status:** New-Initiate

Project Summary:

This project will rehabilitate 7,945 feet of 33 to 42-inch diameter Dublin trunk sewer. The project extends from Village Parkway and Tamarack Drive south to Village Parkway and Clark Ave, then from Clark Ave under Highway 580 to Commerce Circle in Pleasanton. The project also includes rehabilitation of the sewer from the intersection of the Dublin and Camp Parks trunk sewers to the WWTP entrance. The Dublin trunk sewer was installed in 1960 and 1961. The sewer has deteriorated and has significant spalling and exposed reinforcing steel in locations. The project will first evaluate alternatives for pipeline lining, by-pass pumping, and construction phasing. Based on this evaluation, the construction methods and phasing may be modified as the project progresses.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline _____].

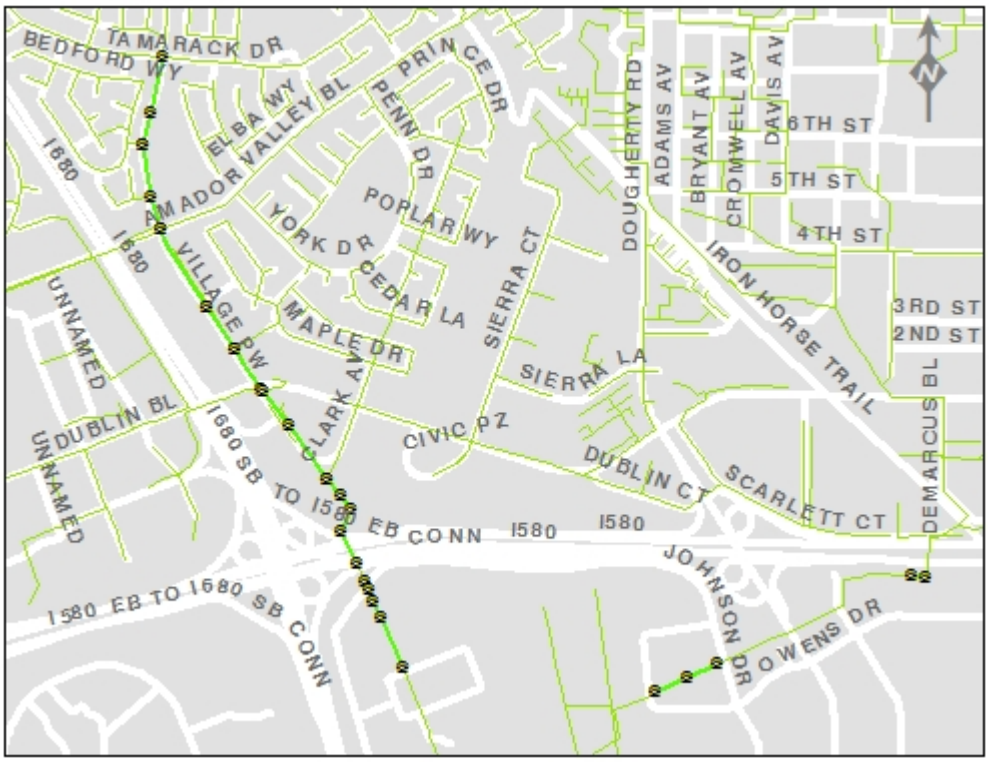
Reference: To be determined.

Fund Allocation Basis:

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	200,000	604,200	938,200	623,600	1,066,700	978,700	0	0	0	0	0

Total Estimated Project Cost	**$4,411,400**
Current Adopted Budget	$0
Increase/(Decrease)	$4,411,400



CATEGORY: WASTEWATER COLLECTION **Local Wastewater Replacement (Fund 210)**

CIP No. T16-69 Camp Parks Sewer Repair

Funding Allocation: 100% 210

Sponsor: Asset Management **Project Manager:** Rudy Portugal **Status:** New-Initiate

Project Summary:

The project would repair/rehabilitate a 24-inch VCP pipe in Camp Parks (W20C1-26 to 25) that was broken with hinged fractures and out of round. It is located downstream from MH W20C1-26, for approximately 100 feet downstream, about 25 feet' of which is under a creek, and just upstream of the Camp Parks equipment storage and maintenance facility . The line is a total of 282 feet. The project will evaluate alternatives for spot repair or temporary rehabilitation to prevent collapse.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15302].

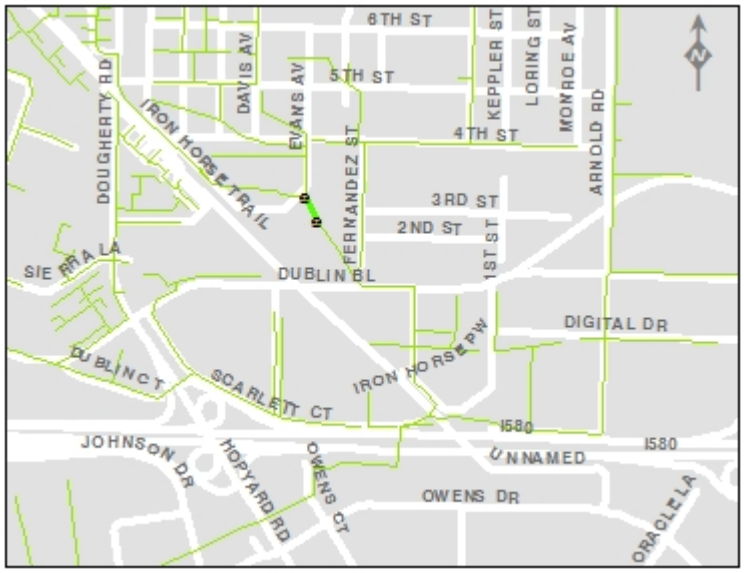
Reference: District CCTV Inspection

Fund Allocation Basis:

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	244,000	0	0	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$244,000**
Current Adopted Budget	$0
Increase/(Decrease)	$244,000



CATEGORY: WASTEWATER COLLECTION **Local Wastewater Replacement (Fund 210)**

CIP No. 14-S001 Camp Parks Sewer Rehabilitation Project - Goodfellow Ave North of 8th Street

Funding Allocation: 100% 210

Sponsor: Planning and Permitting **Project Manager:** **Status:** Future

Project Summary:

This project will rehabilitate approximately 1,500 feet of 8-inch sewer on Goodfellow Avenue north of 8th Street. It will include fixing the siphon installed by the Federal Corrections Institute (FCI). This pipe has several cracks and fractures leading to high inflow and infiltration rates. Project cost will be dependent on the method of rehabilitation which may be slip line, pipeburst or replacement.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15302].

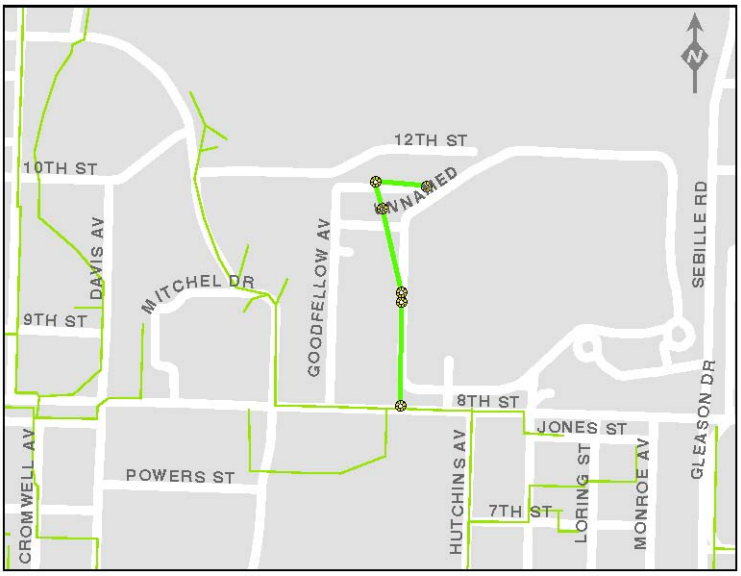
Reference: Camp Parks Privatization Study, WBA, July 1998.

Fund Allocation Basis:

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
794	0	0	389,226	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$390,020**
Current Adopted Budget	$225,000
Increase/(Decrease)	$165,020



CATEGORY: WASTEWATER COLLECTION **Local Wastewater Replacement (Fund 210)**

CIP No. T16-50 Iron Horse Trail Sewer Replacement

Funding Allocation: 100% 210

Sponsor: Asset Management **Project Manager:** **Status:** New-Future

Project Summary:

The project will replace approximately 1650 feet of sewers located just north of the Alameda/Contra Costa County line that cross the Iron Horse Trail and the adjacent creek. The sags in the pipe make it impossible to TV to determine its condition and requires cleaning on frequent basis (3-month trouble spot). The project will replace the sewer and additional sewers upstream as needed to prevent the potential of sanitary sewer overflow (SSO) incidents.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15302].

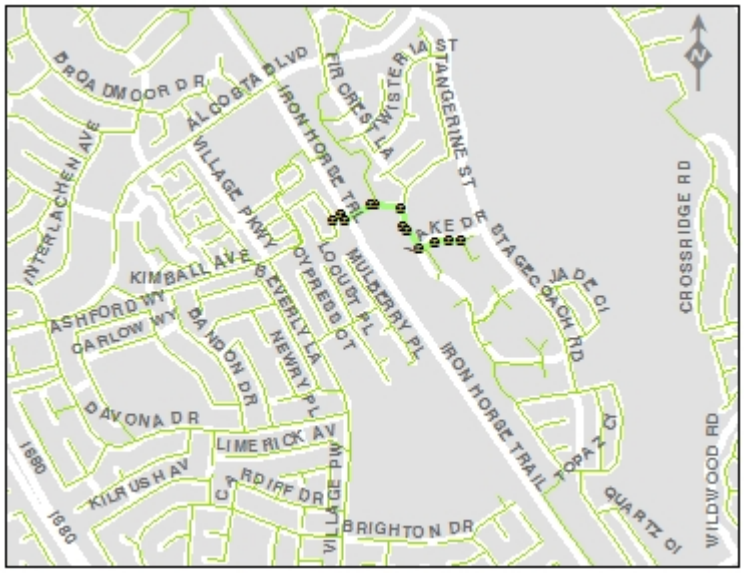
Reference: District internal inspections, CMMS data

Fund Allocation Basis:

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	487,764	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$487,764**
Current Adopted Budget	$0
Increase/(Decrease)	$487,764



CATEGORY: WASTEWATER COLLECTION **Local Wastewater Replacement (Fund 210)**

CIP No. T14-02 Camp Parks Sewer Rehabilitation Project - Davis and Cromwell, 8th to 10 Streets

Funding Allocation: 100% 210

Sponsor: Planning and Permitting **Project Manager:** Rudy Portugal **Status:** Future

Project Summary:

This project will rehabilitate approximately 2,600 feet of 12-inch sewer along Davis and Cromwell Avenues, between 8th and 10th Streets. The existing sewer has several cracks and fractures leading to high inflow and infiltration rates. The project may pipeburst, or slip line, or replace the pipe in its entirety.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15302].

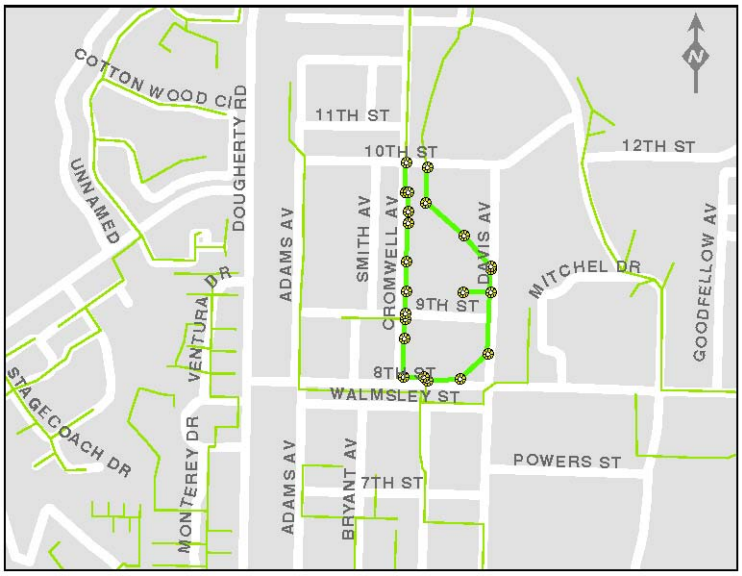
Reference: Camp Parks Privatization Study, WBA, July 1998.

Fund Allocation Basis:

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	0	1,113,500	0	0	0	0	0	0	0

Total Estimated Project Cost	**$1,113,500**
Current Adopted Budget	$0
Increase/(Decrease)	$1,113,500



CATEGORY: WASTEWATER COLLECTION **Local Wastewater Replacement (Fund 210)**

CIP No. T16-51 Alcosta Blvd Sewer Replacement

Funding Allocation: 100% 210

Sponsor: Asset Management **Project Manager:** **Status:** New-Future

Project Summary:

The project will replace approximately 1,250 feet of sewers located in Alcosta Blvd from approximately Village Parkway east to the Iron Horse Trail. The sags in the pipe make it impossible to TV to determine its condition and requires cleaning on frequent basis (3-month trouble spot). The project will replace the sewer as needed to prevent the potential of sanitary sewer overflow (SSO) incidents.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15302].

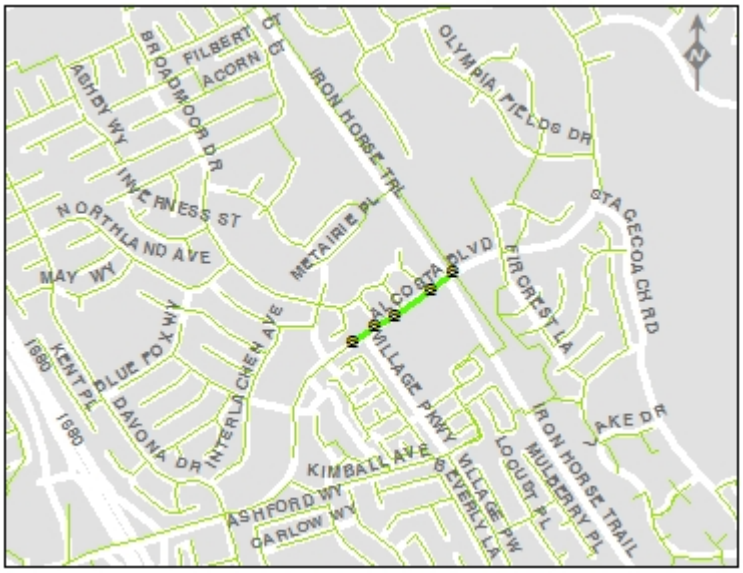
Reference: District internal inspections, CMMS data.

Fund Allocation Basis:

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	0	480,375	0	0	0	0	0	0	0

Total Estimated Project Cost	**$480,375**
Current Adopted Budget	$0
Increase/(Decrease)	$480,375



CATEGORY: WASTEWATER COLLECTION **Local Wastewater Replacement (Fund 210)**

CIP No. 08-2101 Donahue Dr./Vomac Rd. Relief Sewer

Funding Allocation: 100% 210

Sponsor: Planning and Permitting **Project Manager:** **Status:** Future

Project Summary:

This project will investigate and improve the inflow and infiltration (I&I) identified in the 2005 Sewer Master Plan. There are 3 sub-basins that lead to the Donahue/Vomac area. One or all of these sub-basins are contributing to unusually high infiltration and inflow rate. The investigation will likely include additional TV inspection, flow monitoring, and smoke testing. Problem areas identified will be repaired and replaced. It is anticipated that repairs and replacement of 8 and 10 inch sewer mains in the sub-basin will be needed.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15302]

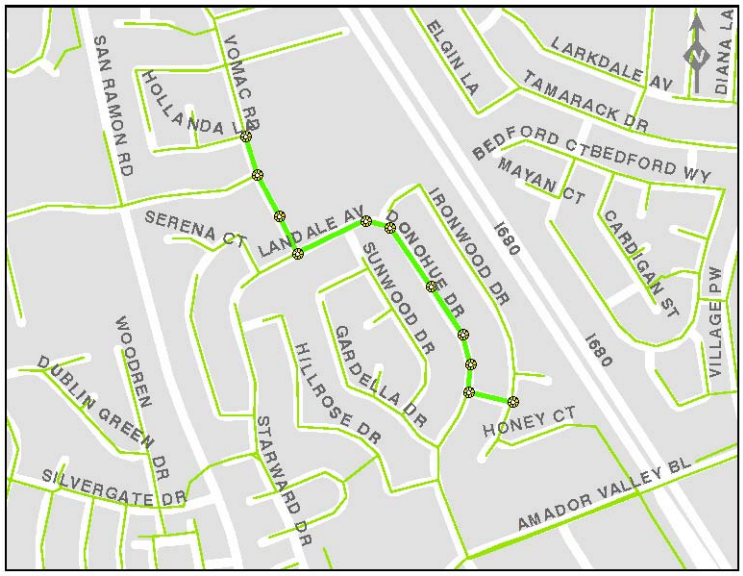
Reference: 2005 Wastewater Collection System Master Plan Update.

Fund Allocation Basis: N/A

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
71,445	0	0	0	0	200,000	450,000	0	0	0	0	0

Total Estimated Project Cost	**$721,445**
Current Adopted Budget	$696,833
Increase/(Decrease)	$24,612



CATEGORY: WASTEWATER COLLECTION **Local Wastewater Replacement (Fund 210)**

CIP No. 14-S002 Camp Parks Sewer Rehabilitation Project - Adams 8th to 10th Streets

Funding Allocation: 100% 210

Sponsor: Planning and Permitting **Project Manager:** Rudy Portugal **Status:** Future

Project Summary:

This project will rehabilitate approximately 1,300 feet of 12-inch sewer along Adams Avenue between 8th and 10th Streets. The existing sewer has several cracks and fractures leading to high inflow and infiltration rates. Project cost will be dependent on the method of rehabilitation which may be slip line, pipeburst or replacement.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15302].

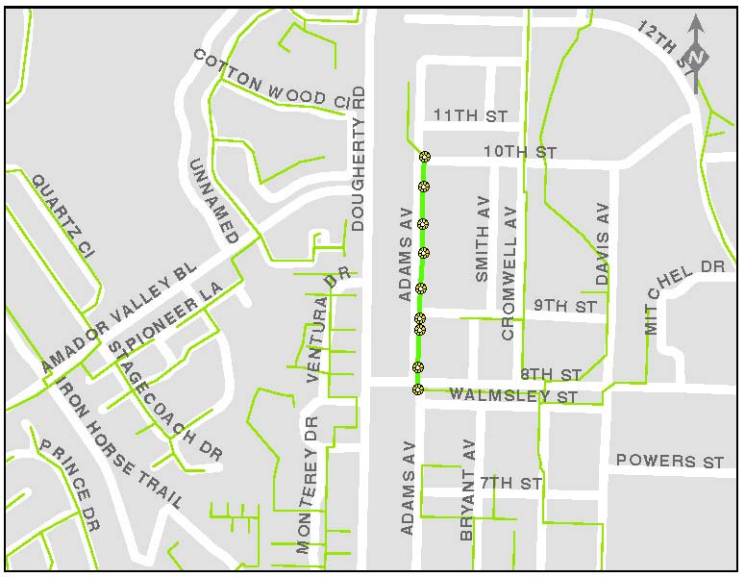
Reference: Camp Parks Privatization Study, WBA, July 1998.

Fund Allocation Basis:

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
36,063	0	0	0	0	0	469,750	0	0	0	0	0

Total Estimated Project Cost	**$505,813**
Current Adopted Budget	$270,000
Increase/(Decrease)	$235,813



CATEGORY: WASTEWATER COLLECTION **Local Wastewater Replacement (Fund 210)**

CIP No. T16-22 Camp Parks 36" Trunk Sewer Rehabilitation

Funding Allocation: 100% 210

Sponsor: Asset Management **Project Manager:** **Status:** New-Future

Project Summary:

These sections of the existing 36-inch PRFTA trunk reinforced concrete pipe (RCP), installed in 1960, have deteriorated with some corrosion visible and significant spalling. The project will rehabilitate approximately 670 feet through portions of Johnson and Hacienda Business Parks. The first pipe reach (Johnson BP) is in an easement that begins just west of Johnson Drive (about 500 feet north of Owens Drive) and continues west almost to Owens Drive (loop) (MH V20D2-5 to V20D2-3). The second pipe section (Hacienda BP) is in an easement just south of I-580 between Owens Court and the Pleasanton BART parking lot (behind Dahlin Group Bldg) (MHV20D2-13 to V20D2-12).

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15302].

