



**DUBLIN SAN RAMON SERVICES DISTRICT  
Board of Directors**

**NOTICE OF REGULAR MEETING**

**TIME:** 6:00 p.m.

**PLACE:** Regular Meeting Place  
7051 Dublin Boulevard, Dublin, CA

**DATE:** Tuesday, June 21, 2016

**AGENDA**

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

**BUSINESS:**

**REFERENCE**

	<u>Recommended Action</u>	<u>Anticipated Time</u>
1. <u>CALL TO ORDER</u>		
2. <u>PLEDGE TO THE FLAG</u>		
3. <u>ROLL CALL</u> – Members: Duarte, Halket, Howard, Misheloff, Vonheeder-Leopold		
4. <u>SPECIAL ANNOUNCEMENTS/ACTIVITIES</u>		
5. <u>PUBLIC COMMENT (MEETING OPEN TO THE PUBLIC)</u>		
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. <u>REPORTS</u>		
A. <u>Reports by General Manager and Staff</u>		
• Event Calendar		
• Correspondence to and from the Board		
B. Agenda Management (consider order of items)		
C. <u>Committee Reports</u>		
None		
7. <u>APPROVAL OF MINUTES</u> - Regular Meeting of <i>June 7, 2016</i>	Executive Services Supervisor	Approve by Motion

**BUSINESS:**

**REFERENCE**

		<b>Recommended Action</b>	<b>Anticipated Time</b>
8.	<b><u>CONSENT CALENDAR</u></b>		
	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. Accept the Following Regular and Recurring Reports: District Financial Statements, Warrant List, and Upcoming Board Business	Administrative Services Manager	Accept by Motion
	B. Approve the Decrease of Operating Budget for Capital Outlay in FYE 2016 by \$170,000 and Increase the Operating Budget for Capital Outlay in FYE 2017 by \$180,000	Administrative Services Manager	Approve by Resolution
9.	<b><u>BOARD BUSINESS</u></b>		
	A. Establish Water Capacity Reserve Fees under Sections 3.70.010.A and 3.70.010.B of the District Code and Rescind Resolution No. 24-11	Administrative Services Manager	Adopt by Resolution 5 min
	B. Terminate Drought Emergency and Declare Stage 1 Voluntary 10% Water Conservation and Rescind Resolution No. 15-16	Operations Manager	Approve by Resolution 5 min
	C. Approve New Job Description for Assistant General Manager Classification	General Manager	Approve by Resolution & Approve by Motion 5 min
	D. Approve Increase in Budgeted Full Time Equivalent (FTE) Staffing for Fiscal Year 2017	Administrative Services Manager	Approve by Resolution 5 min
10.	<b><u>BOARDMEMBER ITEMS</u></b>		
	• Submittal of Written Reports from Travel and Training Attended by Directors		
11.	<b><u>ADJOURNMENT</u></b>		

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 REGULAR MEETING OF THE BOARD OF DIRECTORS**

**June 7, 2016**

**1. CALL TO ORDER**

A regular meeting of the Board of Directors was called to order at 6:00 p.m. by President D.L. (Pat) Howard.

**2. PLEDGE TO THE FLAG**

**3. ROLL CALL**

Boardmembers present at start of meeting:

President D.L. (Pat) Howard, Vice President Richard M. Halket, Director Edward R. Duarte, and Director Georange M. Vonheeder-Leopold.

Director Madelyne (Maddi) A. Misheloff was absent.

District staff present: Dan McIntyre, General Manager; John Archer, Administrative Services Manager/Treasurer; Dan Lopez, Interim Operations Manager; Carl P.A. Nelson, General Counsel; and Nicole Genzale, Executive Services Supervisor/District Secretary.

**4. SPECIAL ANNOUNCEMENTS/ACTIVITIES**

Community Services Supervisor Sue Stephenson introduced Arshia Mehta, an eighth grade student from Gale Ranch Middle School in San Ramon. She presented her project on inexpensive water pasteurization to the Board. She won third place in the Junior Division at the Contra Costa County Science & Engineering fair.

**5. PUBLIC COMMENT (MEETING OPEN TO THE PUBLIC) – 6:09 p.m.**

– There was no public comment received.

**6. REPORTS**

**A. Reports by General Manager and Staff**

- Event Calendar – General Manager McIntyre reported on the following:
  - The Change of Command at Camp Parks will be held this Friday June 9. Please notify Executive Services staff if Board would like to attend.
  - The July 5, 2016 Board meeting will likely be cancelled due to proximity to the Independence Day Holiday and a lack of agenda items.
  - Staff will present an item to the Board on July 19, 2016 recommending a response to the Contra Costa Grand Jury Report “Reclaiming Our Water.”
  - Central Contra Costa Sanitation District will hold its 70<sup>th</sup> Anniversary Open House in Martinez on July 16, 2016.

- Correspondence to and from the Board on an Item not on the Agenda

Date	Format	From	To	Subject	Response
May 2016	Letter	Contra Costa County Grand Jury	DSRSD Board	Grand Jury Report "Reclaiming Our Water"	Staff will present a recommended response to the Board on 7/19/16
6/7/16	Email	Dawn Benson	DSRSD Board	Tips for Change	N/A

B. Agenda Management (consider order of items) – General Manager McIntyre reported the Board received an email from Director Maddi Misheloff regarding Consent Calendar Item 8.A. The Board agreed to remove Consent Calendar Item 8.A in order for the email to be read into the record.

C. Committee Reports

Finance and Personnel Committee

May 31, 2016

President Howard invited comments on recent committee activities. Directors felt the available staff report adequately covered the many matters considered at committee meeting.

7. APPROVAL OF MINUTES – Regular Meeting of May 17, 2016

Director Vonheeder-Leopold MOVED for the approval of the May 17, 2016 minutes. Director Duarte SECONDED the MOTION, which CARRIED with FOUR AYES, and ONE ABSENT (Misheloff).

8. CONSENT CALENDAR

The Board took Consent Calendar Items 8.B and 8.C for consideration ahead of Item 8.A and passed these items first.

Vice President Halket MOVED for approval of items 8.B and 8.C on the Consent Calendar. Director Vonheeder-Leopold SECONDED the MOTION, which CARRIED with FOUR AYES, and ONE ABSENT (Misheloff).

B. Adoption of Dublin San Ramon Services District 2015 Urban Water Management Plan and Water Shortage Contingency Plan – Approved – Resolution No. 32-16 and Resolution No. 33-16

C. Authorize General Manager to Execute an Increase to Purchase Order with Inland Potable Services for Potable and Recycled Water Reservoir Cleaning and Inspection Services– Approved

The Board then removed and considered Item 8.A.

A. REMOVED - Authorize Consolidation of District Election with November 8, 2016 Statewide General Election – Approved – Resolution No. 34-16

General Manager McIntyre read an email from Director Maddi Misheloff, dated June 5, 2016, into the record:

*"Hello All, I do hope you have been having a wonderful weekend. As I cannot be at the Board Meeting this coming Tuesday, I would like to share my stand on Agenda item 8A. Please know and acknowledge that I am in favor of the resolution for election consolidation. My personal preference is to run for a full term (4 year) Director position in November. My thanks, Maddi"*

There was no further discussion.

Vice President Halket MOVED for approval of item 8.A on the Consent Calendar. Director Duarte SECONDED the MOTION, which CARRIED with FOUR AYES, and ONE ABSENT (Misheloff).

9. **BOARD BUSINESS**

A. Review and Discuss State Water Resources Control Board Adjustment to Emergency Conservation Regulation

General Manager McIntyre introduced Interim Operations Manager Lopez who reviewed the item for the Board. Mr. Lopez explained the State Water Resources Control Board's (SWRCB) recent modification to statewide conservation, shifting from a mandatory percentage reduction-based standard to a local supply based approach. Mr. Lopez reviewed possible impacts and options for the District's current conservation program. He also noted it is anticipated the District's water supplier Zone 7 will take action to remove its drought emergency at its next Board meeting.

The Board and staff discussed SWRCB's adjustment and possible impacts to the District, customers and other Tri-Valley retail agencies by moving to a voluntary conservation model. They also noted the District's current drought related urgency ordinances remain in effect until the Community Drought Emergency ends. The Board directed staff to proceed in preparing an item for the June 21 meeting to rescind the Declaration of Drought Emergency, terminate mandatory conservation, and implement voluntary conservation at the 10% level.

B. Consideration of Conditional Temporary Infrastructure Charge (TIC) Repayment for FYE 16 – Water Expansion Fund Management

General Manager McIntyre stated that this item, and the three items to follow, reflect how successfully the District has managed through the economic downturn, and are presented tonight to facilitate critical long-term planning. Mr. McIntyre then introduced Administrative Services Manager Archer who reviewed these items for the Board.

Mr. Archer gave a presentation which outlined the projected status of the Water Expansion Fund over the next 10 years. He stated the Water Expansion Fund Management policy memorializes a yearly review of this fund and directs priorities for repayment of the Temporary Infrastructure Charge (TIC). At this time, the policy would direct that no repayment be made in FYE 2016.

Mr. McIntyre also reported that timing of Capital Improvement Projects will impact funds, as well as decision-making pertaining to repayment of the TIC. He cited the DERWA Recycled Water Facility - Phase 2 Expansion and Indirect Potable Reuse projects as having an immense impact on the fund over the next few years.