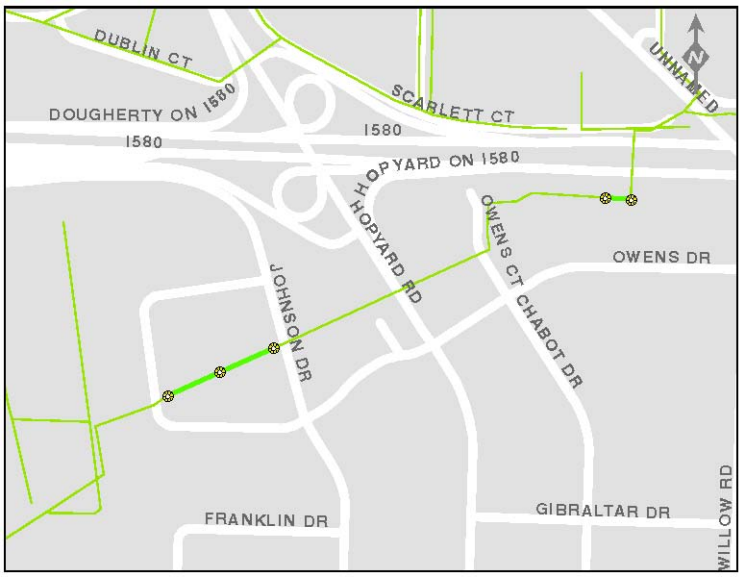
Reference: Results of National Plant Services field investigation (CCTV, sonar, laser) of large diameter sewers

Fund Allocation Basis:

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	0	0	0	351,500	0	0	0	0	0

Total Estimated Project Cost	**$351,500**
Current Adopted Budget	$0
Increase/(Decrease)	$351,500



CATEGORY: WASTEWATER COLLECTION **Local Wastewater Replacement (Fund 210)**

CIP No. T16-25 San Ramon Golf Course 24" Trunk Sewer Rehabilitation

Funding Allocation: 100% 210

Sponsor: Asset Management **Project Manager:** **Status:** New-Future

Project Summary:

This section of existing 36-inch reinforced concrete pipe (RCP) installed in 1961 has deteriorated with corrosion visible and concrete spalling. The project will rehabilitate approximately 470 feet of the Trunk sewer in the Iron Horse Trail at the San Ramon Valley Golf Course from about 1500 feet north of Alcosta Blvd, south to about 1,000 feet north of Alcosta (MHU17A3-2 to U17C2-1).

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15302].

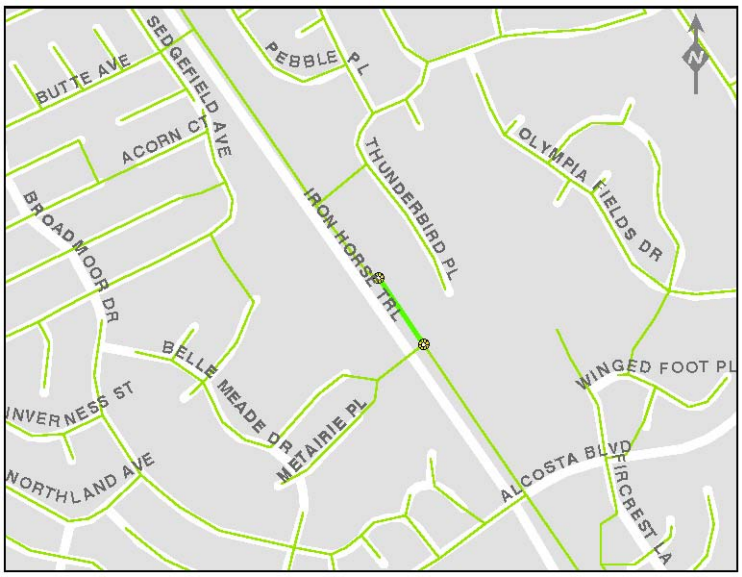
Reference: Results of National Plant Services field investigation (CCTV, sonar, laser) of large diameter sewers

Fund Allocation Basis:

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	0	0	0	0	0	0	181,558	0	0

Total Estimated Project Cost	**$181,558**
Current Adopted Budget	$0
Increase/(Decrease)	$181,558



CATEGORY: WASTEWATER COLLECTION **Local Wastewater Expansion (Fund 220)**

CIP No. T00-76 Dublin Trunk Relief Sewer

Funding Allocation: 100% 220

Sponsor: Planning and Permitting **Project Manager:** **Status:** Future

Project Summary:

The project will construct a relief sewer for the Dublin trunk sewer downstream of the Camp Parks trunk sewer connection located within the District's Dedicated Land Disposal site to an existing 48-inch sewer line within the WWTP, near the East Amador Lift Station. The project consists of approximately 2,100 feet of a 42-inch parallel pipeline. The 2005 Wastewater Collection System Master Plan Update indicated that the Dublin Trunk sewer surcharges in a 20-year return frequency storm. This project is required to comply with the Regional Water Quality Control Board (RWQCB) design requirements and to reduce infiltration and inflow rate.

Anticipated CEQA Requirement: Initial Study may be required.

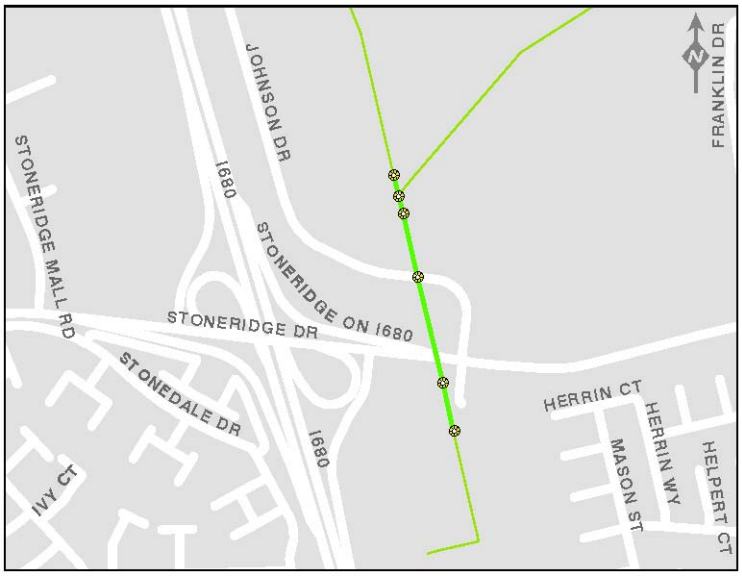
Reference: 2005 Wastewater Collection System Master Plan Update.

Fund Allocation Basis: Based on Master Plan

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	0	0	0	0	0	0	0	0	6,235,000

Total Estimated Project Cost	**$6,235,000**
Current Adopted Budget	$0
Increase/(Decrease)	$6,235,000



CIP 10-YEAR PLAN FYEs 2016 through 2025

CATEGORY: RESOURCE RECOVERY FACILITIES

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CIP 10-YEAR PLAN FYEs 2016 through 2025

CATEGORY: RESOURCE RECOVERY FACILITIES

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CATEGORY: RESOURCE RECOVERY FACILITIES **Regional Wastewater Replacement (Fund 310)**

CIP No. 05-3103 FSL Piping Improvements

Funding Allocation: 100% 310

Sponsor: Plant Operations **Project Manager:** Rudy Portugal **Status:** Continuing

Project Summary:

The Facultative Sludge Lagoons (FSLs) are a biological process that must have monitoring and controls in place to enable the process to be well operated. The return of the cap water from the FSLs has a large impact on the secondary treatment process at the WWTP, which can negatively impact the tertiary treatment of the effluent. This project will install various process controls in the FSL system including: improvements to the return flow overflow systems; replacement of 3W charging valves; addition of new sludge charging valves; and sampling locations for digested sludge and return flows.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15302].

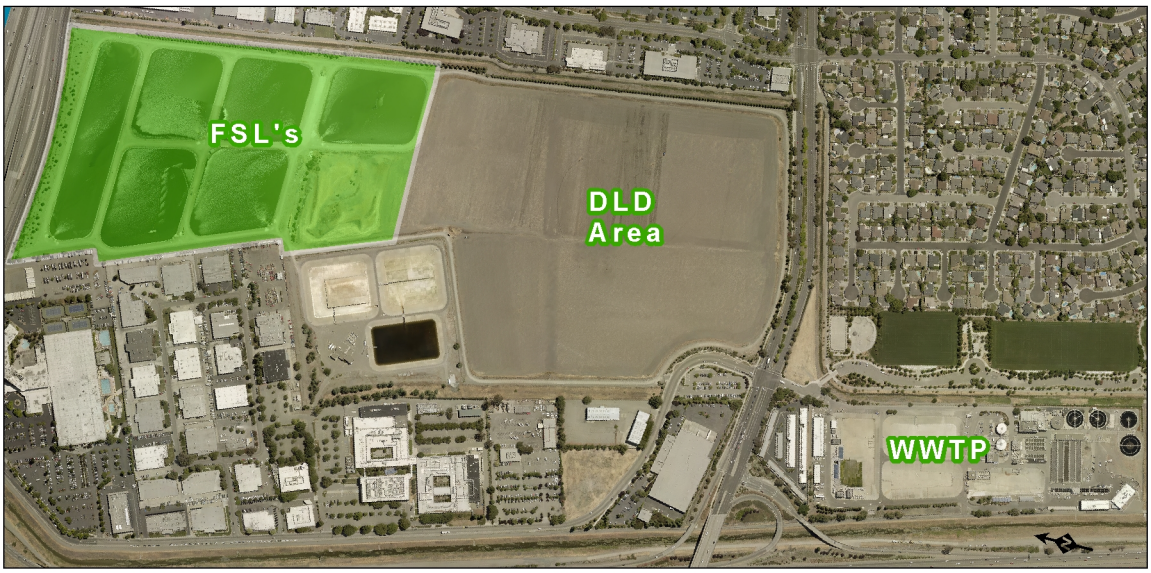
Reference: WWTP Improvements Program.

Fund Allocation Basis: N/A.

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
614,369	50,000	50,000	0	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$714,369**
Current Adopted Budget	$714,369
Increase/(Decrease)	$0



CATEGORY: RESOURCE RECOVERY FACILITIES **Regional Wastewater Replacement (Fund 310)**

CIP No. 05-3206 WWTP SCADA Improvements

Funding Allocation: 100% 310

Sponsor: Electrical/Instrumentation **Project Manager:** Steven Delight **Status:** Continuing

Project Summary:

This project will upgrade the WWTP Supervisory Control and Data Acquisition (SCADA) communication network, replace and program the Programmable Logic Controllers (PLCS), replace the servers, install a new database repository for historical data and acquire a web portal to view SCADA data over the District's business network. The WWTP SCADA servers communicate with the Plant PLCs through ARCNET, a legacy control system for which parts are no longer available and soon will no longer be supported. This project will convert the ARCNET system to an industry standard Ethernet system. This project will also replace the PLCs with Ethernet compatible water/wastewater industry standard PLCs. This project will involve complex construction sequencing to allow for parallel SCADA systems during implementation as the plant processes cannot be interrupted. It will also require thorough testing of the PLC programming and communication system to assure reliable Plant operation after cut-over to the new system.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15302].

Reference: SCADA System Master Plan, March 2010

Fund Allocation Basis: N/A

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
246,216	230,000	1,160,000	1,327,963	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$2,964,179**
Current Adopted Budget	$2,964,179
Increase/(Decrease)	$0

CATEGORY: RESOURCE RECOVERY FACILITIES **Regional Wastewater Expansion (Fund 320)**

CIP No. 07-3201 DSRSD Participation in Regional Biosolids Facility Project

Funding Allocation: 100% 320

Sponsor: Plant Operations **Project Manager:** Steven Delight **Status:** Continuing

Project Summary:

District will participate in the environmental phase of the Regional Biosolids Facility Project with other agencies from the Bay Area. Currently, 19 agencies are committed to the project. This project will diversify the District's options for disposal of processed biosolids. Participation will make the information on the latest technology available to the District and minimize the cost of opening another future disposal option. The environmental phase will evaluate waste to energy options and possible facility sites. This project may eventually buy into a regional facility.

Anticipated CEQA Requirement: Statutory Exemption [CEQA Guideline 15262].

Reference: Biosolids Master Plan - Phase II (CIP 320C100)

Fund Allocation Basis: N/A

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
363,330	50,000	50,000	0	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$463,330**
Current Adopted Budget	$363,330
Increase/(Decrease)	$100,000



CATEGORY: RESOURCE RECOVERY FACILITIES **Regional Wastewater Replacement (Fund 310)**

CIP No. 12-P003 RAS Line Rehabilitation

Funding Allocation: 100% 310

Sponsor: Plant Operations **Project Manager:** Rudy Portugal **Status:** Continuing

Project Summary:

This project will reline approximately 550 feet of 24-inch steel pipeline and replace approximately 250 feet of 14- inch asbestos concrete pipeline which convey the WWTP Return Activated Sludge (RAS). The RAS system is an integral part of the treatment process and the WWTP cannot risk failure of the system. The 24-inch RAS line was inspected during a repair of the line and was was found to be in poor shape with multiple leaks due to coating holidays and corrosion. The structural integrity of the pipe is fair and lining the pipe will extend its life. The existing 14-inch RAS line is constructed of asbestos concrete which is brittle and susceptible to failure during seismic events.

Anticipated CEQA Requirement: Categorical Exemption [CEQA 15302].

Reference:

Fund Allocation Basis: N/A

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
300,000	200,000	0	0	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$500,000**
Current Adopted Budget	$500,000
Increase/(Decrease)	$0



CATEGORY: RESOURCE RECOVERY FACILITIES **Regional Wastewater Replacement (Fund 310)**

CIP No. 13-S004 Pump Stations VFD Replacements

Funding Allocation: 100% 310

Sponsor: Electrical/Instrumentation **Project Manager:** Rudy Portugal **Status:** Continuing

Project Summary:

The project will replace 17 Robicon brand variable frequency drives (VFD) which are used to control pump speed and flow at District facilities. The existing VFDs are currently functioning; however, Robicon went out of business several years ago and no other company picked up support of their product line. Replacement parts cannot be found and there is no technical support. Some of the pumps that are using these VFDs are very important and the District cannot have them out of service. The most important pumps that have these VFDs are the influent pumps, the effluent pumps, and the recycled water pump station, PSR1. The recycled pump station is a DERWA facility and the cost for that replacement will be reimbursed to the District.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15302]

Reference: None

Fund Allocation Basis: Based on location of pumps; 25% of total cost will be DERWA reimbursement for RW pump station PSR1.

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
137,577	134,900	490,700	537,300	745,000	0	0	0	0	0	0	0

Total Estimated Project Cost	**$2,045,477**	**DSRSD Net Cost: $1,898,267**
Current Adopted Budget	$2,045,477	Other Funding: DERWA pays 30% of the cost for PSR1 in FYE17.
Increase/(Decrease)	$0	

CATEGORY: RESOURCE RECOVERY FACILITIES **Regional Wastewater Replacement (Fund 310)**

CIP No. 14-P026 WWTP Pavement Road Improvement

Funding Allocation: 100% 310

Sponsor: Plant Operations **Project Manager:** Jackie Yee **Status:** Continuing

Project Summary:

This project will: repair several areas with pavement failure from the WWTP entry gate to Building A and address drainage issues by adding drainage inlets; seal all paved areas at the WWTP to prolong the life of the pavement; and regrade and repair facultative sludge lagoon and dedicated land disposal site access roads. In 2014, this project widened the road around the hypochlorite tanks and primaries as recommended by the 2013 Suggestion of the Year. In additon, the area south of the aeration basins was graded to allow parking to be moved from an area that is frequently used by large delivery trucks to turn around. The pavement expansion will provide safer turnarounds for delivery trucks without risking damage to WWTP facilities and will prolong the roadway infrastructure around the WWTP.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15302].

Reference: None

Fund Allocation Basis:

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
120,000	407,000	0	0	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$527,000**
Current Adopted Budget	$120,000
Increase/(Decrease)	$407,000

CATEGORY: RESOURCE RECOVERY FACILITIES **Regional Wastewater Replacement (Fund 310)**

CIP No. 14-S013 Secondary Clarifier #3 Rehabilitation

Funding Allocation: 100% 310

Sponsor: Plant Operations **Project Manager:** Rudy Portugal **Status:** Continuing

Project Summary:

The secondary clarifier #3 launder and collector unit mechanism is 25 years old, in poor condition and in need of replacement to ensure adequate sedimentation of the wastewater is achieved. This project will replace secondary clarifier #3 launder with inboard steel launder, and will include scum box replacement, collector modifications and brush cleaner. Additionally, the collector unit including inlet well and flocculation well, collector pipe, flow squeegees, center column, return activated sludge (RAS) pipe support and bridge connection modifications and drive will be replaced.

Anticipated CEQA Requirement: Negative Declaration approved 8/17/99.

Reference: Stage 4 Improvements project (CIP 98CH140) and Final Report: Secondary Sedimentation Tank #2 Launder Replacement Evaluation (November 2004)

Fund Allocation Basis:

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
421,000	938,500	0	0	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$1,359,500**
Current Adopted Budget	$1,000,000
Increase/(Decrease)	$359,500



CATEGORY: RESOURCE RECOVERY FACILITIES **Regional Wastewater Replacement (Fund 310)**

CIP No. 15-P018 Foul Air Line Rehabilitation

Funding Allocation: 100% 310

Sponsor: Plant Operations **Project Manager:** Jackie Yee **Status:** Continuing

Project Summary:

This project will rehabilitate the foul air line which conveys odourous air fom the bar screen building to the biofilter. The foul air is constructed of corrugated plastic line pipeline and the joints have weakened. The foul air has been leaking through the existing pavement and holding basin #2 causing cracking and base failure in the pavement. The foul air line will be assessed for repairs. The rehabilitation may range from sealing joints and sliplining to full replacement, including the reconstruction of the center manhole that is currently inaccessible making it accessible for future repairs and maintenance. The sealed air line will stop pavement damage, provide more efficient treatment through the biofilter, and decrease foul air escaping into the atmosphere that is sometimes noticed by pedestrians on the nearby trail.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15302].

Reference: Operations staff recommendation.

Fund Allocation Basis:

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
26,000	150,000	0	0	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$176,000**
Current Adopted Budget	$55,000
Increase/(Decrease)	$121,000



CATEGORY: RESOURCE RECOVERY FACILITIES **Regional Wastewater Replacement (Fund 310)**

CIP No. T16-33 WWTP Lighting

Funding Allocation: 100% 310

Sponsor: Electrical/Instrumentation **Project Manager:** Maurice Atendido **Status:** New-Initiate

Project Summary:

This project will review the overall lighting at the WWTP and install lighting along the WWTP roadway from the front gate to Building A.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15301].

Reference: Staff recommendation.

Fund Allocation Basis:

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	85,000	0	0	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$85,000**
Current Adopted Budget	$0
Increase/(Decrease)	$85,000



CATEGORY: RESOURCE RECOVERY FACILITIES **Regional Wastewater Replacement (Fund 310)**

CIP No. T16-39 WWTP Fire Alarm System Upgrades

Funding Allocation: 100% 310

Sponsor: Electrical/Instrumentation **Project Manager:** Maurice Atendido **Status:** New-Initiate

Project Summary:

The WWTP currently has four different FACP (fire alarm controls panels) on two separate systems. Two of the FACPs are obsolete and the other two are crude remotes to the primary systems at Bldg A and Bldg R. There are separate dialers with two phones lines (primary and backup) for each system. This configuration complicates the maintenance and testing of the systems. This project will integrate the entire system into a single FACP that could be easily networked and expanded as needed. Some of the existing infrastructure (i.e. smoke detectors, strobes, pull stations, etc.) will be utilized to the extent possible which should reduce cost and labor. The upgrade will also include other items such as adding fire alarm notification devices to the first and second floors of Building A, tying in flow switch (at riser) to FACP, panel programming and drawings.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15301].

Reference:

Fund Allocation Basis:

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	33,000	0	0	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$33,000**
Current Adopted Budget	$0
Increase/(Decrease)	$33,000

CATEGORY: RESOURCE RECOVERY FACILITIES **Regional Wastewater Replacement (Fund 310)**

CIP No. T16-41 FSL Sludge Dewatering

Funding Allocation: 100% 310

Sponsor: Plant Operations **Project Manager:** Judy Zavadil **Status:** New-Initiate

Project Summary:

This project will evaluate options to increase the solids content of the biosolids from the facultative sludge lagoons (FSLs) that are applied to the dedicated land disposal (DLD) site. The biosolids applied to the DLD is limited by the percent solids concentration of the biosolids dredged from the FSLs. This project will look at options to dewater the biosolids to increase the solids content which will assure the district biosolids disposal can keep pace with biosolids production.

Anticipated CEQA Requirement: To be determined.

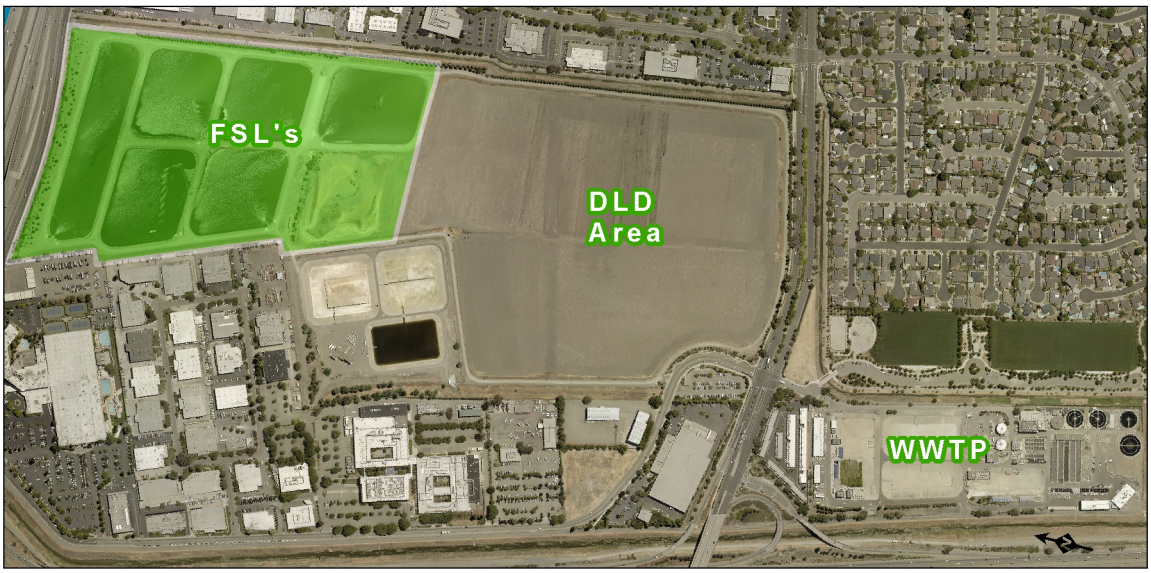
Reference:

Fund Allocation Basis: n/a

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	35,000	0	0	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$35,000**
Current Adopted Budget	$0
Increase/(Decrease)	$35,000



CATEGORY: RESOURCE RECOVERY FACILITIES **Regional Wastewater Replacement (Fund 310)**

CIP No. T16-60 WWTP Replacement and Rehabilitation Allowance

Funding Allocation: 100% 310

Sponsor: Plant Operations **Project Manager:** Judy Zavadil **Status:** New-Initiate

Project Summary:

This program will fund projects to upgrade, replace and improve WWTP facilities to meet operational and permit requirements. Some WWTP equipment is now more than 30 years old. This program provides for the renewal, replacement and/or increase in capacity of process equipment on an as-needed basis or the upgrade of equipment as it becomes obsolete. This program may also be used to investigate issues that lead to the identification of projects that require the creation of a specific CIP project. Increases in future years' allowance reflect anticipated Asset Management Program needs as plant infrastructure ages, combined with specific new projects that will identified by the Wastewater Treatment Plant Master Plan in 2016.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15302].