The Board and staff further discussed projections and impact of incoming water capacity reserve fees, the proposed increase to the water capacity reserve fee, upcoming projects, unexpected changes in development, city growth, District infrastructure, and the annual TIC review process. The Board agreed with the staff recommendation to make no TIC repayment in FYE 2016 per policy guidance.

C. Adopt Revised Rate Policies and Guidelines Policy and Rescind Resolution No. 38-12

Administrative Services Manager Archer reviewed the item for the Board.

The Board and staff discussed the proposed policy revision and the District's rate planning outlook in light of the District approaching "build-out," at which time the "buy-in" component of capacity fees will cease. Staff noted a model will be brought to the Board in the next two to three years for consideration of a gradual rate increase to fully support the Replacement and Improvement allowance. Staff also confirmed for the Board that the regional and local rates study will be conducted next year and additional information regarding rates will be provided this evening under Item 9.E.

Director Duarte MOVED to adopt Resolution No. 35-16, approving and authorizing the Revised Rate Policies and Guidelines Policy and Rescinding Resolution No. 38-12. Director Vonheeder-Leopold SECONDED the MOTION, which CARRIED with FOUR AYES, and ONE ABSENT (Misheloff).

D. Adopt Revised Consolidated Water Enterprise Fund Policy and Rescind Resolution No. 45-12

Administrative Services Manager Archer reviewed the item for the Board.

Vice President Halket MOVED to adopt Resolution No. 36-16, approving and authorizing the Revised Consolidated Water Enterprise Fund Policy and Rescinding Resolution No. 45-12. Director Vonheeder-Leopold SECONDED the MOTION, which CARRIED with FOUR AYES, and ONE ABSENT (Misheloff).

E. Receive Strategic Plan Update on Rates and Fees

Administrative Services Manager Archer reviewed the item for the Board.

The Board and staff discussed various aspects of the report including the health of the operating funds, outlook for the next regional rate update, and a likely early presentation of a preliminary asset model for the Regional Wastewater Treatment Plant. The Board supported staff's recommendation to forego service rate adjustments at this time.

10. BOARDMEMBER ITEMS

Director Vonheeder-Leopold submitted written reports to Executive Services Supervisor Genzale. She reported that she attended the ribbon cutting for recycled water at Ken Mercer Sports Park in Pleasanton on May 26, the Central Contra Costa Sanitation District briefing on June 3, the California Association of Sanitation Agencies Board teleconference meeting on May 23, the Dublin Chamber of Commerce Economic Development Meeting at City of Dublin on June 2, and the EBMUD briefing in Walnut Creek on May 26. She summarized the activities and discussions at the meetings. She also noted that two regularly mailed Board deliveries took several days to reach her home and asked staff to consider alternate delivery options.

11. CLOSED SESSION

At 6:55 p.m. the Board went into Closed Session.

A. Public Employee Performance Evaluation – Pursuant to Government Code Section 54957  
Title: General Manager

12. REPORT FROM CLOSED SESSION

At 7:26 p.m. the Board came out of Closed Session. President Howard announced that there was no reportable action.

13. ADJOURNMENT

President Howard adjourned the meeting at 7:27 p.m.

Submitted by,

Nicole Genzale, CMC  
Executive Services Supervisor



# Dublin San Ramon Services District

## Summary & Recommendation

Agenda Item 8A

Reference Administrative Services Manager	Type of Action Accept Report(s)	Board Meeting of June 21, 2016
Subject Accept the Following Regular and Recurring Reports: District Financial Statements, Warrant List, and Upcoming Board Business		
<input checked="" type="checkbox"/> Motion <input type="checkbox"/> Minute Order <input type="checkbox"/> Resolution <input type="checkbox"/> Ordinance <input type="checkbox"/> Informational <input type="checkbox"/> Other		
REPORT:	<input type="checkbox"/> Verbal <input type="checkbox"/> Presentation <input checked="" type="checkbox"/> Staff	J. Archer <input type="checkbox"/> Board Member

**Recommendation:**

Staff recommends the Board of Directors accept, by Motion, the attached regular and recurring reports.

**Summary:**

To maximize openness and transparency and to allow the Board to be informed about key aspects of District business and to provide direction when appropriate, the Board directed that various regular and recurring reports be presented for Board acceptance at regular intervals. This item is routinely presented to the Board at the second meeting of each calendar month.

Attachment 1 summarizes the current regular and recurring reports; the actual reports are themselves attachments to Attachment 1. Reports presented this month for acceptance are:

- District Financial Statements;
- Warrant List; and
- Upcoming Board Business

This item is regularly presented at the second Board meeting of the month.

Committee Review			Legal Review	Staff Review		
COMMITTEE ---	DATE ---	RECOMMENDATION ---	Not Required	ORIGINATOR J. Archer	DEPARTMENT Admin Services	REVIEWED BY
<b>ATTACHMENTS</b> <input type="checkbox"/> None						
<input type="checkbox"/> Resolution	<input type="checkbox"/> Minute Order	<input type="checkbox"/> Task Order	<input type="checkbox"/> Staff Report	<input type="checkbox"/> Ordinance		
<input checked="" type="checkbox"/> Cost \$0	<input type="checkbox"/> Funding Source A. B.		Attachments to S&R 1. Summary of Regular and Recurring Reports 2. 3.			

**ATTACHMENT 1 to S&R**  
**SUMMARY OF REGULAR AND RECURRING REPORTS**

Ref.	Description	Frequency	Authority	Last Acceptance	Acceptance at this Meeting?	Next Acceptance	
A	Water Supply and Conservation Report <sup>1</sup>	Monthly	Board Direction	May 2016	Yes	July 2016	
B	District Financial Statements <sup>2</sup>						
C	Warrant List						
D	Upcoming Board Business						
E	Low Income Assistance Program Report	Annually. Fiscal Year Cycle		N/A		July 2016	
F	Strategic Work Plan Accomplishments Report			July 2015			
G	Employee Retention Statistics <sup>3</sup>			July 2015			
H	Outstanding Receivables Report		District Code	July 2015			
I	Employee and Director Reimbursements greater than \$100 <sup>4</sup>		CA Government Code	July 2015			
J	Annual Rate Stabilization Fund Transfer Calculation <sup>5</sup>	Annually, Calendar Year Cycle		Nov 2015		Nov 2016	
K	"No Net Change" Operating Budget Adjustments	As they occur but not more frequently than monthly	Budget Accountability Policy (See Note A)	April 2014		Before end of month after occurrence	
L	Capital Outlay Budget Adjustments			May 2016			
M	Capital Project Budget Adjustments			Oct 2014			
N	Unexpected Asset Replacements			Nov 2015			

Note A: For the fiscal year ending 2016, the totals for these reports are as follows:

Category	YTD	This Meeting	Total
"No Net Change" Operating Budget Adjustments	\$0	\$0	\$0
Capital Outlay Budget Adjustments	\$1,200	\$0	\$1,200
Capital Project Budget Adjustments	\$0	\$0	\$0
Unexpected Asset Replacements	\$178,973	\$0	\$178,973

<sup>1</sup> Monthly during Community Drought Emergency (to be suspended 6/21/16); monthly during the winter season in non-drought years.

<sup>2</sup> No Report for the months of June-September, report will resume in October.

<sup>3</sup> In Jan 2015 administratively moved to FY rather than CY cycle to accommodate data access issues which are reported on CY cycle.

<sup>4</sup> Reimbursements also reported monthly in the Warrant List (Item C).

<sup>5</sup> Separate agenda item presented to Board as a Board Business item on 11/17/15.



## **Monthly Financial Report**

<b>Report Name</b>	<b>Page</b>
Revenue Summary	1
Working Capital Summary	2
Expense Summary by Fund	3
Expense Summary by Department	4
Expense Summary by Category	5
Capital Outlay by Division	6
Capital Project Expense Summary	7
Financing Agreement Calculations	8
D.U.E. Recap	9
Investment Report	10
Financial Statements	13
Legislative Division Expenses Report	17