Reference: Staff recommendation.

Fund Allocation Basis: N/A

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	400,000	400,000	600,000	600,000	700,000	700,000	800,000	800,000	900,000	900,000	5,000,000

Total Estimated Project Cost	**$11,800,000**
Current Adopted Budget	$0
Increase/(Decrease)	$11,800,000

CATEGORY: RESOURCE RECOVERY FACILITIES **Regional Wastewater Expansion (Fund 320)**

CIP No. T16-68 WWTP 5th Secondary Clarifier

Funding Allocation: 50% 320 50% 620

Sponsor: Capital Improvement Program **Project Manager:** Judy Zavadil **Status:** New-Initiate

Project Summary:

This project will construct a 5th secondary clarifier at the WWTP. The 5th secondary clarifier is required to reliably produce secondary effluent of a quality sufficient for the sand filtration tertiary process to meet recycled water effluent requirements and to provide operational flexibility for plant buildout flows.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline _____].

Reference:

Fund Allocation Basis: Project will deliver suitable quality secondary clarifer for recycled water (50% water expansion); and also needed at ultimate flows to provide operational flexibility for wastewater treatment (50% regional sewer expansion).

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	391,000	3,713,000	0	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$4,104,000**
Current Adopted Budget	$0
Increase/(Decrease)	$4,104,000

CATEGORY: RESOURCE RECOVERY FACILITIES **Regional Wastewater Expansion (Fund 320)**

CIP No. 07-3203 WWTP Anaerobic Digester No. 4

Funding Allocation: 89% 320 11% 310

Sponsor: Plant Operations **Project Manager:** Jackie Yee **Status:** Continuing

Project Summary:

This project will plan, design and construct a new 1.03 MG anaerobic digester and all ancillary equipment at the WWTP to provide adequate biosolids process redundancy under current AWDF. The WWTP has three anaerobic digesters; two with a volume of 0.58 MG and one with a volume of 1.03 MG. With the three digesters in service, there is sufficient digester capacity. However, if the largest digester were taken out of service for maintenance, the WWTP would not have sufficient digester capacity. When the ADWF reaches approximately 14 mgd, the digester needs to be constructed in order to take the largest digester out of service to maintain solids treatment capacity. Reduced digester capacity increases the risk of digester upset, which could lead to odor issues. To provide adequate reliability and redundancy to this critical unit process, a fourth digester is required. This project also include a Fats, Oils, and Grease (FOG) receiving facility to increase digester gas production. Parking modifications and internal landscaping around the digester and plant administration building will be made to accommodate displaced parking due to digester construction.

Anticipated CEQA Requirement: WWTP Expansion and Improvement Project, Initial Study/Mitigated Negative Declaration, May 1998.

Reference: 2005 WWTP Master Plan Update; WWTP Process Capacity Study; Anaerobic Digester No. 4 Preliminary Design Report, May 2009; Ninety Percent Design Drawings, June 2010.

Fund Allocation Basis: Fund split based on total volume needs for future capacity vs. redundancy for existing capacity

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
1,159,256	0	4,431,000	4,279,000	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$9,869,256**
Current Adopted Budget	$7,186,835
Increase/(Decrease)	$2,682,421



CATEGORY: RESOURCE RECOVERY FACILITIES **Regional Wastewater Replacement (Fund 310)**

CIP No. T16-02 Bio-Gas Treatment System Improvements

Funding Allocation: 100% 310

Sponsor: Mechanical/Maintenance **Project Manager:** Dan Lopez **Status:** New-Initiate

Project Summary:

The bio-gas treatment system was designed to clean the bio-gas for the fuel cells. With the removal of the fuel cells, the bio-gas treament requirements of the cogeneration is much less stringent. This project will simplify the configuration of the gas cooling, hydrogen sulfide scrubbing, and siloxane removal systems and increase gas throughput which is currently at full capacity. In addition, the control system will be modified to accommodate new and/or removed equipment.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15303].

Reference:

Fund Allocation Basis: All work shall be done at the WWTP for an existing facility.

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	70,000	0	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$70,000**
Current Adopted Budget	$0
Increase/(Decrease)	$70,000



CATEGORY: RESOURCE RECOVERY FACILITIES **Regional Wastewater Replacement (Fund 310)**

CIP No. T16-03 Cogeneration Engine #2 Rich Burn and Fuel Swith

Funding Allocation: 100% 310

Sponsor: Mechanical/Maintenance **Project Manager:** Dan Lopez **Status:** New-Initiate

Project Summary:

Air board requirements are moving towards eliminating lean burn engines without catalytic converters. This project will convert cogeneration engine # 2 to a rich burn engine and will also install a dual-fuel switch system, similar to the system on cogeneration engine # 3.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15303].

Reference:

Fund Allocation Basis:

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	70,000	0	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$70,000**
Current Adopted Budget	$0
Increase/(Decrease)	$70,000



CATEGORY: RESOURCE RECOVERY FACILITIES **Regional Wastewater Replacement (Fund 310)**

CIP No. T16-04 WWTP EPS1 and EPS2 Pump Modifications

Funding Allocation: 100% 310

Sponsor: Mechanical/Maintenance **Project Manager:** Dan Lopez **Status:** New-Initiate

Project Summary:

This project will modify three effluent pump station #1 (EPS1) pumps and two effluent pump station # 2 (EPS2) pumps to maintain full pumping capacity in wet weather conditons. The effluent pump bushings require modifications to flush out sediment and plastics. Three of the pumps have siezed up and had to be pulled out and repaired. This project will modify the bushings of the remaining pumps.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15301].

Reference:

Fund Allocation Basis:

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	250,000	0	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$250,000**
Current Adopted Budget	$0
Increase/(Decrease)	$250,000



CATEGORY: RESOURCE RECOVERY FACILITIES **Regional Wastewater Replacement (Fund 310)**

CIP No. T16-07 WWTP Administration Building Improvements

Funding Allocation: 100% 310

Sponsor: Mechanical/Maintenance **Project Manager:** Jackie Yee **Status:** New-Initiate

Project Summary:

This project will complete several improvements to the WWTP Administration building. It will repair the leaking roof, repair a sagging floor section, replace the carpet on the main floor, replace vinyle tile in lab, and install security card readers. The security card readers will be installed on three different back and side doors to the building.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15301].

Reference:

Fund Allocation Basis:

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	260,000	0	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$260,000**
Current Adopted Budget	$0
Increase/(Decrease)	$260,000



CATEGORY: RESOURCE RECOVERY FACILITIES **Regional Wastewater Expansion (Fund 320)**

CIP No. 14-P005 New Secondary Effluent Line - PWWF Capacity

Funding Allocation: 85% 320 15% 310

Sponsor: Plant Operations **Project Manager:** Steven Delight **Status:** Future

Project Summary:

This project will install a new 54-inch pipeline from the secondary clarifiers to the chlorine contact tank. The pipeline was originally part of the Stage IV project, however, it was removed from the scope to reduce cost. The current pipeline is adequate for dry weather flows but is undersized to meet peak wet weather flows. When the WWTP flow is greater than 37 mgd, the pipeline becomes a bottleneck in conveying water to the chlorine contact tank. The new pipeline will be constructed south and west of the aeration basins to avoid areas congested with other process piping.

*Question from Steve on CEQA: should this one mention that the WWTP Master Plan will study the timing and if needs to happen. Perhaps the RMC report that discusses the modifications to the junction box should be referenced?

Anticipated CEQA Requirement: CEQA document approved by Board on 8/17/1999.

Reference: CIP Process Capacity Review, WBA, May 2009; Secondary Effluent Wet Weather Capacity Review, August 2014; Dependent on findings of current WWTP and Biosolids Master Plan.

Fund Allocation Basis: Fund split based on ADWF that initiates project vs. buildout flowrate.

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
32,194	0	0	228,000	2,010,000	0	0	0	0	0	0	0

Total Estimated Project Cost	**$2,270,194**
Current Adopted Budget	$3,500,000
Increase/(Decrease)	($1,229,806)



CATEGORY: RESOURCE RECOVERY FACILITIES **Regional Wastewater Replacement (Fund 310)**

CIP No. T00-37 Recoating of Digester Interior Covers 3, 2, and 1

Funding Allocation: 100% 310

Sponsor: Plant Operations **Project Manager:** **Status:** Future

Project Summary:

The life expectancy of a digester steel cover is ten (10) years. This project will repair and coat the interior covers of the digesters, if needed, to extend their useful life. As part of the project, the digesters will be drained and cleaned so the interior covers can be inspected. After the condition of each interior cover is determined, necessary work will be performed. Last cleaning and inspection done was in 2012.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15301].

Reference:

Fund Allocation Basis: N/A

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	79,000	79,000	132,000	0	0	0	0	0	0

Total Estimated Project Cost	**$290,000**
Current Adopted Budget	$0
Increase/(Decrease)	$290,000



CATEGORY: RESOURCE RECOVERY FACILITIES **Regional Wastewater Replacement (Fund 310)**

CIP No. T16-01 Hypochlorite Building Rehabilitation

Funding Allocation: 100% 310

Sponsor: Plant Operations **Project Manager:** Jackie Yee **Status:** New-Future

Project Summary:

The four sodium hypochlorite bulk storage tanks at the WWTP were replaced during the summer of 2014. During the tank replacement, a visual analysis of the existing pads and building were reviewed by a structural engineer. The coating at the perimeter of the existing tank pads and coating on the tank room slab have failed in areas where the old storage tanks had leaked. The coating in the pump room had failed completely due to chemical exposure. This project will address those findings and correct the problems. Concrete samples will be taken and tested for chloride ion concentration. Concrete repair will be undertaken before reinforcing steel capacity is compromised. Alternatives to arrest any ongoing corrosion will also be investigated and implemented. Concrete coating will be applied over the concrete repairs and corroded pipe; pump supports in the Pump Room will be replaced; and the wall to slab, wall-to-wall connection and roof beams will also be strengthened to update the building to current seismic standards.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15302].

Reference: Hypochlorite Storage Building Condition and Seismic Assessment, Carollo Engineers, October 2014.

Fund Allocation Basis: All work shall be done at the WWTP for an existing facility.

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	306,000	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$306,000**
Current Adopted Budget	$0
Increase/(Decrease)	$306,000



CATEGORY: RESOURCE RECOVERY FACILITIES **Regional Wastewater Replacement (Fund 310)**

CIP No. T16-06 WWTP Recycled and Potable Water Systems

Funding Allocation: 100% 310

Sponsor: Mechanical/Maintenance **Project Manager:** Rudy Portugal **Status:** New-Future

Project Summary:

This project will separate the potable water and fire systems at the WWTP and expand the use of recycled water for the WWTP processes. The current WWTP fire main supplies both the potable and fire water systems. The project will separate the systems by installing 2000 feet of 3-inch and 500 feet of 2-inch potable water lines to Buildings A, D,S, t, and fleeet maintenance. This project will also install approximately 550 feet of 3-inch above ground and 350 feet of 3-inch below ground recycled water pipe to the cogeneration building, blower building, plant air compressors, bar screens, 1250kW and 750 kW generators, and buildings S and T.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15303].

Reference:

Fund Allocation Basis:

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	200,000	184,000	0	0	0	0	0	0	0

Total Estimated Project Cost	**$384,000**
Current Adopted Budget	$0
Increase/(Decrease)	$384,000

CATEGORY: RESOURCE RECOVERY FACILITIES **Regional Wastewater Replacement (Fund 310)**

CIP No. T16-11 WWTP Motor Control Center and Distribution Panel "A" Improvements

Funding Allocation: 100% 310

Sponsor: Electrical/Instrumentation **Project Manager:** Rudy Portugal **Status:** New-Future

Project Summary:

This project will upgrade WWTP Motor Control Centers (MCCs) and Electrical Distribution Panel A (DPA) to a standard 65,000 Ampere Interrupting Capacity (AIC) rating. Based on the most recent short circuit analysis, ten MCCs and DPA either do not have adequate short circuit equipment AIC ratings to either handle possible fault scenarios or to handle future expansions. The upgrade will also require modifications to existing MCC buckets as the MCC's are 20+ years old and exact replacement parts (i.e. starters, circuit breakers, etc.) are no longer readily available.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15301, 15302].

Reference:

Fund Allocation Basis:

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	400,000	500,000	0	0	0	0	0	0	0

Total Estimated Project Cost	**$900,000**
Current Adopted Budget	$0
Increase/(Decrease)	$900,000

CATEGORY: RESOURCE RECOVERY FACILITIES **Regional Wastewater Replacement (Fund 310)**

CIP No. T16-35 Ferrous Chloride System Improvements

Funding Allocation: 100% 310

Sponsor: Plant Operations **Project Manager:** Jackie Yee **Status:** New-Future

Project Summary:

The ferrous chloride tank and containment area is over 30 years old. This project will replace the 6,500 gallon ferrous chloride storage tank, repair the concrete secondary containment area, and install a control system for dosing to the headworks based on flow for improved odor control.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15302].

Reference: Tank Integrity Assessment for the Ferrous Chloride Storage Tank, Trident Environmental and Engineering, Inc., April 2004.

Fund Allocation Basis:

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	102,600	0	0	0	0	0	0	0	0

Total Estimated Project Cost	**$102,600**
Current Adopted Budget	$0
Increase/(Decrease)	$102,600



CATEGORY: RESOURCE RECOVERY FACILITIES **Regional Wastewater Replacement (Fund 310)**

CIP No. T16-34 Gravity Belt Thickener Rehabilitation

Funding Allocation: 100% 310

Sponsor: Plant Operations **Project Manager:** **Status:** New-Future

Project Summary:

This project will rehabilitate the worn components on the gravity belt thickener. The District purchased a truck mounted gravity belt thickener in 2003. The thickener is used when the dissolved air flotation thickener, which thickens the waste activated sludge prior to the digesters, is taken out of service for maintenance and repairs. When the thickener is not in service, it is rented to other agencies for use. For solids handling reliability, the thickener must be keep in good working condition.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15301].

Reference:

Fund Allocation Basis:

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	0	40,000	0	0	0	0	0	0	0

Total Estimated Project Cost	**$40,000**
Current Adopted Budget	$0
Increase/(Decrease)	$40,000

CATEGORY: RESOURCE RECOVERY FACILITIES **Regional Wastewater Replacement (Fund 310)**

CIP No. T16-54 WWTP Odor Reduction Tower Replacement

Funding Allocation: 100% 310

Sponsor: Plant Operations **Project Manager:** Judy Zavadil **Status:** New-Future

Project Summary:

This project will either rehabilitate or replace the Odor Reduction Tower (ORT). The ORT treats odorous air from the WWTP influent pump room, aerated grits tanks, and the grit building. Although the ORT effectively treats hydrogen sulfide, it does not effectively treat reduced sulfur compounds. This project will help the District meet the WWTP odor control goals and support the District's "good neighbor" policy to minimize odor impacts to the surrounding community.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15302].

Reference: 2008 Update to Odor Control Focus Areas Analysis, CH2M Hill, July 2009.

Fund Allocation Basis: Plant operations.

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	0	1,028,000	0	0	0	0	0	0	0

Total Estimated Project Cost	**$1,028,000**
Current Adopted Budget	$0
Increase/(Decrease)	$1,028,000



CATEGORY: RESOURCE RECOVERY FACILITIES **Regional Wastewater Expansion (Fund 320)**

CIP No. T12-04 Aeration Blower #4

Funding Allocation: 85% 320 15% 310

Sponsor: Plant Operations **Project Manager:** **Status:** Future

Project Summary:

This project will add aeration blower #4 to the activate sludge process of the WWTP. The total capacity of the existing blowers is 16,000 SCFM with one blower out of service. The maximum aeration air required may be up to 17,000 SCFM. Also, the current parallel operation scheme of the aeration basins may change the need for air under cetain circumstances. The need for the additional blower will be studied in the WWTP Master Plan. The WWTP Master Plan will determine exact timing, however, it may be as soon as the plant reaches 14.9 MGD ADWF.

Anticipated CEQA Requirement: To be determined.

Reference: CIP Process Capacity Review, WBA, May 2009

Fund Allocation Basis: Fund split based on ADWF that initiates project vs. buildout flowrate

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	0	0	1,376,000	0	0	0	0	0	0

Total Estimated Project Cost	**$1,376,000**
Current Adopted Budget	$0
Increase/(Decrease)	$1,376,000



CATEGORY: RESOURCE RECOVERY FACILITIES **Regional Wastewater Replacement (Fund 310)**

CIP No. T12-19 WWTP Fencing and Security - Phase 2

Funding Allocation: 100% 310

Sponsor: Plant Operations **Project Manager:** **Status:** Future

Project Summary:

This project will improve security along the WWTP perimeter. This project will install 8-feet tall vinyl coated fence along the south, west and north and half of the east perimeter of the WWTP. It will also include screening landscaping where space permits. Phase 1 replaced the fencing along the eastern perimeter from the WWTP Administration building to the southeast corner of the WWTP. That phase also included landscaping for screeening of the WWTP from Val Vista park.

Anticipated CEQA Requirement: Negative Declaration approved May 19, 1998.

Reference: Physical Security Risk Assessment, Pinkerton Consultin, April 2004.

Fund Allocation Basis: N/A

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	0	0	1,210,000	0	0	0	0	0	0

Total Estimated Project Cost	**$1,210,000**
Current Adopted Budget	$0
Increase/(Decrease)	$1,210,000



CATEGORY: RESOURCE RECOVERY FACILITIES **Regional Wastewater Expansion (Fund 320)**

CIP No. T12-05 Primary Sedimentation Expansion and Improvements

Funding Allocation: 85% 320 15% 310

Sponsor: Plant Operations **Project Manager:** **Status:** Future

Project Summary:

This project will add primary sedimentation tanks 5 and 6. The current capacity of the primaries is 14 MGD ADWF. Addition of primaries 5 and 6 will reduce loading on the aeration basins and secondary clarifiers, and may reduce odors. The current loading rate of the primary clarifiers is significantly higher than typical design standards. By adding two primaries, the capacity will meet buildout needs and reduce the loading rate. This project will also install a fourth grit tank. The current grit tank capacity is also 14 MGD ADWF and the fourth tank will be adequate for future ADWF and PWWF. When these tanks are installed, the District should consider covering all of the primary tanks for odor control.

Anticipated CEQA Requirement: To be determined.

Reference: CIP Process Capacity Review, WBA, May 2009

Fund Allocation Basis: Fund split based on ADWF that initiates project vs. buildout flowrate

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	0	0	0	578,000	4,216,000	0	0	0	0

Total Estimated Project Cost	**$4,794,000**
Current Adopted Budget	$0
Increase/(Decrease)	$4,794,000



CATEGORY: RESOURCE RECOVERY FACILITIES **Regional Wastewater Replacement (Fund 310)**

CIP No. T16-40 WWTP Pavement Maintenance

Funding Allocation: 100% 310

Sponsor: Plant Operations **Project Manager:** **Status:** New-Future

Project Summary:

This project will repair and seal coat pavement at the WWTP. The treatment plant pavement is subject to vehicles with heavy loads. This work is required periodically to maintain the integrity of the pavement.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15301].

Reference:

Fund Allocation Basis:

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	0	0	0	300,000	0	0	0	0	0

Total Estimated Project Cost	**$300,000**
Current Adopted Budget	$0
Increase/(Decrease)	$300,000

CATEGORY: RESOURCE RECOVERY FACILITIES **Regional Wastewater Replacement (Fund 310)**

CIP No. T00-36 Biosolids Dewatering Facility

Funding Allocation: 65% 310 35% 320

Sponsor: Plant Operations **Project Manager:** **Status:** Future

Project Summary:

As the output of the WWTP approaches buildout levels, the mechanical abilities of the current system to apply the biosolids harvested from the FSLs to the DLD will become inadequate. The non-dewatered sludge will be too wet to allow the plowing equipment to plow the sludge into the DLD surface. Dewatering the sludge harvested from the FSLs will be required to run the system in its current mode. The current DLD of the sludge harvested from the FSLs is by far the most cost-effective solution for disposal of the sludge. This addition of dewatering equipment will allow the DLD to be the primary method of sludge disposal or, should the disposal method need to be changed, the dewatering will allow the sludge to be disposed of using other methods. This project may be accelerated if the District decides to begin diversifying disposal off-site. This project is required for both options of continuing with DLD disposal or participation in a Regional Biosolids Facility (CIP 07-3201).

Anticipated CEQA Requirement: Statutory Exemption was filed 11-29-99 [15262].

Reference: 2005 Wastewater Treatment Plant Master Plan Update; 2002 Biosolids Master Plan; Dependent on findings of current WWTP and Biosolids Master Plan.