# Dublin San Ramon Services District

## Revenue Summary

May 2016

Revenue Source	Budget	Budget to Date	YTD Actual	Amount Remaining	% of Budget Received	% Revenue Expected
Local Sewer Operations	\$ 2,308,980	\$ 1,946,932	\$ 1,950,908	\$ 358,072	84.49%	84.32%
Regional Sewer Operations	\$ 19,347,168	\$ 15,316,508	\$ 16,080,876	\$ 3,266,292	83.12%	79.17%
<b>Service Charges - Sewer</b>	<b>\$ 21,656,148</b>	<b>\$ 17,263,440</b>	<b>\$ 18,031,784</b>	<b>\$ 3,624,364</b>	<b>83.26%</b>	<b>79.72%</b>
Water Operations	\$ 26,235,868	\$ 20,770,062	\$ 16,635,475	\$ 9,600,394	63.41%	79.17%
Water Expansion	\$ 0	\$ 0	\$ (1,128)	\$ 1,128	100.00%	91.67%
<b>Service Charges - Water</b>	<b>\$ 26,235,868</b>	<b>\$ 20,770,062</b>	<b>\$ 16,634,346</b>	<b>\$ 9,601,522</b>	<b>63.40%</b>	<b>79.17%</b>
Local Sewer Replacement	\$ 296,752	\$ 272,023	\$ 548,610	\$ (251,857)	184.87%	91.67%
Local Sewer Expansion	\$ 288,558	\$ 264,511	\$ 533,561	\$ (245,003)	184.91%	91.67%
Regional Sewer Replacement	\$ 1,033,114	\$ 947,021	\$ 2,252,892	\$ (1,219,778)	218.07%	91.67%
Regional Sewer Expansion	\$ 6,820,299	\$ 6,251,941	\$ 14,666,034	\$ (7,845,735)	215.04%	91.67%
<b>Capacity Reserve Fees - Sewer</b>	<b>\$ 8,438,723</b>	<b>\$ 7,735,496</b>	<b>\$ 18,001,096</b>	<b>\$ (9,562,373)</b>	<b>213.32%</b>	<b>91.67%</b>
Water Replacement	\$ 2,046,528	\$ 1,875,984	\$ 3,110,958	\$ (1,064,430)	152.01%	91.67%
Water Expansion	\$ 5,478,688	\$ 5,022,131	\$ 8,717,779	\$ (3,239,091)	159.12%	91.67%
<b>Capacity Reserve Fees - Water</b>	<b>\$ 7,525,216</b>	<b>\$ 6,898,115</b>	<b>\$ 11,828,737</b>	<b>\$ (4,303,521)</b>	<b>157.19%</b>	<b>91.67%</b>
<b>Fees &amp; Permits</b>	<b>\$ 2,602,355</b>	<b>\$ 2,385,492</b>	<b>\$ 3,808,397</b>	<b>\$ (1,206,042)</b>	<b>146.34%</b>	<b>91.67%</b>
<b>Interest</b>	<b>\$ 1,142,404</b>	<b>\$ 1,047,204</b>	<b>\$ 971,771</b>	<b>\$ 170,633</b>	<b>85.06%</b>	<b>91.67%</b>
<b>Other Income</b>	<b>\$ 3,944,991</b>	<b>\$ 3,616,242</b>	<b>\$ 4,019,026</b>	<b>\$ (74,035)</b>	<b>101.88%</b>	<b>91.67%</b>
	<b><u>\$ 71,545,705</u></b>	<b><u>\$ 59,716,050</u></b>	<b><u>\$ 73,295,157</u></b>	<b><u>\$ (1,749,452)</u></b>	<b><u>102.45%</u></b>	<b><u>83.47%</u></b>

*Note: Interfund transfers and Contributions of Property are excluded from this report.*

**Dublin San Ramon Services District**  
**Working Capital Summary**  
**May, 2016**

---

**Enterprise Funds**

Fund	Dollars (\$)		In Months		
	YTD Actual	Budget	Target (Months)	Last Month	Current Month
Local Enterprise	\$ 992,484	\$ 688,374	4	5.54	5.77
Regional Enterprise	\$ 6,131,909	\$ 5,434,384	4	4.33	4.51
Water Enterprise	\$ 6,143,875	\$ 6,658,940	4	4.03	3.69

**Replacement Funds**

Fund	In Dollars (\$)		
	Actual	Minimum	Above (Below)
Local Replacement	\$ 9,590,418	\$ 1,848,086	\$ 7,742,332
Regional Replacement	\$ 19,299,578	\$ 7,205,245	\$ 12,094,333
Water Replacement	\$ 13,211,875	\$ 6,358,930	\$ 6,852,945

**Expansion Funds**

Fund	In Dollars (\$)		
	Actual	Minimum	Above (Below)
Local Expansion	\$ 7,023,924	\$ 767,000	\$ 6,256,924
Regional Expansion	\$ 46,332,285	\$ 8,622,594	\$ 37,709,691
Water Expansion	\$ 17,100,617	\$ 12,715,971	\$ 4,384,646

**Temporary Infrastructure Charge Status**

Revenue Type	In Dollars (\$)		
	Amount Collected	Amount Repaid	Net
Temporary Infrastructure Charge Status	\$ 8,206,456	\$ (4,212,358)	\$ 3,994,098

**Dublin San Ramon Services District**

**Expense Summary by Fund**

May 2016

% of Year Completed= 92%

Expense Summary by Fund	Budget	Budget to Date	Year To Date Actual	Dollars Remaining	Percent Used
200 - Local Sewer Operations	\$ 1,629,724	\$ 1,493,914	\$ 1,455,231	\$ 174,493	89.29 %
210 - Local Sewer Replacement	\$ 313,115	\$ 287,022	\$ 52,258	\$ 260,857	16.69 %
220 - Local Sewer Expansion	\$ 843,266	\$ 772,994	\$ 586,961	\$ 256,305	69.61 %
300 - Regional Sewer Operations	\$ 16,386,630	\$ 15,021,077	\$ 14,041,507	\$ 2,345,123	85.69 %
310 - Regional Sewer Replacement	\$ 280,450	\$ 257,079	\$ 187,629	\$ 92,821	66.90 %
320 - Regional Sewer Expansion	\$ 4,765,304	\$ 4,368,195	\$ 4,341,062	\$ 424,242	91.10 %
600 - Water Operations	\$ 20,208,208	\$ 18,524,191	\$ 15,578,940	\$ 4,629,269	77.09 %
605 - Water Rate Stabilization Fund	\$ 20,000	\$ 18,333	\$ (330,876)	\$ 350,876	(1,654.38)%
610 - Water Replacement	\$ 1,102,554	\$ 1,010,675	\$ 209,098	\$ 893,457	18.96 %
620 - Water Expansion	\$ 4,991,856	\$ 4,575,868	\$ 4,254,457	\$ 737,399	85.23 %
900 - Administrative Overhead	\$ 6,548,195	\$ 6,002,512	\$ 4,978,226	\$ 1,569,969	76.02 %
965 - Other Post Employment Benefits	\$ 782,545	\$ 717,333	\$ 767,687	\$ 14,858	98.10 %
995 - DV Standby Assessment	\$ 1,530,156	\$ 1,402,643	\$ 9,037	\$ 1,521,120	0.59 %
	<b>\$ 59,402,005</b>	<b>\$ 54,451,838</b>	<b>\$ 46,131,215</b>	<b>\$ 13,270,790</b>	<b>77.66 %</b>

*Note: This report shows operating expenses prior to the Administrative Overhead fund's expenses being allocated to the other funds.*

Note: Fund 605 variance is due to correction of Prior Year entry to record Transfer of Funds from Fund 620

**Dublin San Ramon Services District**  
**Expense Summary By Department**  
**May 2016**

**% of Year Completed= 92%**

Expense Summary by Department	Budget	Budget To Date	Year To Date Actual	Dollars Remaining	Percentage Used
Executive	\$ 2,361,396	\$ 2,164,613	\$ 1,644,287	\$ 717,109	69.63%
Financial Services	\$ 4,786,449	\$ 4,387,579	\$ 3,896,853	\$ 889,596	81.41%
Engineering	\$ 4,098,295	\$ 3,756,771	\$ 2,912,976	\$ 1,185,319	71.08%
Operations	\$ 14,919,658	\$ 13,676,353	\$ 12,785,474	\$ 2,134,183	85.70%
Non-Departmental	\$ 33,236,207	\$ 30,466,523	\$ 24,885,610	\$ 8,350,597	74.87%
	<b>\$ 59,402,005</b>	<b>\$ 54,451,838</b>	<b>\$ 46,125,200</b>	<b>\$ 13,276,805</b>	<b>77.65%</b>

**Dublin San Ramon Services District**

**Expense Summary by Category**

May 2016

% of Year Completed= 92%

Expense Summary by Category	Budget	Budget to Date	Year to Date Actual	Budget Remaining	Percentage Used
Personnel	\$ 24,983,876	\$ 22,901,887	\$ 21,838,624	\$ 3,145,253	87.41%
Materials and Supplies	\$ 13,523,119	\$ 12,396,192	\$ 9,433,669	\$ 4,089,449	69.76%
Contract Services	\$ 6,799,212	\$ 6,232,611	\$ 2,859,570	\$ 3,939,642	42.06%
Other Expenses	\$ 13,463,797	\$ 12,341,814	\$ 11,674,575	\$ 1,789,222	86.71%
Capital Outlay	\$ 632,000	\$ 579,333	\$ 318,661	\$ 313,339	50.42%
	<b>\$ 59,402,005</b>	<b>\$ 54,451,838</b>	<b>\$ 46,125,100</b>	<b>\$ 13,276,905</b>	<b>77.65%</b>