Fund Allocation Basis: JAZ to provide explanation for fund split

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	0	0	0	0	0	5,710,000	0	5,710,000	5,710,000

Total Estimated Project Cost	**$17,130,000**
Current Adopted Budget	$0
Increase/(Decrease)	$17,130,000



CATEGORY: RESOURCE RECOVERY FACILITIES **Regional Wastewater Expansion (Fund 320)**

CIP No. T10-61 Facultative Sludge Lagoon #5

Funding Allocation: 100% 320

Sponsor: Plant Operations **Project Manager:** **Status:** Future

Project Summary:

The District uses the Facultative Sludge Lagoons (FSL) as a low-cost option for digested sludge treatment and disposal. FSL expansion has been preferable to the alternative of mechanical dewatering and sludge disposal to a landfill, which would significantly increase the District's operating costs. This project will design and construct FSL #5, to be located west of FSL #6 and south of FSL #1. In addition, the project will include piping distribution improvements in the DLD. This project is required when WWTP ADWF reaches 14 mgd.

Anticipated CEQA Requirement: Negative Declaration approved 5/19/98.

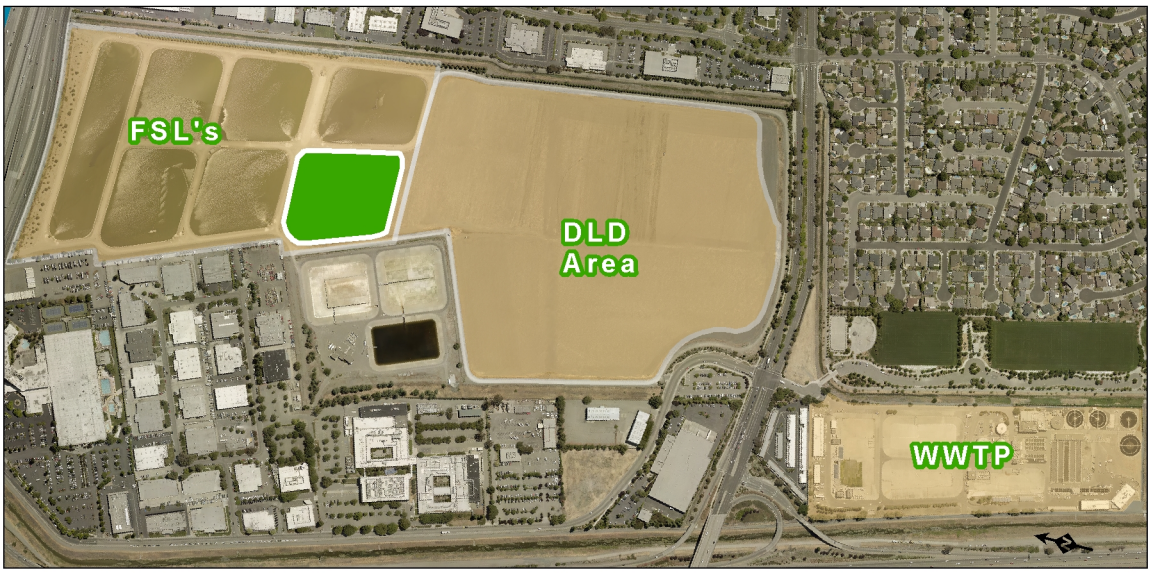
Reference: 2005 Wastewater Treatment Plant Master Plan Update, 2007 Biosolids Master Plan; Dependent on findings of current WWTP and Biosolids Master Plan.

Fund Allocation Basis: N/A

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	0	0	0	0	0	220,000	1,600,000	0	0

Total Estimated Project Cost	**$1,820,000**
Current Adopted Budget	$0
Increase/(Decrease)	$1,820,000



CATEGORY: RESOURCE RECOVERY FACILITIES **Regional Wastewater Replacement (Fund 310)**

CIP No. T10-82 Biofilters Rehabilitation

Funding Allocation: 100% 310

Sponsor: Plant Operations **Project Manager:** **Status:** Future

Project Summary:

Currently, there are two biofilters in operation at the WWTP. One handles odors from the headworks/barscreen area and the other treats foul air from the DAFT and secondary clarifiers. They were installed in 2003 and 2004, respectively. The media within the biofilters is warrantied for 20 years. This project will replace the biofiler media, should the media become less effective beyond the warranty period or if better odor control media becomes available in the future.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15301].

Reference:

Fund Allocation Basis: PM to provide

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	0	0	0	0	0	0	0	385,500	571,000

Total Estimated Project Cost	**$956,500**
Current Adopted Budget	$0
Increase/(Decrease)	$956,500



CATEGORY: RESOURCE RECOVERY FACILITIES **Regional Wastewater Expansion (Fund 320)**

CIP No. T12-02 Effluent Pump Station 2 - PWWF Capacity

Funding Allocation: 85% 320 15% 310

Sponsor: Plant Operations **Project Manager:** **Status:** Future

Project Summary:

This project will install the fourth 19 MGD Effluent Pump Station 2 pump. The pump station's current capacity is 38 MGD with one pump out of service. This project will install the fourth pump in order to meet PWWF of 64 mgd.

Anticipated CEQA Requirement: To be determined.

Reference: CIP Process Capacity Review, WBA, May 2009

Fund Allocation Basis: Fund split based on ADWF that initiates project vs. buildout flowrate

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	0	0	0	0	0	0	0	1,715,000	0

Total Estimated Project Cost	**$1,715,000**
Current Adopted Budget	$0
Increase/(Decrease)	$1,715,000



CATEGORY: RESOURCE RECOVERY FACILITIES **Regional Wastewater Replacement (Fund 310)**

CIP No. T16-42 Nutrient Removal

Funding Allocation: 65% 310 35% 320

Sponsor: Plant Operations **Project Manager:** **Status:** New-Future

Project Summary:

In April 2014, the Bay Area Regional Water Quality Control Board (RWQCB) issued a San Francisco Bay Nutrients Watershed permit to municipal wastewater dischargers. The permit requires wastewater dischargers evaluate reductions in nutrient discharges through treatment upgrades and contribute toward studies to develop a San Francisco Bay Nutrient Management Strategy. The District is working with the Bay Area Clean Water Agencies (BACWA) to address the permit requirements. If the current studies determine wastewater discharges have an adverse effect on Bay water quality, the RWQCB will impose nutrient load limits on the WWTP effluent which will require treatment upgrades. Although future regulation or the extent of the regulation is uncertain, it is prudent that the District plan for some future treatment upgrades. This project assumes the District would add two addition aeration basins and one blower to reduce ammonia in the District effluent.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline _____].

Reference: RWQCB's San Francisco Bay Nutrients Watershed Permit; Dependent on findings of current WWTP and Biosolids Master Plan.

Fund Allocation Basis: Based on flow.

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	0	0	0	0	0	0	0	5,080,000	3,710,000

Total Estimated Project Cost	**$8,790,000**
Current Adopted Budget	$0
Increase/(Decrease)	$8,790,000

CATEGORY: RESOURCE RECOVERY FACILITIES **Regional Wastewater Expansion (Fund 320)**

CIP No. T10-62 WWTP-Emergency Power for Distribution Panel-D

Funding Allocation: 100% 320

Sponsor: Electrical/Instrumentation **Project Manager:** **Status:** Future

Project Summary:

This project will install a 900 kW emergency power generator for the Distribution Panel-D (DPD) switchgear to support continued growth of the service population and the corresponding increases in influent pumping and related WWTP equipment, such as the Bar Screens, Primary Clarifiers, etc. Panel DPD is currently provided with emergency power via the existing generator, but higher flows will require an additional generator for Panel DPD. This project is needed when the ADWF is approximately 17 mgd. Emergency power is also a requirement of the District's NPDES Permit.

Anticipated CEQA Requirement: To be determined.

Reference: 2004 WWTP Electrical Master Plan; Dependent on findings of current WWTP and Biosolids Master Plan.

Fund Allocation Basis: Needed when flow reaches 17 mgd

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	0	0	0	0	0	0	0	0	5,560,000

Total Estimated Project Cost	**$5,560,000**
Current Adopted Budget	$0
Increase/(Decrease)	$5,560,000



CATEGORY: RESOURCE RECOVERY FACILITIES **Regional Wastewater Replacement (Fund 310)**

CIP No. T10-83 Cover Primary Clarifiers

Funding Allocation: 100% 310

Sponsor: Plant Operations **Project Manager:** **Status:** Future

Project Summary:

This project will cover the primary clarifiers. The settled sewerage channel and the primary clarifiers have been identified in the Odor Control Master Plan as areas in the WWTP that have odor issues. The project may cover the entire primary tanks or only the launderers. The foul air removed from the primary clarifiers will be treated in a new odor treatment facility that also serves the settled sewerage channel and other processes in the area.

Anticipated CEQA Requirement: Categorical Exemption [CEQA Guideline 15303].

Reference: 2008 Update to Odor Control Focus Areas Analysis, CH2M Hill, July 2009; Dependent on findings of current WWTP and Biosolids Master Plan.

Fund Allocation Basis:

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	0	0	0	0	0	0	0	0	5,940,000

Total Estimated Project Cost	**$5,940,000**
Current Adopted Budget	$0
Increase/(Decrease)	$5,940,000



CATEGORY: RESOURCE RECOVERY FACILITIES **Regional Wastewater Expansion (Fund 320)**

CIP No. T12-03 Influent Pump - PWWF Capacity

Funding Allocation: 85% 320 15% 310

Sponsor: Plant Operations **Project Manager:** **Status:** Future

Project Summary:

This project will upsize the 15 MGD influent pump to a 25 MGD influent pump in order to match the other three pumps. The current influent pumping capacity is 60.7 MGD with one of the larger pumps out of service. Modification of the pump will enable pumping capacity to meet 64 MGD for PWWF.

Anticipated CEQA Requirement: To be determined.

Reference: CIP Process Capacity Review, WBA, May 2009

Fund Allocation Basis: Fund split based on ADWF that initiates project vs. buildout flowrate

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	0	0	0	0	0	0	0	0	1,200,000

Total Estimated Project Cost	**$1,200,000**
Current Adopted Budget	$0
Increase/(Decrease)	$1,200,000



CATEGORY: RESOURCE RECOVERY FACILITIES **Regional Wastewater Replacement (Fund 310)**

CIP No. T12-08 Cover Settled Sewage Channel

Funding Allocation: 100% 310

Sponsor: Plant Operations **Project Manager:** **Status:** Future

Project Summary:

This project will cover the settled sewage channel. The settled sewage channel and the primary clarifiers have been identified in the Odor Control Master Plan as areas in the WWTP that have odor issues. In addition, adding the covers will allow the addition of air to the settled sewage channel, which will increase the performance of the WWTP. The foul air removed from the settled sewage channel will be treated in a new odor treatment facility that also serves the primary clarifiers and other items in the area.

Anticipated CEQA Requirement: To be determined.

Reference: 2008 Update to Odor Control Focus Areas Analysis, CH2M Hill, July 2009; Dependent on findings of current WWTP and Biosolids Master Plan.

Fund Allocation Basis: PM to provide

10-Year Cash Flow and Estimated Project Cost:

Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	0	0	0	0	0	0	0	0	1,238,000

Total Estimated Project Cost	**$1,238,000**
Current Adopted Budget	$0
Increase/(Decrease)	$1,238,000



CATEGORY: RESOURCE RECOVERY FACILITIES **Regional Wastewater Replacement (Fund 310)**

CIP No. T12-17 WWTP Influent Sewer Separation & Metering

Funding Allocation: 100% 310

Sponsor: Plant Operations **Project Manager:** **Status:** Future

Project Summary:

Per the LAVWMA Amended and Restated Joint Exercise of Powers Agreement (Agreement), separate metering of each LAVWMA member influent flow is required. This project will continue in the future combining all of Pleasanton's influent sewers together (excluding Commerce Circle) to be metered in one location. Further investigation of Commerce Circle flow separation is needed.

Anticipated CEQA Requirement: Negative Declaration approved 5/19/98.

Reference: LAVWMA Amended and Restated Joint Exercise of Power Agreement, July 1997, Paragraph 13.3

Fund Allocation Basis: N/A

10-Year Cash Flow and Estimated Project Cost:

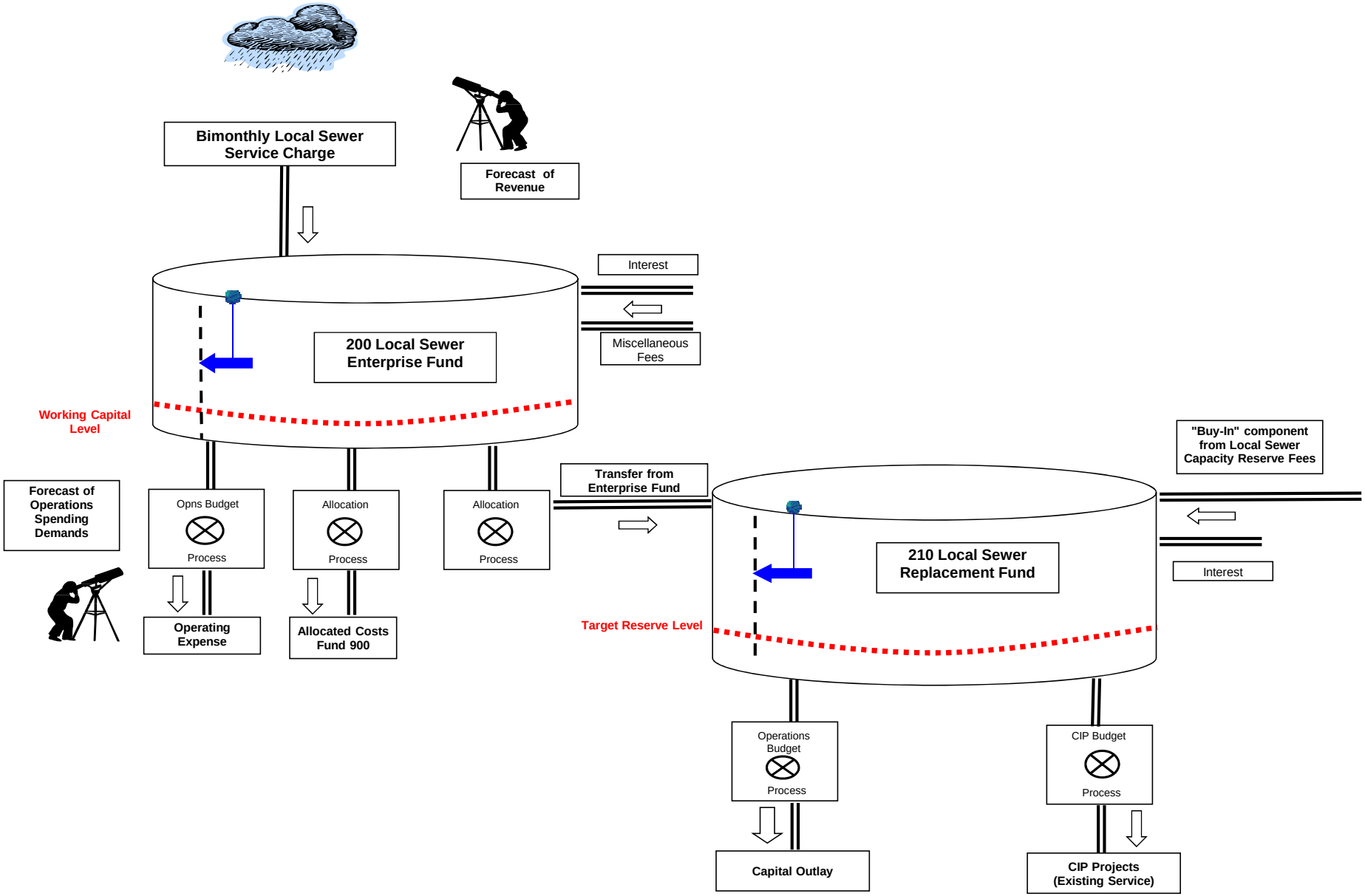
Prior	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Future
0	0	0	0	0	0	0	0	0	0	0	1,053,000

Total Estimated Project Cost	**$1,053,000**
Current Adopted Budget	$0
Increase/(Decrease)	$1,053,000

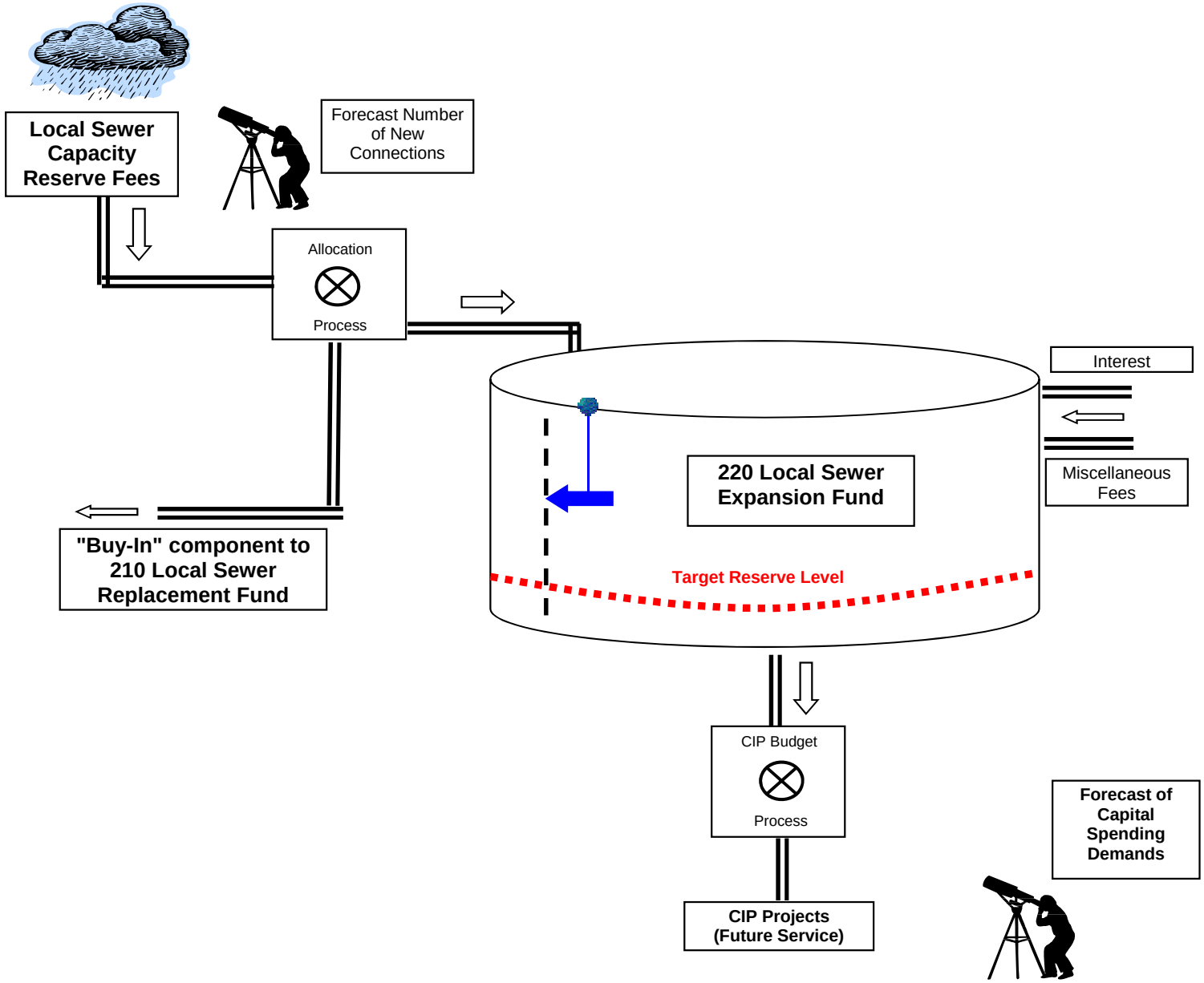
APPENDIX A:
Fund Schematics

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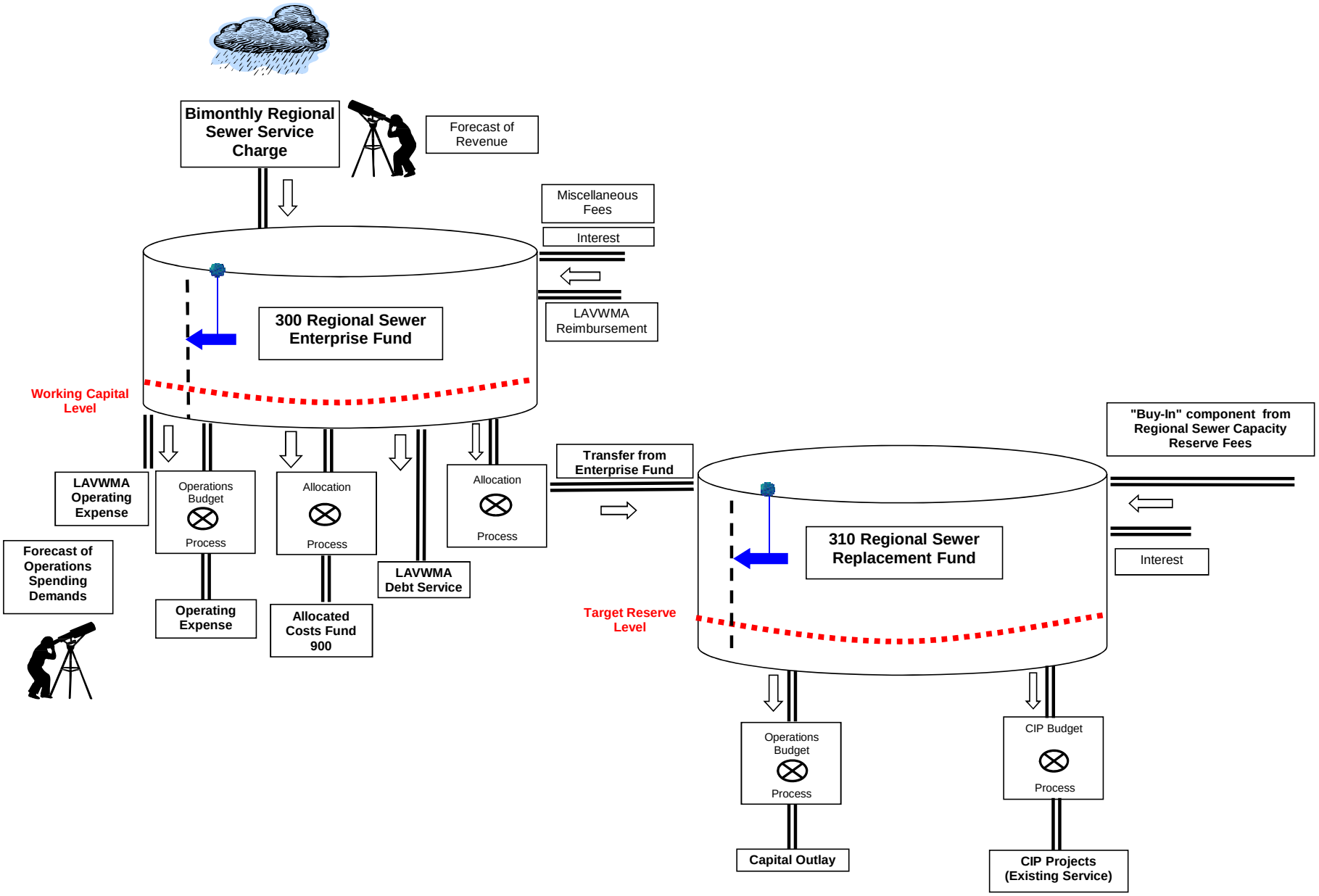
Local Sewer Enterprise (Fund 200) and Local Sewer Replacement (Fund 210) Fund Schematic