**Dublin San Ramon Services District**

**Capital Outlay by Division**  
**May, 2016**

<b>Capital Outlay - Identified</b>			<b>Year To Date Actual</b>	<b>Dollars Remaining</b>	<b>Percent Used</b>
	<b>Budget</b>	<b> </b>			
Van - Ford Transit	*	\$ 35,000	\$ -	\$ 35,000	0.00%
Engineering Admin		\$ 35,000	\$ -	\$ 35,000	0.00%
Asset Management Software	*	\$ 140,500	\$ 52,000	\$ 88,500	37.01%
Asset Management		\$ 140,500	\$ 52,000	\$ 88,500	37.01%
Truck mounted valve exercise mach/controller	*	\$ 45,000	\$ -	\$ 45,000	0.00%
Pump station emergency generator	**	\$ 50,000		\$ 50,000	0.00%
F-450 truck w/ utility bed, crane, compressor		\$ 59,000	\$ 54,015	\$ 4,985	91.55%
Field Operations		\$ 154,000	\$ 54,015	\$ 99,985	35.07%
Heavy Capacity Forklift for biosolids, used	**	\$ 35,000	\$ -	\$ 35,000	0.00%
Plant Operations		\$ 35,000	\$ -	\$ 35,000	0.00%
Truck - Ford F-350 w/service body	*	\$ 60,000	\$ -	\$ 60,000	0.00%
Truck - Ford F-450 w/service body/crane	*	110,000		110,000	0.00%
Grit Roll-off Container	*	12,000		12,000	0.00%
Chlorine contact tank exit gate		12,500	10,816	1,684	86.53%
Building "A" air compressor		13,000	10,995	2,005	84.58%
Cogen Emission Analyzer		13,000	13,383	(383)	102.95%
Mechanical Maintenance		\$ 220,500	\$ 35,194	\$ 185,306	15.96%
Van - Ford Transit		\$ 27,000	\$ 23,974	\$ 3,026	88.79%
Update Security system	***	20,000		20,000	0.00%
Electrical Maintenance		\$ 47,000	\$ 23,974	\$ 23,026	51.01%
<b>Total Capital Outlay - Identified</b>		<b>\$ 632,000</b>	<b>\$ 165,183</b>	<b>\$ 466,817</b>	<b>26.14%</b>
<b>Unexpected Capital Outlay</b>					
Completely refurbish aeration preopeller mixer		\$ 11,927	\$ 11,894	\$ 33	
WWTP No. 2 Secondary clarifier drain valve		99,186	99,186	-	
WWTP Bldg G A/C for MCC Room (7.5 ton)		11,031	11,031	-	
Valve replacement 20" Water main		31,367	31,367	-	
DAFT Pressurization Pump		10,295			
Replacement Primary Sludge Pump #3		14,283			
<b>Total Unexpected Capital Outlay</b>		<b>\$ 153,511</b>	<b>\$ 153,478</b>	<b>\$ 33</b>	
<b>Total All Capital Outlay</b>		<b>\$ 785,511</b>	<b>\$ 318,661</b>	<b>\$ 466,850</b>	

\* Purchase orders have been issued for these capital outlay items and may not be received by June 30th.

\*\* Items will not be purchased this fiscal year; alternatives are being researched.

\*\*\* Item is being pushed to FYE2017.

# Capital Project Expense Summary Report

Dublin San Ramon Services District

May, 2016

Fund #		Budget	Year-to-date Expenditures	Balance	Prct Used
210	Local Sewer Replacement	1,678,736.00	628,649.01	1,050,086.99	37.45%
220	Local Sewer Expansion	377,000.00	254,549.47	122,450.53	67.52%
310	Regional Sewer Replacement	3,281,171.00	1,587,356.76	1,693,814.24	48.38%
320	Regional Sewer Expansion	1,306,362.00	708,193.17	598,168.83	54.21%
610	Water Replacement	10,318,674.00	6,963,534.78	3,355,139.22	67.48%
620	Water Expansion	5,458,281.00	6,626,612.74	(1,168,331.74) *	121.40%
<b>Grand Total</b>		<b>22,420,224.00</b>	<b>16,768,895.93</b>	<b>5,651,328.07</b>	<b>74.79%</b>

\* The District is expecting to receive \$2million of grant funding prior to the end of the fiscal year to offset costs of recycled water project.

17 of 168

**Financing Administration Agreement Calculations**  
**May, 2016**

**Bond Target Level Calculation**

	Max Annual Debt
LAVWMA 2011 Refunding Bonds (Expansion Portion) highest fiscal year debt service (2024)	\$ 4,332,552
DSRSD Expansion Amount Outstanding	\$46,791,732

**Bank of America Refunding Bond**

Expansion Amount Outstanding	\$0	
BOND TARGET LEVEL (7c) or 2X	\$ 8,665,105	
ADMINISTRATIVE TARGET LEVEL (7d) or 5XMADS	\$ 21,662,761	
Working Capital in Rate Stabilization/Regional Sewer Expansion Fund	<u>\$ 46,332,285</u>	
Number of Years of Maximum Debt Service on Hand (Working Capital/Max Annual Debt)	\$ 4,332,552	10.69
Capacity Fee Revenue this Fiscal Year	\$14,666,034	
Debt Service for FY 15/16	\$ 4,311,297	
Capacity fees in excess (deficiency) of this amount	\$10,354,737	
Amount in Rate Stabilization Fund in Excess of (below) 5XMADS	<u>\$24,669,524</u>	

**Dublin San Ramon Services District**  
**Dublin San Ramon Services District**  
**May, 2016**

---

**Comparison of Actual DUE's to Budget**

	Budget	Actual	Above (Below)
<b>Sewer</b>			
<i>DSRSD</i>	347	708	361
<i>Pleasanton</i>	150	306	156
<b>Water</b>	608	778	170