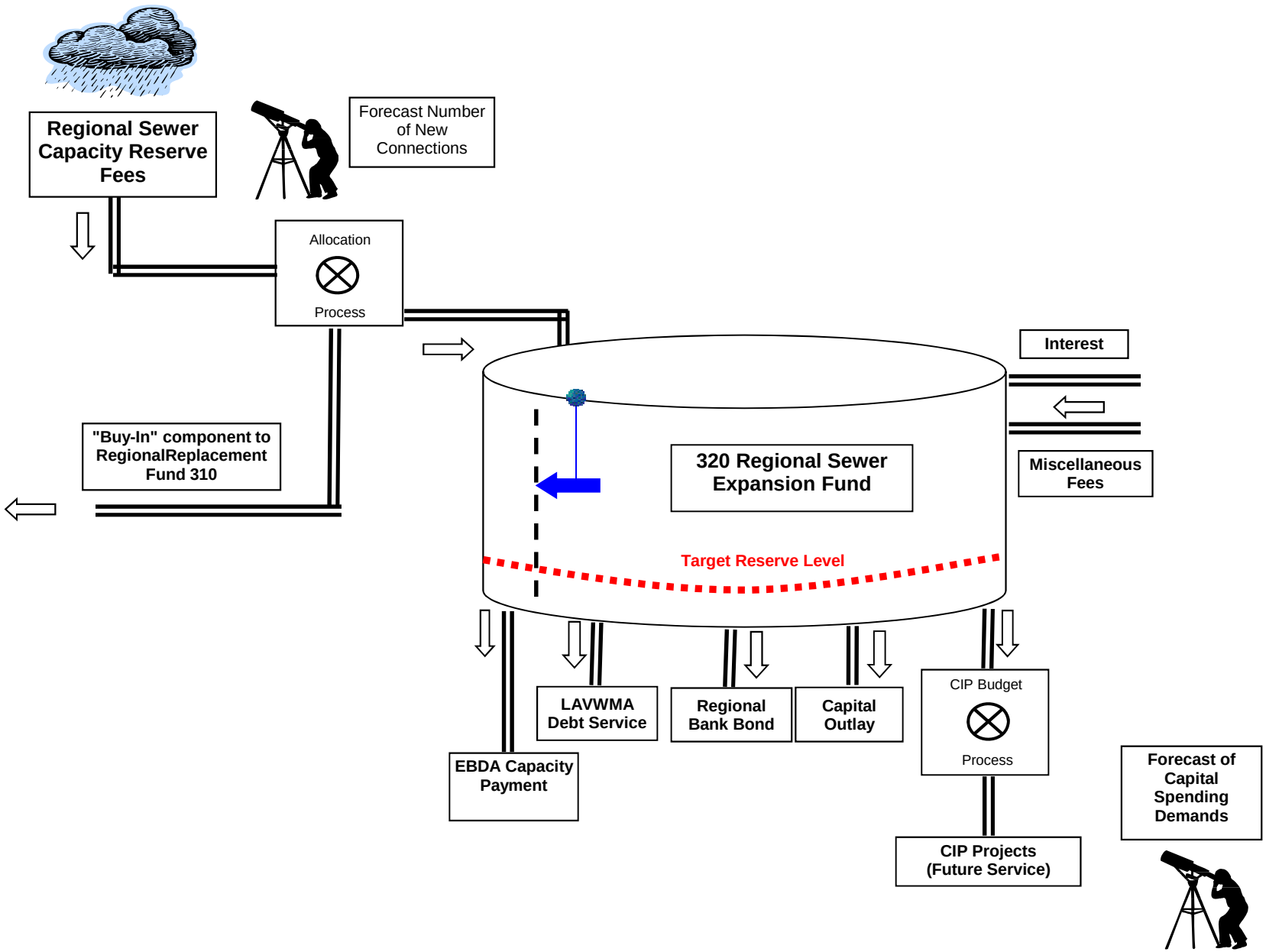
Local Sewer Expansion (Fund 220)
Fund Schematic



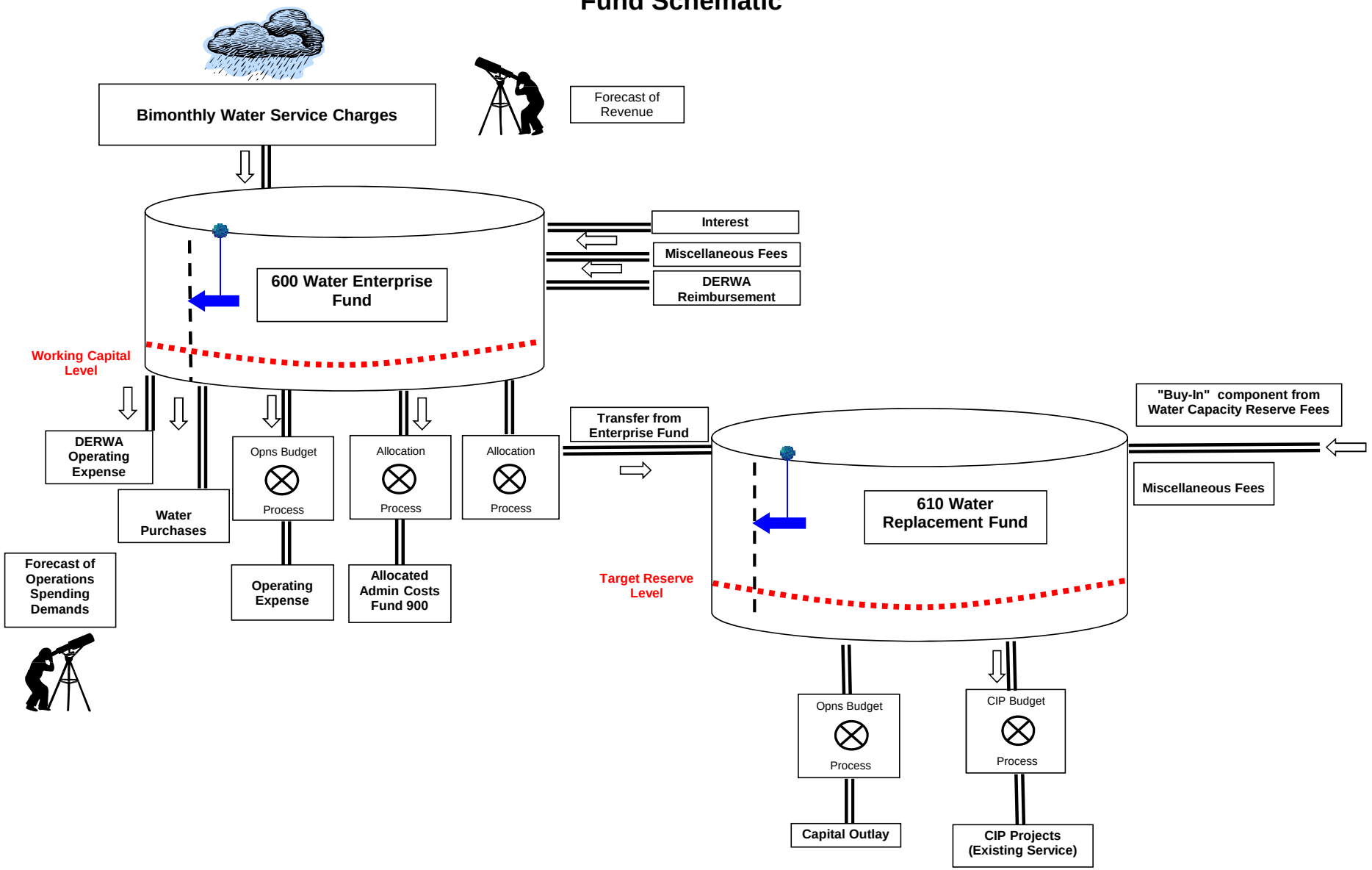
Regional Sewer Enterprise (Fund 300) and Regional Sewer Replacement (Fund 310) Fund Schematic



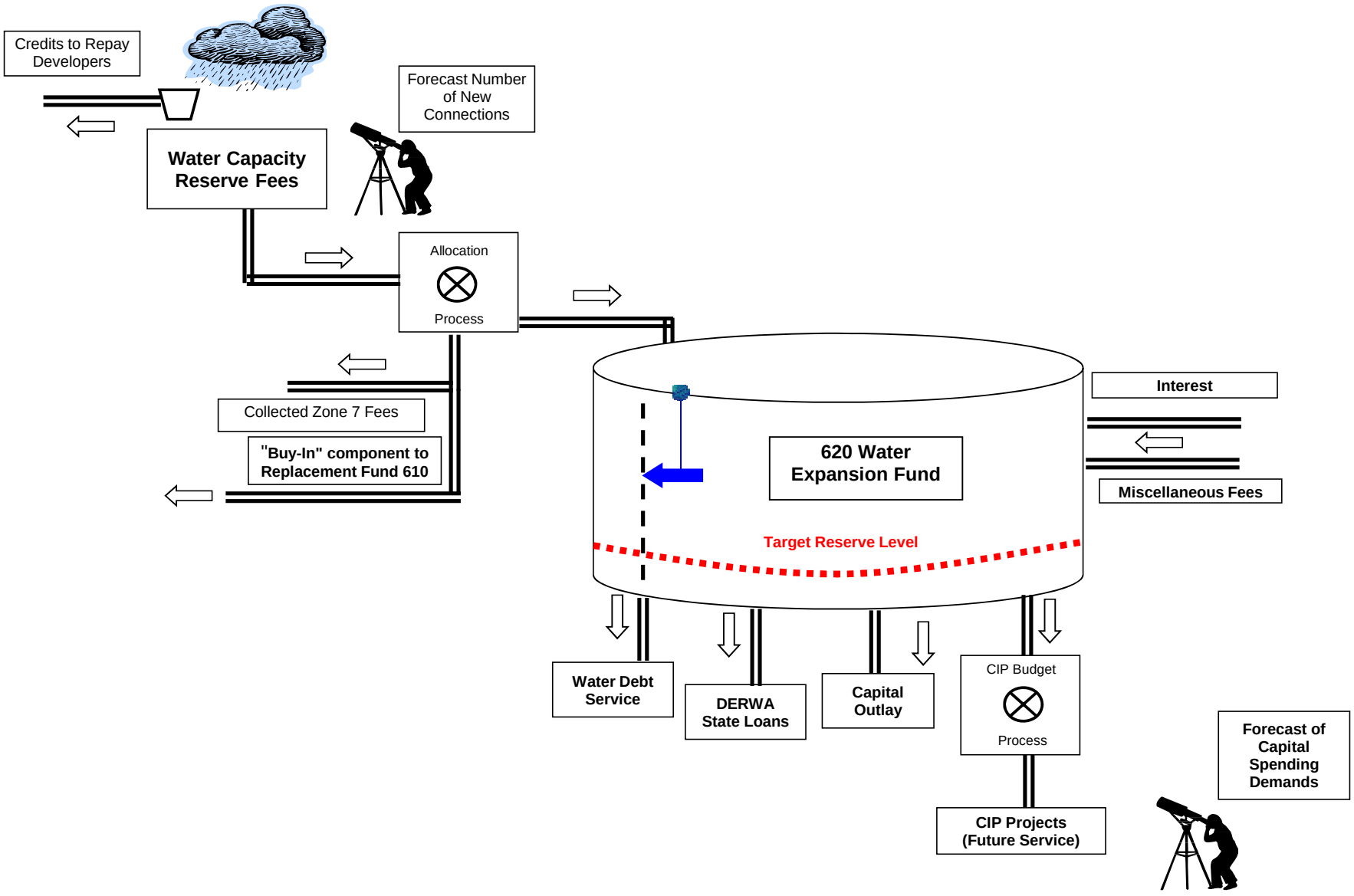
Regional Sewer Expansion (Fund 320)
Fund Schematic



Water Enterprise (Fund 600) and Water Replacement (Fund 610) Fund Schematic



Water Expansion (Fund 620)
Fund Schematic



APPENDIX B:
Financial Expenditures by Fund

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CIP 10-Year Plan for Fiscal Years Ending 2016 through 2025

Portion of Estimated Cashflow Allocated to Local Wastewater Replacement (Fund 210)

**Amounts shown are District costs net of grants and other fundings*

CIP No.	Project Name	210 Split	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Future	Total
Main Fund: Local Wastewater Replacement (Fund 210)														
08-2101	Donahue Dr./Vomac Rd. Relief Sewer	100%	0	0	0	0	200,000	450,000	0	0	0	0	0	650,000
08-2102	OSH Sewer Replacement	68%	136,000	0	0	0	0	0	0	0	0	0	0	136,000
14-S001	Camp Parks Sewer Rehabilitation Project - Goodfellow Ave North of 8th Street	100%	0	0	389,226	0	0	0	0	0	0	0	0	389,226
14-S002	Camp Parks Sewer Rehabilitation Project - Adams 8th to 10th Streets	100%	0	0	0	0	0	469,750	0	0	0	0	0	469,750
T14-02	Camp Parks Sewer Rehabilitation Project - Davis and Cromwell, 8th to 10 Streets	100%	0	0	0	1,113,500	0	0	0	0	0	0	0	1,113,500
T16-17	Davona-Berwick 8" Sewer Replacement	100%	81,900	0	0	0	0	0	0	0	0	0	0	81,900
T16-22	Camp Parks 36" Trunk Sewer Rehabilitation	100%	0	0	0	0	0	351,500	0	0	0	0	0	351,500
T16-25	San Ramon Golf Course 24" Trunk Sewer Rehabilitation	100%	0	0	0	0	0	0	0	0	181,558	0	0	181,558
T16-44	Facilities Relocation for Dublin Blvd Widening - Sierra Court to Dublin Court	70%	64,750	672,350	0	0	0	0	0	0	0	0	0	737,100
T16-50	Iron Horse Trail Sewer Replacement	100%	0	0	487,764	0	0	0	0	0	0	0	0	487,764
T16-51	Alcosta Blvd Sewer Replacement	100%	0	0	0	480,375	0	0	0	0	0	0	0	480,375
T16-59	Wastewater Collection System Replacement and Rehabilitation Allowance	100%	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	700,000	2,200,000
T16-62	Street Overlay Modification Allowance	50%	70,000	70,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	0	780,000
T16-64	Dublin Trunk Sewer Rehabilitation	100%	200,000	604,200	938,200	623,600	1,066,700	978,700	0	0	0	0	0	4,411,400
T16-69	Camp Parks Sewer Repair	100%	244,000	0	0	0	0	0	0	0	0	0	0	244,000
														12,714,073
Main Fund: Local Wastewater Expansion (Fund 220)														
T00-64	Wastewater Collection System Master Plan Update and Connection Fee Study	25%	0	125,000	0	0	0	0	0	0	0	0	0	125,000
														125,000
Main Fund: Regional Wastewater Replacement (Fund 310														
610C130	Wide Area Network Communications	10%	0	0	0	36,500	0	0	0	0	0	0	0	36,500
15-A006	Trustworthy Electronic Content Management System (ECMS)	10%	25,200	13,700	0	0	0	0	0	0	0	0	0	38,900

Portion of Estimated Cashflow Allocated to Local Wastewater Replacement (Fund 210)

**Amounts shown are District costs net of grants and other fundings*

CIP No.	Project Name	210 Split	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Future	Total
T16-08	District Office Improvements	10%	0	12,500	0	0	0	0	0	0	0	0	0	12,500
T16-63	Board Meeting Audio/Video Improvements	10%	10,000	0	0	0	0	0	0	0	0	0	0	10,000
														97,900
Main Fund: Water Replacement (Fund 610)														
00-A002	Access Road Improvements	20%	0	0	40,000	0	40,000	0	40,000	0	40,000	0	0	160,000
09-6101	Water and Recycled Water SCADA Improvements	2%	62,984	24,130	0	0	0	0	0	0	0	0	0	87,114
15-W004	Dougherty Road Utilities	10%	6,000	0	0	0	0	0	0	0	0	0	0	6,000
T16-36	AMI Repeater	10%	2,000	0	0	0	0	0	0	0	0	0	0	2,000
T16-70	Corporation Yard & Administrative Facilities	10%	620,000	30,000	0	0	0	0	0	0	0	0	0	650,000
														905,114
			1,672,834	1,701,880	2,085,190	2,483,975	1,536,700	2,479,950	270,000	230,000	451,558	230,000	700,000	13,842,087

CIP 10-Year Plan for Fiscal Years Ending 2016 through 2025

Portion of Estimated Cashflow Allocated to Local Wastewater Expansion (Fund 220)

**Amounts shown are District costs net of grants and other fundings*

CIP No.	Project Name	220 Split	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Future	Total
Main Fund: Local Wastewater Replacement (Fund 210)														
08-2102	OSH Sewer Replacement	32%	64,000	0	0	0	0	0	0	0	0	0	0	64,000
														64,000
Main Fund: Local Wastewater Expansion (Fund 220)														
T00-64	Wastewater Collection System Master Plan Update and Connection Fee Study	75%	0	375,000	0	0	0	0	0	0	0	0	0	375,000
T00-76	Dublin Trunk Relief Sewer	100%	0	0	0	0	0	0	0	0	0	0	6,235,000	6,235,000
														6,610,000
Main Fund: Water Replacement (Fund 610)														
15-W004	Dougherty Road Utilities	5%	3,000	0	0	0	0	0	0	0	0	0	0	3,000
T16-70	Corporation Yard & Administrative Facilities	5%	310,000	15,000	0	0	0	0	0	0	0	0	0	325,000
														328,000
			377,000	390,000	0	0	0	0	0	0	0	0	6,235,000	7,002,000

CIP 10-Year Plan for Fiscal Years Ending 2016 through 2025

Portion of Estimated Cashflow Allocated to Regional Wastewater Replacement (Fund 310)

**Amounts shown are District costs net of grants and other fundings*

CIP No.	Project Name	310 Split	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Future	Total
Main Fund: Regional Wastewater Replacement (Fund 310														
00-3120	Energy Management	75%	0	0	187,500	187,500	187,500	187,500	0	0	0	0	0	750,000
610C130	Wide Area Network Communications	46%	0	0	0	167,900	0	0	0	0	0	0	0	167,900
05-3103	FSL Piping Improvements	100%	50,000	50,000	0	0	0	0	0	0	0	0	0	100,000
05-3206	WWTP SCADA Improvements	100%	230,000	1,160,000	1,327,963	0	0	0	0	0	0	0	0	2,717,963
12-P003	RAS Line Rehabilitation	100%	200,000	0	0	0	0	0	0	0	0	0	0	200,000
13-S004	Pump Stations VFD Replacements	100%	134,900	343,490	537,300	745,000	0	0	0	0	0	0	0	1,760,690
14-P026	WWTP Pavement Road Improvement	100%	407,000	0	0	0	0	0	0	0	0	0	0	407,000
14-S013	Secondary Clarifier #3 Rehabilitation	100%	938,500	0	0	0	0	0	0	0	0	0	0	938,500
15-A006	Trustworthy Electronic Content Management System (ECMS)	53%	133,560	72,610	0	0	0	0	0	0	0	0	0	206,170
15-P018	Foul Air Line Rehabilitation	100%	150,000	0	0	0	0	0	0	0	0	0	0	150,000
T00-36	Biosolids Dewatering Facility	65%	0	0	0	0	0	0	0	3,711,500	0	3,711,500	3,711,500	11,134,500
T00-37	Recoating of Digester Interior Covers 3, 2, and 1	100%	0	0	79,000	79,000	132,000	0	0	0	0	0	0	290,000
T10-82	Biofilters Rehabilitation	100%	0	0	0	0	0	0	0	0	0	385,500	571,000	956,500
T10-83	Cover Primary Clarifiers	100%	0	0	0	0	0	0	0	0	0	0	5,940,000	5,940,000
T12-08	Cover Settled Sewage Channel	100%	0	0	0	0	0	0	0	0	0	0	1,238,000	1,238,000
T12-17	WWTP Influent Sewer Separation & Metering	100%	0	0	0	0	0	0	0	0	0	0	1,053,000	1,053,000
T12-19	WWTP Fencing and Security - Phase 2	100%	0	0	0	0	1,210,000	0	0	0	0	0	0	1,210,000
T16-01	Hypochlorite Building Rehabilitation	100%	0	0	306,000	0	0	0	0	0	0	0	0	306,000
T16-02	Bio-Gas Treatment System Improvements	100%	0	70,000	0	0	0	0	0	0	0	0	0	70,000
T16-03	Cogeneration Engine #2 Rich Burn and Fuel Swith	100%	0	70,000	0	0	0	0	0	0	0	0	0	70,000
T16-04	WWTP EPS1 and EPS2 Pump Modifications	100%	0	250,000	0	0	0	0	0	0	0	0	0	250,000
T16-06	WWTP Recycled and Potable Water Systems	100%	0	0	200,000	184,000	0	0	0	0	0	0	0	384,000
T16-07	WWTP Administration Building Improvements	100%	0	260,000	0	0	0	0	0	0	0	0	0	260,000

Portion of Estimated Cashflow Allocated to Regional Wastewater Replacement (Fund 310)

**Amounts shown are District costs net of grants and other fundings*

CIP No.	Project Name	310 Split	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Future	Total
T16-08	District Office Improvements	53%	0	66,250	0	0	0	0	0	0	0	0	0	66,250
T16-11	WWTP Motor Control Center and Distribution Panel "A" Improvements	100%	0	0	400,000	500,000	0	0	0	0	0	0	0	900,000
T16-32	WWTP Electrical System Master Plan	100%	0	0	230,000	0	0	0	0	0	0	0	0	230,000
T16-33	WWTP Lighting	100%	85,000	0	0	0	0	0	0	0	0	0	0	85,000
T16-34	Gravity Belt Thickener Rehabilitation	100%	0	0	0	40,000	0	0	0	0	0	0	0	40,000
T16-35	Ferrous Chloride System Improvements	100%	0	0	102,600	0	0	0	0	0	0	0	0	102,600
T16-39	WWTP Fire Alarm System Upgrades	100%	33,000	0	0	0	0	0	0	0	0	0	0	33,000
T16-40	WWTP Pavement Maintenance	100%	0	0	0	0	0	300,000	0	0	0	0	0	300,000
T16-41	FSL Sludge Dewatering	100%	35,000	0	0	0	0	0	0	0	0	0	0	35,000
T16-42	Nutrient Removal	65%	0	0	0	0	0	0	0	0	0	3,302,000	2,411,500	5,713,500
T16-54	WWTP Odor Reduction Tower Replacement	100%	0	0	0	1,028,000	0	0	0	0	0	0	0	1,028,000
T16-60	WWTP Replacement and Rehabilitation Allowance	100%	400,000	400,000	600,000	600,000	700,000	700,000	800,000	800,000	900,000	900,000	5,000,000	11,800,000
T16-63	Board Meeting Audio/Video Improvements	45%	45,000	0	0	0	0	0	0	0	0	0	0	45,000
														50,938,573
Main Fund: Regional Wastewater Expansion (Fund 320)														
07-3203	WWTP Anaerobic Digester No. 4	11%	0	487,410	470,690	0	0	0	0	0	0	0	0	958,100
14-P004	WWTP/Biosolids Master Plan	15%	187,211	0	0	0	0	0	0	0	0	0	0	187,211
14-P005	New Secondary Effluent Line - PWWF Capacity	15%	0	0	34,200	301,500	0	0	0	0	0	0	0	335,700
T12-02	Effluent Pump Station 2 - PWWF Capacity	15%	0	0	0	0	0	0	0	0	0	257,250	0	257,250
T12-03	Influent Pump - PWWF Capacity	15%	0	0	0	0	0	0	0	0	0	0	180,000	180,000
T12-04	Aeration Blower #4	15%	0	0	0	0	206,400	0	0	0	0	0	0	206,400
T12-05	Primary Sedimentation Expansion and Improvements	15%	0	0	0	0	0	86,700	632,400	0	0	0	0	719,100
														2,843,761
Main Fund: Water Replacement (Fund 610)														
T10-71	District Facilities Security Project - Phase 2	10%	0	5,000	0	0	0	0	0	0	0	0	0	5,000
T16-36	AMI Repeater	10%	2,000	0	0	0	0	0	0	0	0	0	0	2,000

Portion of Estimated Cashflow Allocated to Regional Wastewater Replacement (Fund 310)

**Amounts shown are District costs net of grants and other fundings*

CIP No.	Project Name	310 Split	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Future	Total
														7,000
			3,031,171	3,234,760	4,475,253	3,832,900	2,435,900	1,274,200	1,432,400	4,511,500	900,000	8,556,250	20,105,000	53,789,334

CIP 10-Year Plan for Fiscal Years Ending 2016 through 2025

Portion of Estimated Cashflow Allocated to Regional Wastewater Expansion (Fund 320)

**Amounts shown are District costs net of grants and other fundings*

CIP No.	Project Name	320 Split	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Future	Total
Main Fund: Regional Wastewater Replacement (Fund 310														
T00-36	Biosolids Dewatering Facility	35%	0	0	0	0	0	0	0	1,998,500	0	1,998,500	1,998,500	5,995,500
T16-42	Nutrient Removal	35%	0	0	0	0	0	0	0	0	0	1,778,000	1,298,500	3,076,500
														9,072,000
Main Fund: Regional Wastewater Expansion (Fund 320)														
07-3201	DSRSD Participation in Regional Biosolids Facility Project	100%	50,000	50,000	0	0	0	0	0	0	0	0	0	100,000
07-3203	WWTP Anaerobic Digester No. 4	89%	0	3,943,590	3,808,310	0	0	0	0	0	0	0	0	7,751,900
14-P004	WWTP/Biosolids Master Plan	85%	1,060,862	0	0	0	0	0	0	0	0	0	0	1,060,862
14-P005	New Secondary Effluent Line - PWWF Capacity	85%	0	0	193,800	1,708,500	0	0	0	0	0	0	0	1,902,300
T10-61	Facultative Sludge Lagoon #5	100%	0	0	0	0	0	0	0	220,000	1,600,000	0	0	1,820,000
T10-62	WWTP-Emergency Power for Distribution Panel-D	100%	0	0	0	0	0	0	0	0	0	0	5,560,000	5,560,000
T12-02	Effluent Pump Station 2 - PWWF Capacity	85%	0	0	0	0	0	0	0	0	0	1,457,750	0	1,457,750
T12-03	Influent Pump - PWWF Capacity	85%	0	0	0	0	0	0	0	0	0	0	1,020,000	1,020,000
T12-04	Aeration Blower #4	85%	0	0	0	0	1,169,600	0	0	0	0	0	0	1,169,600
T12-05	Primary Sedimentation Expansion and Improvements	85%	0	0	0	0	0	491,300	3,583,600	0	0	0	0	4,074,900
T16-68	WWTP 5th Secondary Clarifier	50%	195,500	1,856,500	0	0	0	0	0	0	0	0	0	2,052,000
														27,969,312
			1,306,362	5,850,090	4,002,110	1,708,500	1,169,600	491,300	3,583,600	2,218,500	1,600,000	5,234,250	9,877,000	37,041,312

CIP 10-Year Plan for Fiscal Years Ending 2016 through 2025

Portion of Estimated Cashflow Allocated to Water Replacement (Fund 610)

**Amounts shown are District costs net of grants and other fundings*

CIP No.	Project Name	610 Split	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Future	Total
Main Fund: Local Wastewater Replacement (Fund 210)														
T16-44	Facilities Relocation for Dublin Blvd Widening - Sierra Court to Dublin Court	30%	27,750	288,150	0	0	0	0	0	0	0	0	0	315,900
T16-62	Street Overlay Modification Allowance	50%	70,000	70,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	0	780,000
														1,095,900
Main Fund: Regional Wastewater Replacement (Fund 310														
00-3120	Energy Management	25%	0	0	62,500	62,500	62,500	62,500	0	0	0	0	0	250,000
610C130	Wide Area Network Communications	44%	0	0	0	160,600	0	0	0	0	0	0	0	160,600
15-A006	Trustworthy Electronic Content Management System (ECMS)	37%	93,240	50,690	0	0	0	0	0	0	0	0	0	143,930
T16-08	District Office Improvements	37%	0	46,250	0	0	0	0	0	0	0	0	0	46,250
T16-63	Board Meeting Audio/Video Improvements	45%	45,000	0	0	0	0	0	0	0	0	0	0	45,000
														645,780
Main Fund: Water Replacement (Fund 610)														
00-6130	Reservoir Recoating	100%	0	0	0	0	0	0	0	0	0	0	4,386,000	4,386,000
00-A002	Access Road Improvements	80%	0	0	160,000	0	160,000	0	160,000	0	160,000	0	0	640,000
08-6103	Water Main-t16-29 Rd to 12th St	100%	0	0	444,600	0	0	0	0	0	0	0	0	444,600
09-6101	Water and Recycled Water SCADA Improvements	98%	3,086,220	1,182,360	0	0	0	0	0	0	0	0	0	4,268,580
12-W006	Water System Operations Plan	100%	16,800	0	0	0	0	0	0	0	0	0	0	16,800
12-W007	Water Sampling Stations	100%	120,000	60,000	0	0	0	0	0	0	0	0	0	180,000
12-W016	Reservoirs 1B and 2 Recoating	100%	385,000	0	625,000	230,500	0	0	0	0	0	0	0	1,240,500
14-W006	Reservoir R20 Altitude Valve	100%	0	0	200,000	0	0	0	0	0	0	0	0	200,000
15-R008	Reservoir R200 Chlorination Facility	100%	0	0	205,000	0	0	0	0	0	0	0	0	205,000
15-W004	Dougherty Road Utilities	55%	33,000	0	0	0	0	0	0	0	0	0	0	33,000
15-W010	Pipeline Replacement Pilot Project	100%	140,000	0	0	0	0	0	0	0	0	0	0	140,000
15-W017	Water Distribution System Water Quality Improvements	100%	566,300	0	0	0	0	0	0	0	0	0	0	566,300
T10-87	Camp Parks Cromwell Avenue and 12th Street Main Replacement	100%	0	0	0	0	0	513,650	0	0	0	0	0	513,650

Portion of Estimated Cashflow Allocated to Water Replacement (Fund 610)

**Amounts shown are District costs net of grants and other fundings*

CIP No.	Project Name	610 Split	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Future	Total
T10-71	District Facilities Security Project - Phase 2	90%	0	45,000	0	0	0	0	0	0	0	0	0	45,000
T10-85	Camp Parks Water Main - Mitchell Drive, Powell to 8th Streets	100%	0	0	170,900	0	0	0	0	0	0	0	0	170,900
T10-86	Camp Parks Water Mains - Lorring Street and Monroe Avenue	100%	0	0	0	355,100	0	0	0	0	0	0	0	355,100
T10-88	Water Lines Replacement - Wineberry Area	100%	0	764,100	1,443,100	0	0	0	0	0	0	0	0	2,207,200
T16-09	FOD MCC Improvements - PS1A and PS3A	100%	0	0	140,000	0	0	0	0	0	0	0	0	140,000
T16-28	Water Lines Replacement - Tamarack Drive - Village Pkwy to Firethorn Way	100%	0	0	0	0	1,101,800	0	0	0	0	0	0	1,101,800
T16-29	Water Lines Replacement - Canterbury Lane and Cardigan Street	100%	0	0	0	0	1,189,580	0	0	0	0	0	0	1,189,580
T16-30	Water Line Replacement Phase 2 - Canterbury Lane	100%	0	0	0	0	0	1,208,740	0	0	0	0	0	1,208,740
T16-31	Water Line Replacement - Ironwood Drive	100%	0	0	0	0	0	0	0	0	1,210,250	0	0	1,210,250
T16-36	AMI Repeater	80%	16,000	0	0	0	0	0	0	0	0	0	0	16,000
T16-37	Microfiltration Rack and Membrane Replacement	100%	0	0	0	0	0	0	0	0	997,500	0	0	997,500
T16-43	Water Supply Reliability	65%	162,500	162,500	0	0	0	0	0	0	0	0	0	325,000
T16-46	Microfiltration Membrane Replacement	100%	199,500	0	0	0	0	0	0	0	0	0	0	199,500
T16-61	Water System Replacement and Rehabilitation Allowance	100%	145,000	145,000	145,000	145,000	145,000	145,000	145,000	145,000	145,000	145,000	10,580,000	12,030,000
T16-65	Emergency Response	100%	100,000	100,000	100,000	100,000	100,000	0	0	0	0	0	0	500,000
T16-67	Reservoir Recoating	100%	0	0	0	0	0	0	0	0	0	0	4,386,000	4,386,000
T16-70	Corporation Yard & Administrative Facilities	55%	3,410,000	165,000	0	0	0	0	0	0	0	0	0	3,575,000
														42,492,000
Main Fund: Water Expansion (Fund 620)														
08-6203	Water Reservoir 1C	10%	0	0	0	0	0	0	0	0	0	743,300	0	743,300
14-R025	Recycled Water Expansion State Grant Assistance	33%	8,250	0	0	0	0	0	0	0	0	0	0	8,250
15-R009	Recycled Water Expansion Ph 1: Distribution to West Dublin and Alameda County Facilities	35%	1,404,900	0	0	0	0	0	0	0	0	0	0	1,404,900
T00-23	Water Main-Res 1C to Shady Creek	20%	0	0	0	0	0	0	0	0	0	0	51,600	51,600

Portion of Estimated Cashflow Allocated to Water Replacement (Fund 610)

**Amounts shown are District costs net of grants and other fundings*

CIP No.	Project Name	610 Split	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Future	Total
T00-24	Water Main-Res 1C to Stagecoach Rd & S. Lake Dr	10%	0	0	0	0	0	0	0	0	0	0	39,010	39,010
T00-27	Water Pump Station 1B	5%	0	0	0	0	0	0	0	0	0	0	206,800	206,800
T00-28	Water Main-Turnout 2 to Reservoir 1C	10%	0	0	0	0	0	0	0	0	0	0	95,080	95,080
														2,548,940
			10,029,460	3,079,050	3,776,100	1,133,700	2,838,880	2,009,890	385,000	225,000	2,592,750	968,300	19,744,490	46,782,620

CIP 10-Year Plan for Fiscal Years Ending 2016 through 2025

Portion of Estimated Cashflow Allcoated to Water Expansion (Fund 620)

**Amounts shown are District costs net of grants and other fundings*

CIP No.	Project Name	620 Split	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Future	Total
Main Fund: Regional Wastewater Expansion (Fund 320)														
T16-68	WWTP 5th Secondary Clarifier	50%	195,500	1,856,500	0	0	0	0	0	0	0	0	0	2,052,000
														2,052,000
Main Fund: Water Replacement (Fund 610)														
15-W004	Dougherty Road Utilities	30%	18,000	0	0	0	0	0	0	0	0	0	0	18,000
T16-43	Water Supply Reliability	35%	87,500	87,500	0	0	0	0	0	0	0	0	0	175,000
T16-70	Corporation Yard & Administrative Facilities	30%	1,860,000	90,000	0	0	0	0	0	0	0	0	0	1,950,000
														2,143,000
Main Fund: Water Expansion (Fund 620)														
05-6204	Water Main-Bollinger Canyon Rd. to Reservoir 200B	100%	0	0	0	0	0	650,500	0	0	0	0	0	650,500
08-6202	Pump Station 20A Improvements	100%	0	0	360,800	0	0	0	0	0	0	0	0	360,800
08-6203	Water Reservoir 1C	90%	0	0	0	0	0	0	0	0	0	6,689,700	0	6,689,700
12-W013	Water Main - Fallon Rd, Tassajara Rd to Tassajara Creek	100%	315,500	0	0	0	0	0	0	0	0	0	0	315,500
14-R009	Recycled Water Expansion - Camp Parks Phase 1, Dougherty Road to Davis Avenue	100%	0	0	333,500	0	0	0	0	0	0	0	0	333,500
14-R010	Recycled Water Expansion - Camp Parks Phase 2, Powers Street	100%	0	0	0	523,700	0	0	0	0	0	0	0	523,700
14-R025	Recycled Water Expansion State Grant Assistance	67%	16,750	0	0	0	0	0	0	0	0	0	0	16,750
14-W007	Water System Master Plan Update and Capacity Reserve Fee Study	100%	95,931	0	0	0	0	0	0	0	0	0	0	95,931
14-W008	Reservoir 20B	100%	0	0	0	655,000	3,495,000	3,000,000	0	0	0	0	0	7,150,000
15-R009	Recycled Water Expansion Ph 1: Distribution to West Dublin and Alameda County Facilities	65%	2,609,100	0	0	0	0	0	0	0	0	0	0	2,609,100
T00-15	Water Main-Dublin Blvd. to Turnout 6	100%	0	0	0	0	0	0	0	0	0	668,850	0	668,850
T00-23	Water Main-Res 1C to Shady Creek	80%	0	0	0	0	0	0	0	0	0	0	206,400	206,400
T00-24	Water Main-Res 1C to Stagecoach Rd & S. Lake Dr	90%	0	0	0	0	0	0	0	0	0	0	351,090	351,090
T00-25	DERWA Recycled Water Plant - Phase 2	100%	0	3,016,440	3,089,940	0	0	0	0	0	0	0	0	6,106,380

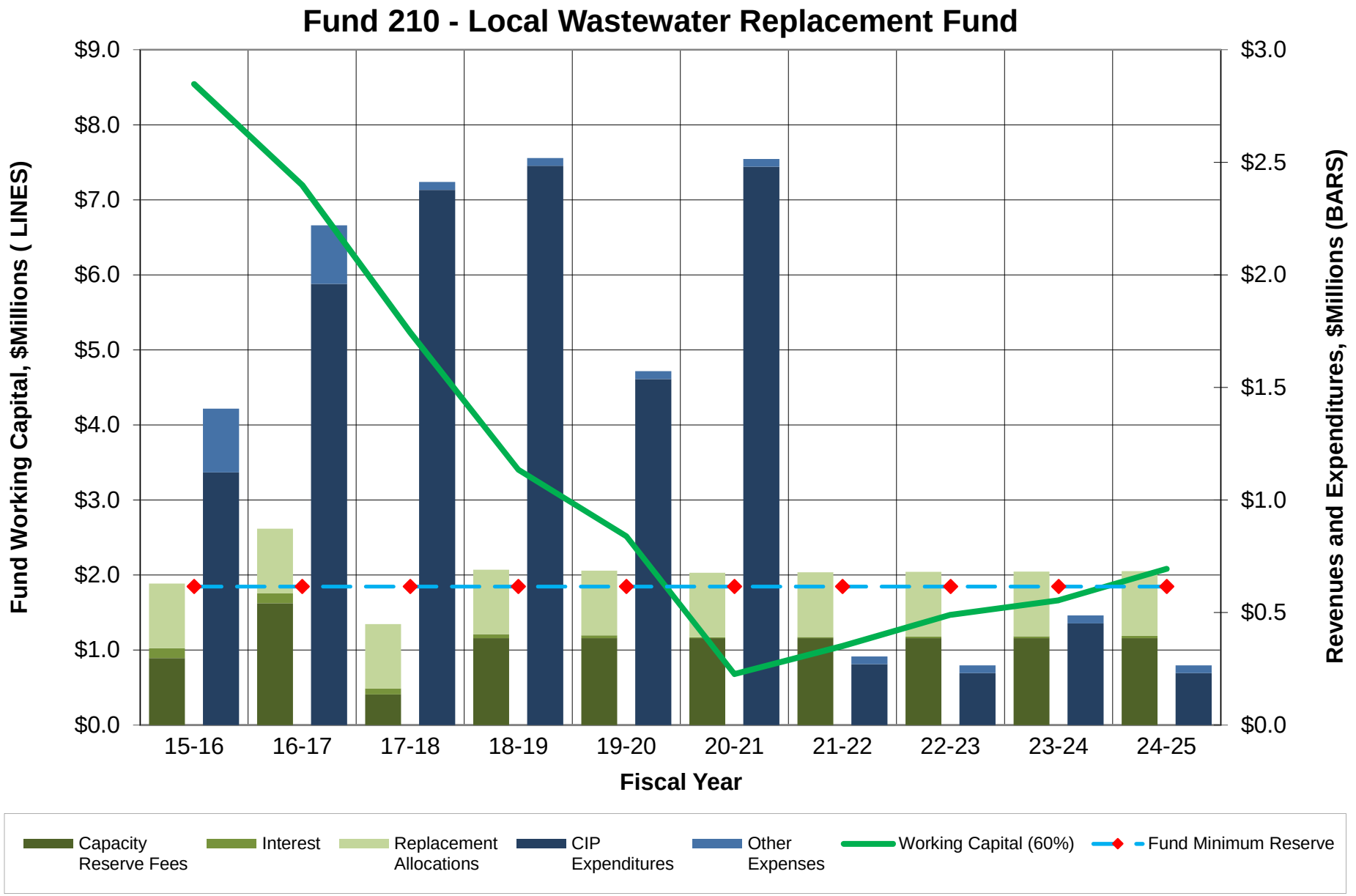
Portion of Estimated Cashflow Allcoated to Water Expansion (Fund 620)

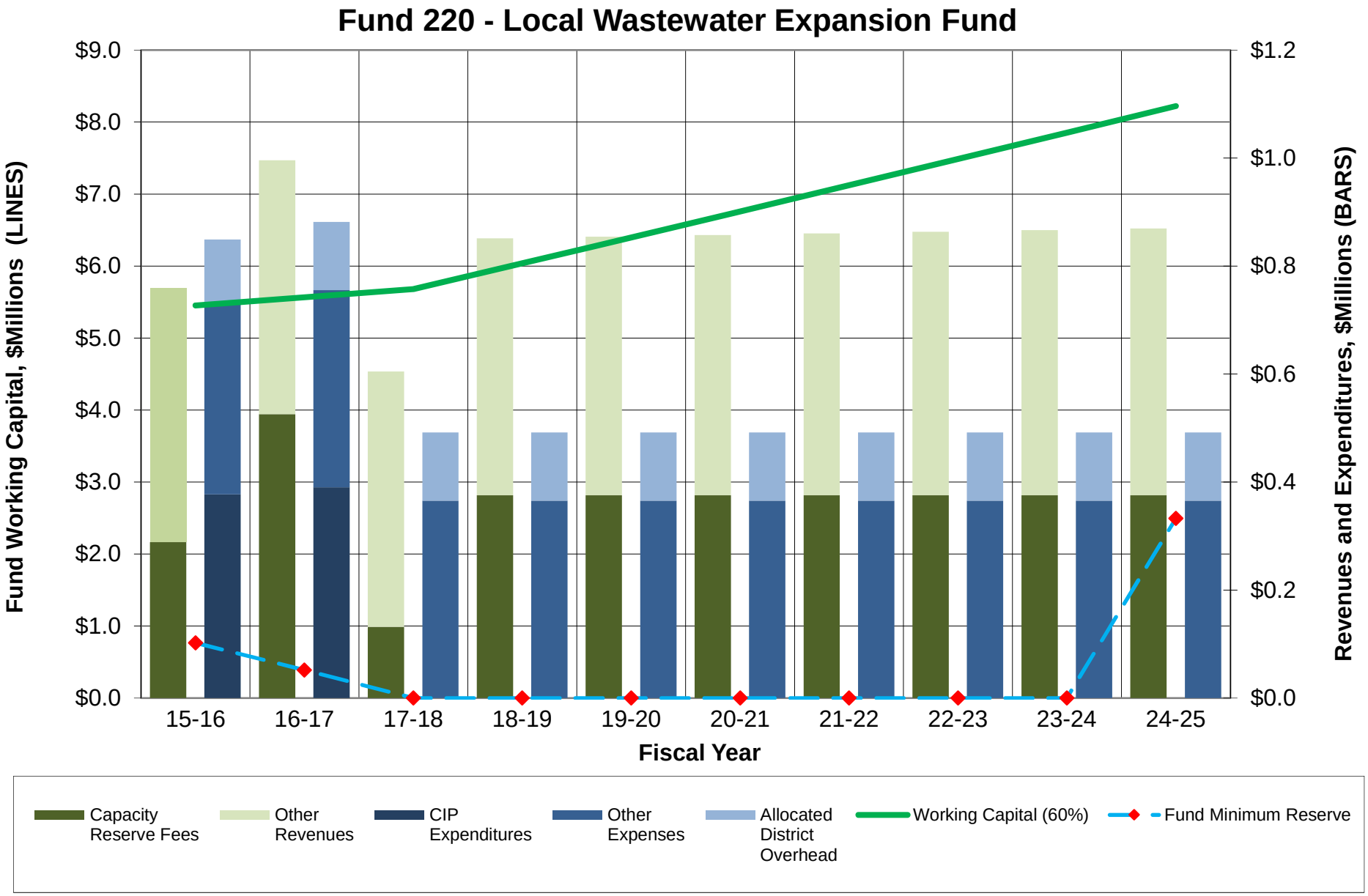
**Amounts shown are District costs net of grants and other fundings*

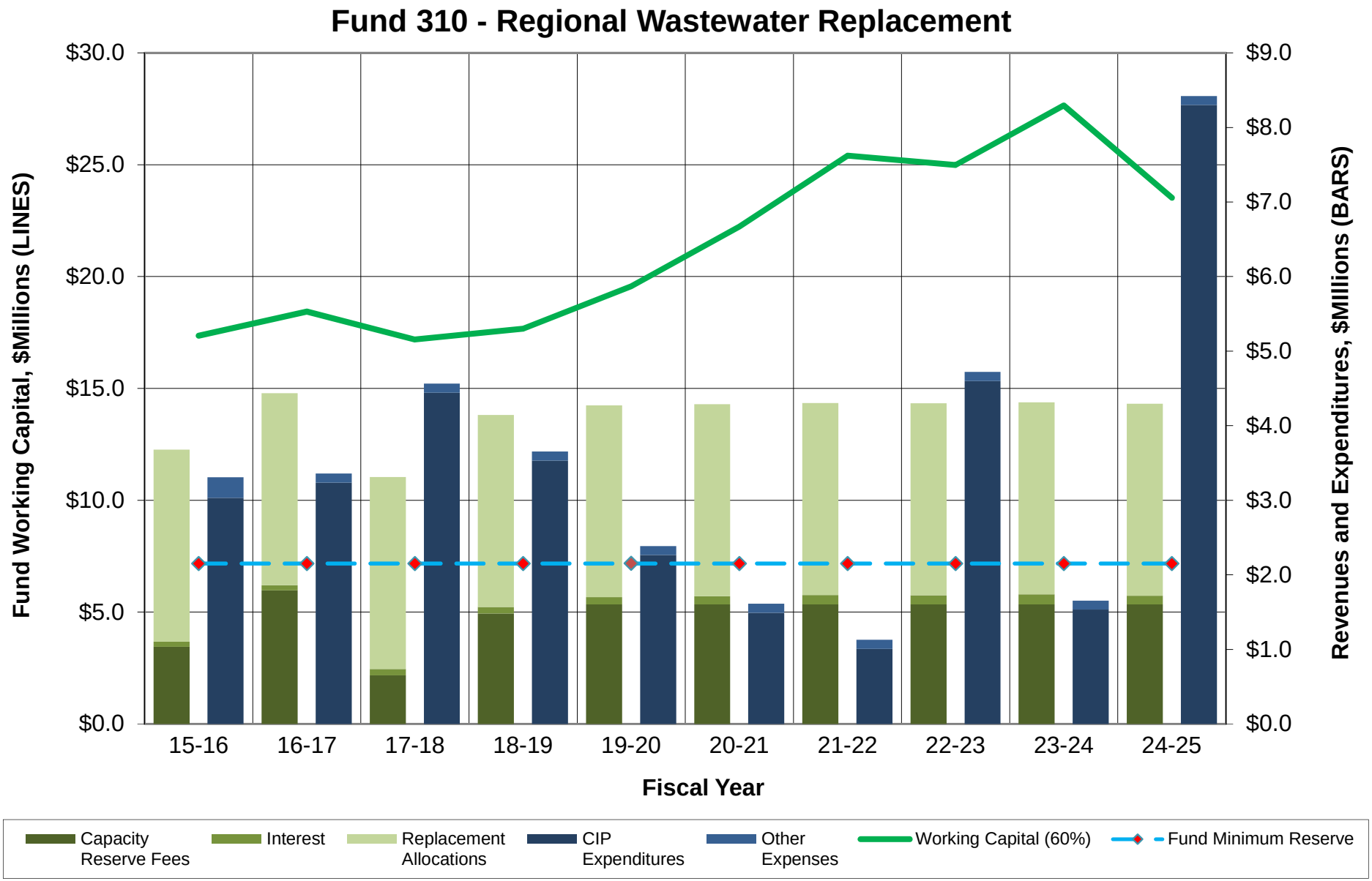
CIP No.	Project Name	620 Split	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Future	Total
T00-26	DERWA Pump Station 1 - Phase 2	100%	0	1,493,800	0	0	0	0	0	0	0	0	0	1,493,800
T00-27	Water Pump Station 1B	95%	0	0	0	0	0	0	0	0	0	0	3,929,200	3,929,200
T00-28	Water Main-Turnout 2 to Reservoir 1C	90%	0	0	0	0	0	0	0	0	0	0	855,720	855,720
T00-29	Turnout 6	100%	0	0	0	0	0	0	0	0	0	0	2,533,000	2,533,000
T14-10	Water System Master Plan Update and Operations Plan Update	100%	0	0	0	0	0	500,000	0	0	0	0	0	500,000
T14-16	Recycled Water Expansion - Camp Parks Phase 3, Davis Avenue, 5th to 10th Streets	100%	0	0	0	0	527,400	0	0	0	0	0	0	527,400
T16-38	DERWA Recycled Water Treatment Facility 6th Filter	100%	160,000	0	0	0	0	0	0	0	0	0	0	160,000
T16-45	DERWA Supplemental Supply	100%	0	513,450	0	0	0	0	0	0	0	0	0	513,450
T16-66	Water Reuse Demonstration Project	100%	100,000	200,000	0	0	0	0	0	0	0	0	0	300,000
														36,890,771
			5,458,281	7,257,690	3,784,240	1,178,700	4,022,400	4,150,500	0	0	0	7,358,550	7,875,410	41,085,771

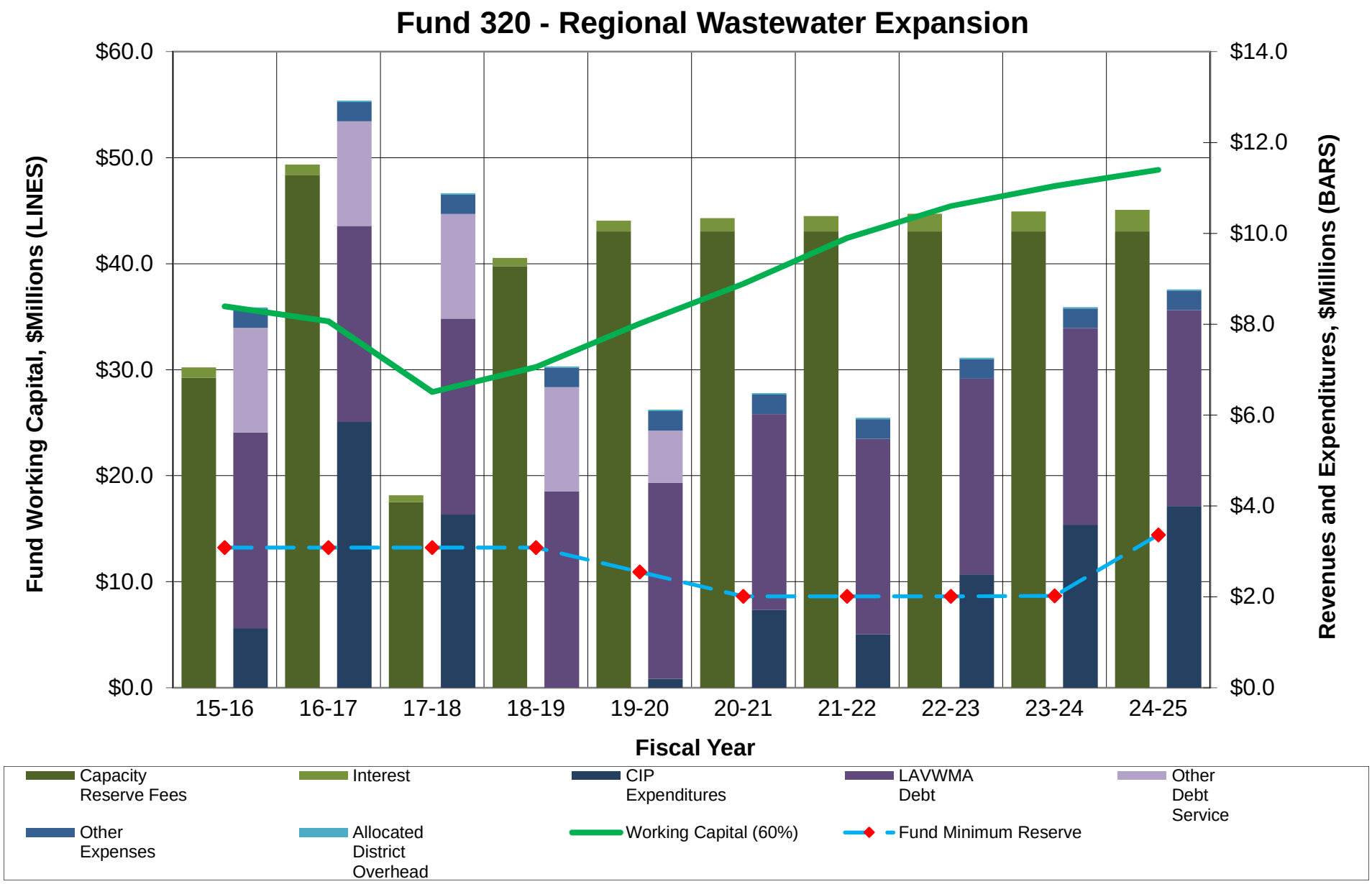
APPENDIX C:
Reduced Capacity Fee
Working Capital

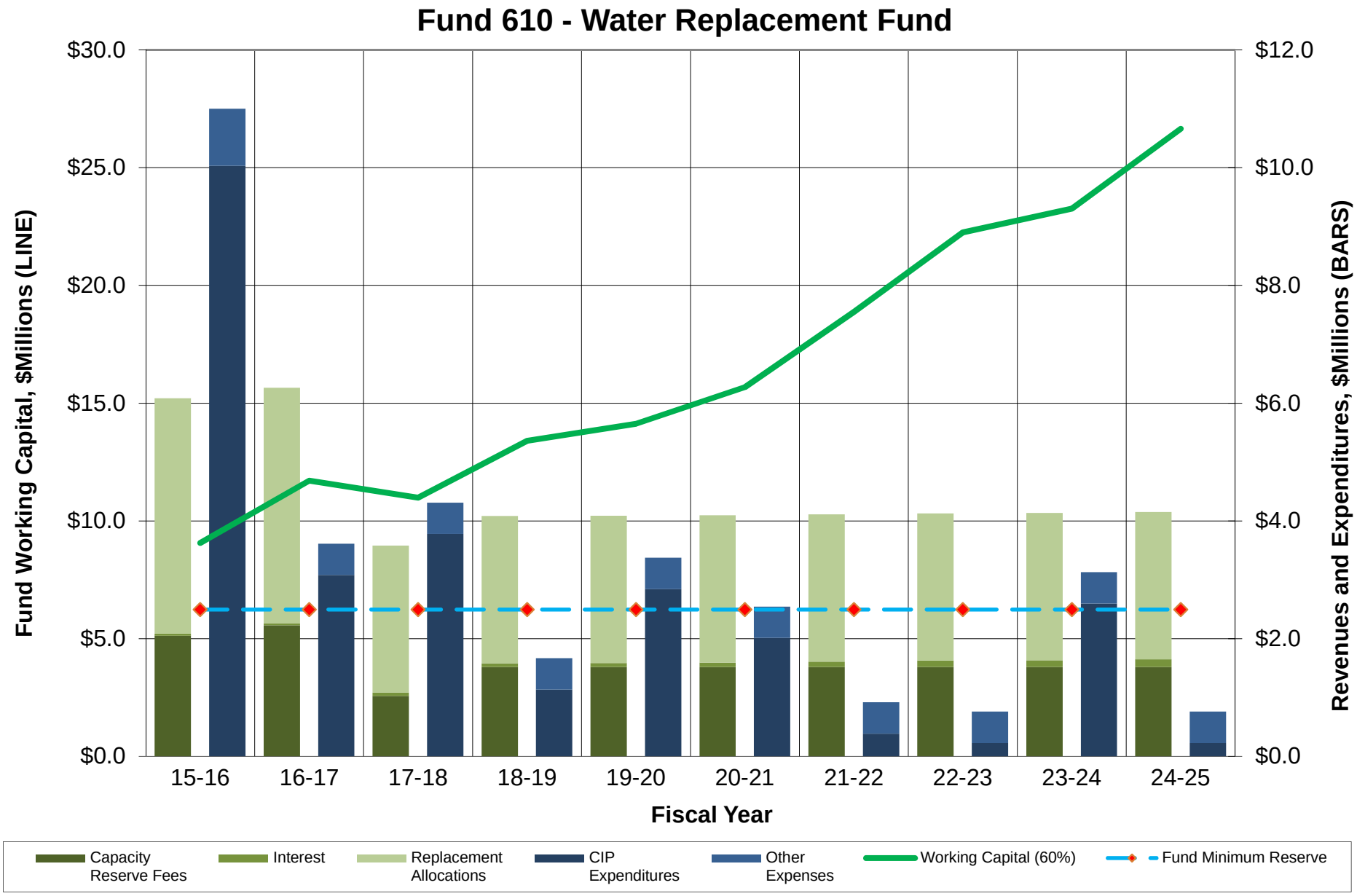
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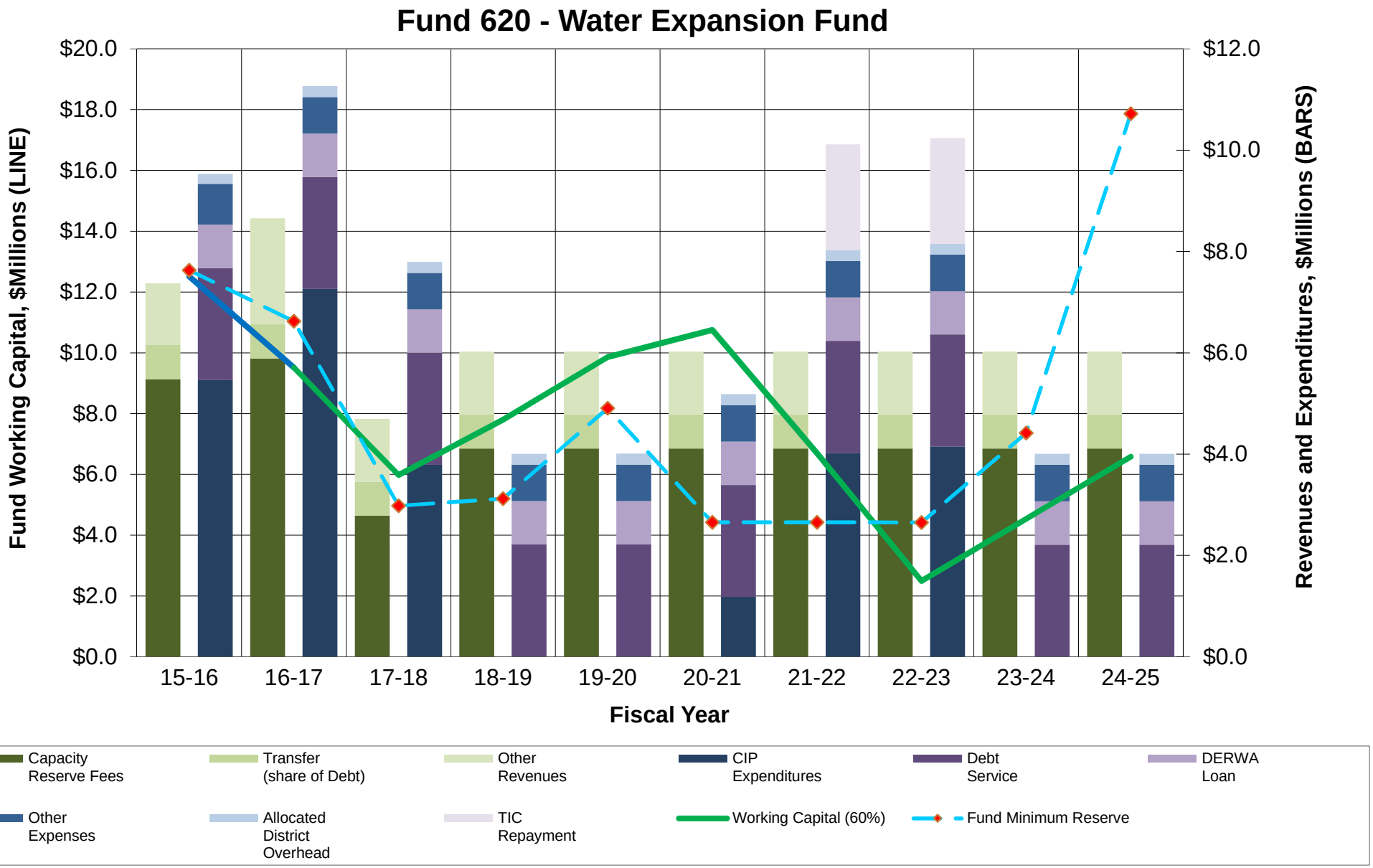

Fund 210 - Local Wastewater Replacement Fund
Fund Working Capital, $Millions (LINES)
Revenues and Expenditures, $Millions (BARS)
$9.0
$8.0
$7.0
$6.0
$5.0
$4.0
$3.0
$2.0
$1.0
$0.0
$3.0
$2.5
$2.0
$1.5
$1.0
$0.5
$0.0
15-16
16-17
17-18
18-19
19-20
20-21
21-22
22-23
23-24
24-25
Fiscal Year
Capacity Reserve Fees
Interest
Replacement Allocations
CIP Expenditures
Other Expenses
Working Capital (60%)
Fund Minimum Reserve


Fund 220 - Local Wastewater Expansion Fund
Fund Working Capital, $Millions (LINES)
Revenues and Expenditures, $Millions (BARS)
$9.0
$8.0
$7.0
$6.0
$5.0
$4.0
$3.0
$2.0
$1.0
$0.0
$1.2
$1.0
$0.8
$0.6
$0.4
$0.2
$0.0
15-16
16-17
17-18
18-19
19-20
20-21
21-22
22-23
23-24
24-25
Fiscal Year
Capacity Reserve Fees
Other Revenues
CIP Expenditures
Other Expenses
Allocated District Overhead
Working Capital (60%)
Fund Minimum Reserve


Fund 310 - Regional Wastewater Replacement
Fund Working Capital, $Millions (LINES)
Revenues and Expenditures, $MIllions (BARS)
$30.0
$25.0
$20.0
$15.0
$10.0
$5.0
$0.0
$9.0
$8.0
$7.0
$6.0
$5.0
$4.0
$3.0
$2.0
$1.0
$0.0
15-16
16-17
17-18
18-19
19-20
20-21
21-22
22-23
23-24
24-25
Fiscal Year
Capacity Reserve Fees
Interest
Replacement Allocations
CIP Expenditures
Other Expenses
Working Capital (60%)
Fund Minimum Reserve


Fund 320 - Regional Wastewater Expansion
Fund Working Capital, $Millions (LINES)
Revenues and Expenditures, $Millions (BARS)
$60.0
$50.0
$40.0
$30.0
$20.0
$10.0
$0.0
$14.0
$12.0
$10.0
$8.0
$6.0
$4.0
$2.0
$0.0
15-16
16-17
17-18
18-19
19-20
20-21
21-22
22-23
23-24
24-25
Fiscal Year
Capacity Reserve Fees
Interest
CIP Expenditures
LAVWMA Debt
Other Debt Service
Other Expenses
Allocated District Overhead
Working Capital (60%)
Fund Minimum Reserve


Fund 610 - Water Replacement Fund
Fund Working Capital, $Millions (LINE)
Revenues and Expenditures, $Millions (BARS)
$30.0
$25.0
$20.0
$15.0
$10.0
$5.0
$0.0
$12.0
$10.0
$8.0
$6.0
$4.0
$2.0
$0.0
15-16
16-17
17-18
18-19
19-20
20-21
21-22
22-23
23-24
24-25
Fiscal Year
Capacity Reserve Fees
Interest
Replacement Allocations
CIP Expenditures
Other Expenses
Working Capital (60%)
Fund Minimum Reserve


Fund 620 - Water Expansion Fund
Fund Working Capital, $Millions (LINE)
Revenues and Expenditures, $Millions (BARS)
$20.0
$18.0
$16.0
$14.0
$12.0
$10.0
$8.0
$6.0
$4.0
$2.0
$0.0
$12.0
$10.0
$8.0
$6.0
$4.0
$2.0
$0.0
15-16
16-17
17-18
18-19
19-20
20-21
21-22
22-23
23-24
24-25
Fiscal Year
Capacity Reserve Fees
Transfer (share of Debt)
Other Revenues
CIP Expenditures
Debt Service
DERWA Loan
Other Expenses
Allocated District Overhead
TIC Repayment
Working Capital (60%)
Fund Minimum Reserve

Appendix D:
Glossary of Acronyms and Terms

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The following is a list of acronyms and terms commonly used throughout the document:

ADWF	Average Dry Weather Flow
CEQA	California Environmental Quality Act
CMMS	Computerized Maintenance Management System
DAFT	Dissolved Air Flotation Thickener
DERWA	DSRSD-EBMUD Recycled Water Authority (Agency created by a JPA to administer and manage the recycled water transmission facilities that treats wastewater from the RWTP and distributes it as recycled water to DSRSD and EBMUD customers in the Cities of Dublin and San Ramon.)
DLD	Dedicated Land Disposal
DPD	Distribution Panel-D
DSRSD	Dublin San Ramon Services District
DUE	Dwelling Unit Equivalent (Unit of measure the District uses to allocate capacity; One DUE is equal to 220 gallons.)
EBMUD	East Bay Municipal Utility District
EDEN	Financial Management Database from Tyler Technologies that the District uses
FCI	Federal Correctional Institute (Dublin, CA)
FOD	Field Operations Department
FOG	Fats, Oils, and Grease
FSL	Facultative Sludge Lagoon
GBA	Integrated Software brand used to organize, manage, centralize infrastructure data; store inventory and inspection data, and work orders for preventative maintenance, etc.
GBT	Gravity Belt Thickener
GIS	Graphic Information System
I&I	Inflow and Infiltration - clean storm and/or groundwater that enters the sewer system through cracked pipes, leaky manholes, or improperly connected storm drains, down spouts and sump pumps. Most inflow comes from storm water and most infiltration comes from groundwater. I&I's are a cause of sanitary sewer overflows and backups that release raw sewage into the environment and homes.
LAVWMA	Livermore Amador Valley Water Management Agency (Agency created by a JPA to administer and manage the regional sewer pipeline that transports treated wastewater from the RWTP to the San Francisco Bay for disposal. The parties to the JPA are the City of Pleasanton, City of Livermore, and DSRSD.)
LIMS	Laboratory Information Management System
MG	Million Gallons
MGD	Million Gallons Per Day
NPDES	National Pollutant Discharge Elimination System (Authorized by the Clean Water Act, it is a permit program that controls water pollution by regulating point sources that discharge pollutants into waters of the United States)
ORT	Odor Reduction Tower
PRFTA	Parks Reserve Forces Training Area (Camp Parks, Dublin)
PWWF	Peak Wet Weather Flow
RAS	Return Activated Sludge
RWQCB	Regional Water Quality Control Board
RWTP	Regional Wastewater Treatment Plant
SCADA	Supervisory Control and Data Acquisition
SCFM	Standard Cubic Feet Per Minute
SSO	Sanitary Sewer Overflow
WWTP	Wastewater Treatment Plant

End of Document

Dublin San Ramon Services District
Summary & Recommendation

Agenda Item 9F

Reference	Type of Action	Board Meeting of
Engineering Services Manager	Receive Presentation & Provide Direction	May 5, 2015

Subject
Receive Presentation on the Status of Bay Area Biosolids to Energy

☐ Motion	☐ Minute Order	☐ Resolution	☐ Ordinance	☒ Informational	☐ Other
REPORT:	☐ Verbal	☒ Presentation	☒ Staff	D. McIntyre	☐ Board Member

Recommendation:

The Engineering Services Manager recommends the Board of Directors receive a presentation and discuss the status of the Bay Area Biosolids to Energy (BAB2E) project and, as appropriate, by Consensus, provide direction to staff.

Summary:

At the Board meeting on March 3, 2015, the Board requested an update on the Bay Area Biosolids to Energy project. The attached staff report is a written summary on the status.

Committee Review			Legal Review	Staff Review		
COMMITTEE	DATE	RECOMMENDATION		ORIGINATOR	DEPARTMENT	REVIEWED BY
---	---	---	Not Required	S. Delight	Eng Services	

ATTACHMENTS ☐ *None*

☐ Resolution	☐ Minute Order	☐ Task Order	☒ Staff Report	☐ Ordinance

☒ Cost $0	☐ Funding Source A. B.	Attachments to S&R 1. BAB2E Update Presentation 2. 3.

STAFF REPORT

Presentation on the Status of Bay Area Biosolids to Energy
Dublin San Ramon Services District Board Meeting
May 5, 2015

Background

The District's Biosolids Master Plan, accepted by the Board in 2007, included a recommendation that the District diversify disposal options to respond in a timely manner, in case changes in regulations or public acceptance affect the District's ability to continue disposal of biosolids on the District's Dedicated Land Disposal (DLD) site. The recommendation was made because of the long lead time required to develop a biosolids disposal option if the need arises.

Board Resolution No. 14-09, dated April 6, 2009, authorized participation in the Regional Biosolids Coalition to carry out the recommendation of the Master Plan. The Coalition consisted of 17 bay area agencies working together to develop a regional biosolids to energy disposal project. A Joint Exercise of Powers (JEPA) was formed. Participation in the regional biosolids program is incorporated into the District Strategic Plan.

At this time, the District is continuing to participate in the Coalition. The Coalition has been rebranded as Bay Area Biosolids to Energy, BAB2E or B2E for short. Currently, there are 20 public agencies that are participating agencies in the JEPA. The movement is gaining momentum and a potential project has been identified. The project meets the B2E objectives that have been requested.

Project Status

When initiated, B2E was envisioned to be a traditional planning/environmental, design and construction project and, initially, contracts with consultants were executed to proceed in that fashion. In addition, state and federal lobbying contracts were executed to obtain funding support for the project.

As work progressed as planned and knowledge of the project spread, B2E was contacted by a number of private companies wishing to propose a "merchant" facility. A "merchant" facility is one designed, built, and operated by a private entity. The members would enter either jointly or independently into contracts with the merchant facility to deliver a minimum amount of biosolids at a tipping fee for a minimum of 20 years.

Because of the interest in the new merchant facility concept and because the schedule for the traditional approach was taking longer than anticipated, the Coalition placed the engineering and environmental contracts on hold and issued a Request for Statements of Qualifications (RFQ) to build and operate a merchant facility. The Coalition was surprised to receive 15 RFQ responses by the February 15, 2010 deadline. Moreover, several firms submitted letters wishing to submit an RFQ, but heard about the submission too late to participate. Through a detailed review and interview process, the 15 were cut down to three that showed the most promise: Synagro, Max West Environmental, and Intellergy. Each proposed project used different technology and they were at a different level of development at the time. All the firms were interviewed. Through the interviews they all showed promise. However, none

of the three were fully proven at a scale large enough to move forward. When the RFQ process was completed, there was not enough information for the firms to proceed immediately to make firm cost proposals; therefore, the Coalition decided to reassess the project.

Biosolids contain a high amount of potential energy. With the proper technology it is possible to unlock the energy, without combustion, while reducing the overall volume. In early 2014, technology had improved and a request for proposals was sent out by B2E. The request was for net energy positive technology to reduce and aid in disposing of biosolids without combustion. It also requested that the biosolids be delivered "wet" to reduce energy used to dry the biosolids prior to processing. The "wet" biosolids are approximately 15-25% solids, which roughly is the consistency of mud.

Two firms proposed and it was decided to negotiate non-binding term sheets with both. The firms were Max West and SCFI. Shortly after the negotiations began with each company, Max West filed for bankruptcy. About the same time, SCFI partnered with Synagro, and decided to have Synagro take the lead in project development. Synagro and SCFI had already teamed up for the proposal with Synagro as the facility operator.

A non-binding term sheet was signed by the Coalition in February 2015 with Synagro. The term sheet includes a formula for the tipping fee for users taking biosolids to the facility for disposal. As of now, the total tipping fee has yet to be established. However, it will be in the range of $60-$90 per wet ton.

The B2E Coalition and Synagro are actively searching for grants on both the state and federal level to bring down the overall project cost. Another funding option are loan programs through the state. Currently, Synagro is working on getting approvals for low interest loans leveraging the public/private partnership. If this type of a loan comes through, the tipping fee for each load could be reduced to $6-$10 per wet ton over the life of the project.

A subgroup of the B2E Coalition began work on conceptualizing a new governance structure to take on the lead role for the project. To streamline state or federal funding or financing and to show a public/private partnership, an appropriate governmental structure of B2E needs to be established. At this time, the subgroup is investigating forming a Joint Powers Authority (JPA). The JPA would become the lead agency for environmental work and would sign a contract with Synagro once worked out. Each agency that chooses to deliver biosolids would then contract with the JPA to deliver biosolids.

Technology

The process is called hydrothermal water oxidation. It involves injecting the biosolids and oxygen into a high pressure (approximately 3,400 psi) high temperature (approximately 1,100 degrees F) environment where the biosolids are oxidized. Once the process is initially started, the oxidation reaction creates enough heat to continue the reaction as long as biosolids are fed into the unit. Byproducts are steam/hot water, CO2, and an ash of non-organics. Waste heat can be used to generate electricity or other beneficial uses on the host site. The CO2 can be captured and sold as commercial compressed CO2 or dry ice. Some constituents of the ash can be refined to pure elements such as phosphorus and other useful materials. See attachment for a schematic of the process.

The project that is currently being negotiated is considered a small commercial demonstration project capable of 22.5 wet tons of biosolids per day. This is equal to 3-4 semi-truck loads of biosolids. To provide a sense of scale, the DSRSD Wastewater Treatment Plant produces about 100,000 gallons of biosolids at 2% solids per day (50 wet tons if converted to 15% solids). The facility would require a site of approximately 1/2 acre.

Currently, there is a smaller unit (1/10 scale) being constructed in Spain that will be operational this summer and will be fed by municipal biosolids. Synagro will be sending staff to observe start-up of the unit and they will also operate it for several weeks. This will help determine long-term operational costs.

Location

One of the first major steps of the project is locating a suitable location. Synagro is currently evaluating 3 sites while trying to find a synergy that works for the site. The sites being evaluated are Delta Diablo Sanitation District, West County Wastewater District, and DSRSD. Each site has advantages and disadvantages.

DSRSD

DSRSD is one of 3 sites currently being considered due to location, and it stands out due to the fact that there is no sludge dewatering on site. DSRSD's biosolids are approximately 3% solids (mostly water). The unit requires the biosolids feed stock at approximately 15-18% solids. The planned operation would be to mix our biosolids with trucked in biosolids (approximately 25% solids) to achieve the desired consistency without using any additional water. DSRSD's location also has benefits to others in the coalition, as we are at the intersection of major freeways and nearby several other agencies. The challenge for the DSRSD site is finding adequate space for the facility.

Delta Diablo Sanitation District

Delta Diablo meets the needs for the project as there is land available for the site, and it is in an industrialized area and adjacent to an existing power plant. It is near the freeway and access is adequate. However, the location is far from many Coalition members. Another potential issue for the site would be that trucked in biosolids will likely need water added to the process to meet the desired feed stock consistency.

West County Wastewater District

West County meets the needs for the project as there is land available for the site, and it is in an industrialized area. It is off of Richmond Parkway and access is adequate. Potential issues for the site would be that trucked in biosolids will likely need water added to the process to meet the desired feed stock consistency. There are also benefits for West County as the process can help them meet an alkalinity issue for their effluent while reducing chemicals used.

Long-term Biosolids Disposal for DSRSD

At this time, DSRSD's method of biosolids disposal works well and is very cost effective. The biosolids are pumped from the digesters to the Facultative Sludge Lagoons (FSL). Once the biosolids are in the FSL, it polishes for approximately five years before it is "harvested" and applied to the DLD, which is the bare land adjacent to the FSL. When biosolids are applied to the DLD they are still mostly water at 3-4% solids. The DLD soil is made of up a very stiff clay which is not very permeable. That property is ideal for the DLD as water from the land application does not seep down through the soil. However, it also causes the soil on the surface to become hydraulically impacted when harvesting biosolids. Due to the water content of the biosolids being applied to the DLD, the field will become too wet to drive the equipment in without becoming stuck. This will eventually prevent a lagoon from being totally cleaned in the summer. Essentially, biosolids will be produced at a rate faster than can be applied to the DLD.

At that time, dewatering will need to be added to the process to remove the portion of biosolids that cannot be land applied. Based on previous studies, the timing to add dewater to the process is approximately in 2018. However, we are currently working on a 2015 Wastewater Treatment Plant and Biosolids Master Plan and that may adjust the timing based on information from the new Master Plan.

B2E could be an alternative needed to maximize biosolids disposal capacity at our existing DLD. Only a small portion of biosolids could be diverted to the B2E facility, thus, reducing the impact to the FSL and DLD. This small percentage is more costly than the current disposal method; however, when blended with the overall disposal cost, the cost would remain low.

Attachment: Process Diagram

H:\Board\2015\05-05-15\Regional Biosolids\STAFF REPORT.docx

Final cooling before pressure letdown.

Excess heat can be recovered in the form of steam or electricty.

Pressure letdown.
Upstream pressure 3480 psi. down stream pressure 29 psi.

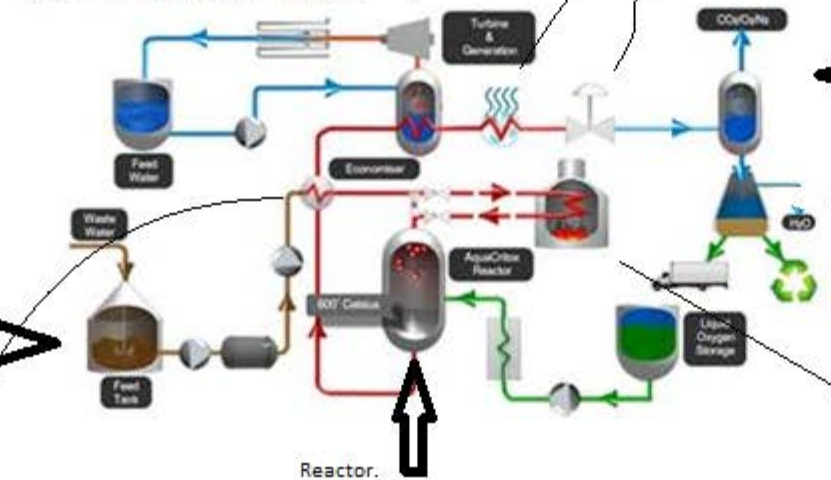
Blue lines show water at below 100 degC.

Brown lines show sludge at below 100 degC

Red lines show sludge/water at above 370 degC.

Green line is oxygen at 15 degC.

Diagram of AquaCritox® Process



Gas/liquid separation.
The effluent stream. Containing gas water and inert materials. enters a seraration vessel The gas is cycloned out and vented the liquid and solid stream enters the effluent tank.

Effluent tank.
The liquid and solids fraction of the effluent enter here post the gas liquid separation. this stream may be sent to a centrifuge or a plate and frame filter press to separate the water and inert material.

Feed tank.
Slugde to be processed.

Reactor.
This is where the sludge is reacted with the oxygen to destroy all organics in the sludge. the sludge is at a pressure of 3480 psi and will reach a temperature of 1085 degF.

The products of this reaction are heat, water, Nitrogen, Carbon dioxide. The inert ash material that was in the feed (silica and phosphorus). remain untouched by the process and will exit the reactor as a fine powder carried by the water.

Fired heater.
this heats the process stream to above 750 degF

Heat exchanger.
Effluent from the reactor heats the incomming feed stream. also known as an economiser.

Attachment to Staff Report

BAB2E Update

MAY 5, 2015

History

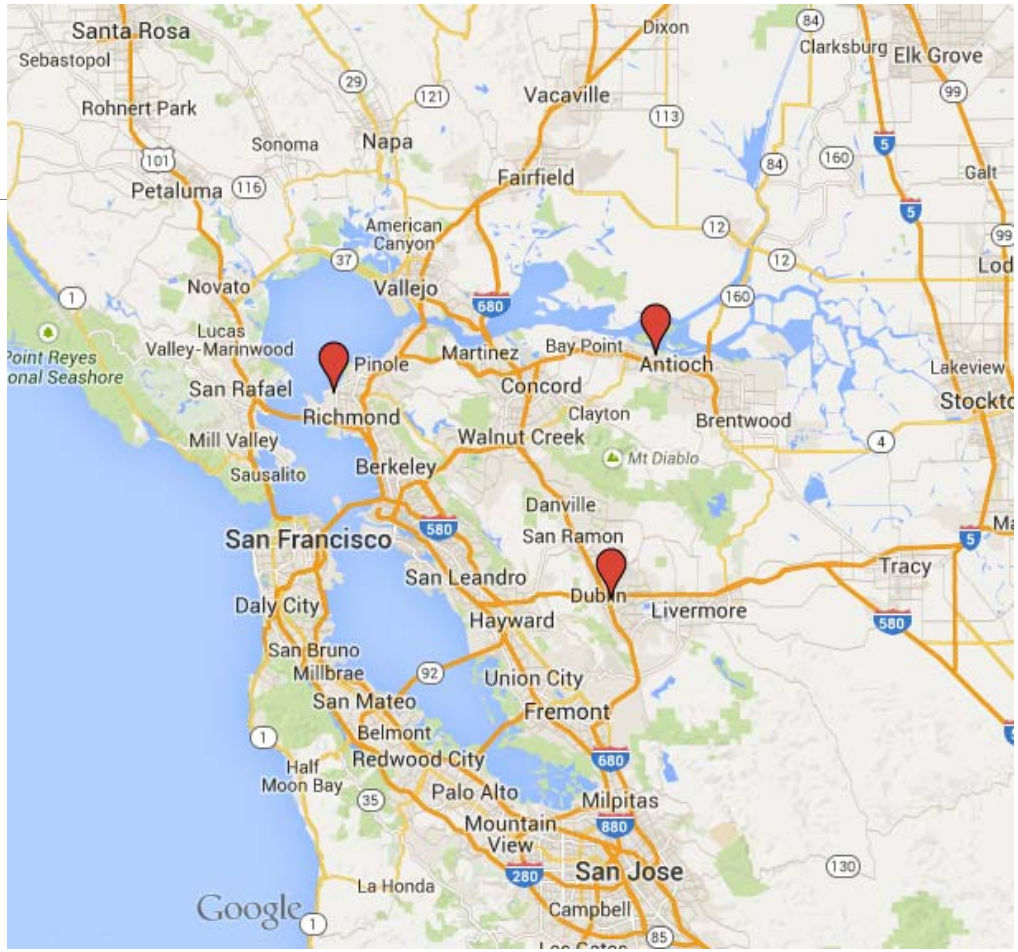
- Biosolids Master Plan accepted in 2007 – recommendation to diversify biosolids disposal
- April 2009 JEPA formed Regional Biosolids Coalition – 17 members at the time
- Coalition goals
  - Unlock energy in biosolids
  - Reduce biosolids volume
  - Net energy positive
  - Regional approach
- Initial RFQ issued in 2010 for a “merchant” facility
- Second RFQ issued in 2014

Project Status

- Two proposals were received – Maxwest and SCFI/Synagro
- Non binding term sheets began to be negotiated with both
- Maxwest filed for bankruptcy
- Non binding term sheet signed with SCFI/Synagro February 2015
- Subgroup to discuss governance structure for potential project

Location

- SCFI/Synagro investigating site locations
  - Delta Diablo
  - West County
  - DSRSD



Technology

- Hydrothermal Water Oxidation
  - High Pressure (~3,400 psi)
  - High Temperature (~1,100 degrees F)
- Once reaction started, it continues
- Byproducts
  - Hot water/steam
  - CO2
  - Ash of non organics
- Scale of plant proposed processes 22.5 “wet” tons per day
- https://www.youtube.com/watch?v=obYCioptaRw#t=168