**Dublin San Ramon Services District**  
**Treasurer's Report - Portfolio Management Summary**  
**As of: May 31, 2016**

Description	Face Amount	Market Value	Book Value	% of Portfolio	Permitted by Policy	In Compliance	YTM @ Cost
CAMP	10,043,327.11	10,043,327.11	10,043,327.11	6.83%	100%	Yes	0.490%
Certificate of Deposit	3,250,000.00	3,268,449.25	3,250,000.00	2.21%	30%	Yes	1.165%
Corporate Bonds	23,500,000.00	23,749,320.50	23,699,744.52	15.99%	30%	Yes	1.556%
Federal Agency Callables	53,880,000.00	53,786,779.58	53,880,308.81	36.65%	100%	Yes	1.252%
LAIF - Operating	49,253,110.98	49,253,110.98	49,253,110.98	33.50%	\$50 million	Yes	0.460%
Municipals	7,085,000.00	7,178,893.00	7,159,688.17	4.82%	100%	Yes	1.474%
<b>Total Investments</b>	<b>\$ 147,011,438.09</b>	<b>\$ 147,279,880.42</b>	<b>\$ 147,286,179.59</b>	<b>100.00%</b>			<b>0.992%</b>
Bank of America	4,373,526.43	4,373,526.43	4,373,526.43				
<b>Total Cash &amp; Investments</b>	<b>\$ 151,384,964.52</b>	<b>\$ 151,653,406.85</b>	<b>\$ 151,659,706.02</b>				<b>0.992%</b>

I certify that this report reflects all Government Agency pooled investments and is in conformity with the Investment Policy of Dublin San Ramon Services District.

The investment program herein shown provides sufficient cash flow liquidity to meet the next six month's expenses.

Market values for Certificates of Deposit and Federal Agency Callables were provided by Wells Fargo Institutional Securities, LLC.

John Archer, Administrative Services Manager

Date

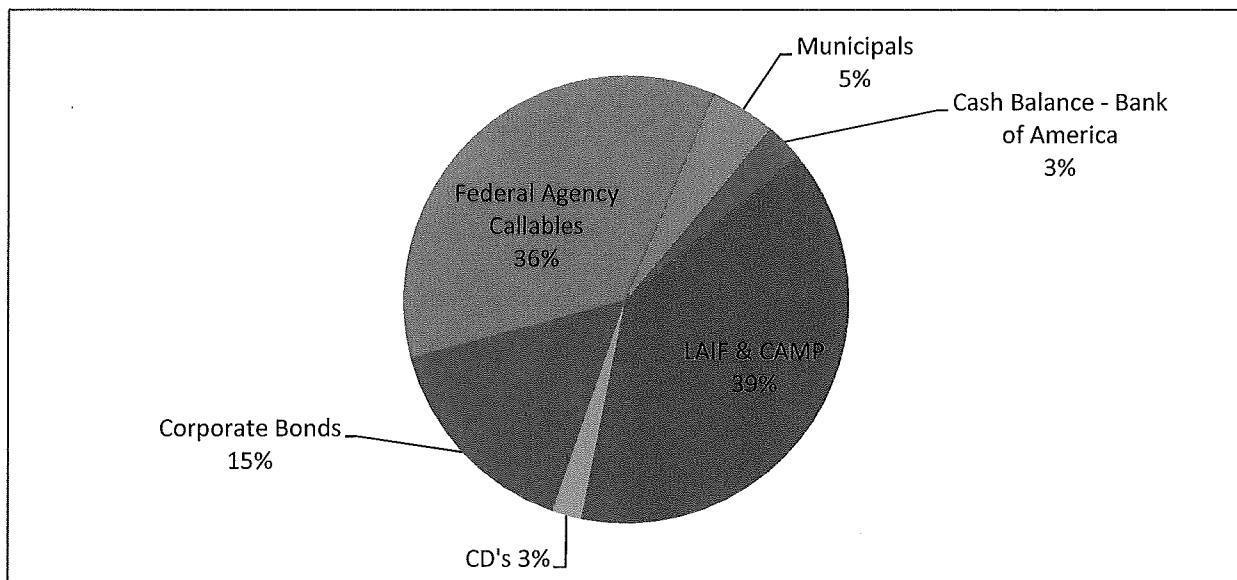
For comparison - prior month summary as of: 4/30/2016

Description	Face Amount	Market Value	Book Value	% of Portfolio	Permitted by Policy	In Compliance	YTM @ Cost
CAMP	13,038,199.32	13,038,199.32	13,038,199.32	8.93%	100%	Yes	0.480%
Certificate of Deposit	4,250,000.00	4,267,744.75	4,250,000.00	2.91%	30%	Yes	0.979%
Corporate Bonds	23,500,000.00	23,781,444.50	23,697,599.41	16.10%	30%	Yes	1.556%
Federal Agency Callables	48,880,000.00	48,864,392.52	48,880,308.81	33.48%	100%	Yes	1.229%
LAIF - Operating	49,253,110.98	49,253,110.98	49,253,110.98	33.73%	\$50 million	Yes	0.460%
Municipals	7,085,000.00	7,174,353.00	7,159,688.17	4.85%	100%	Yes	1.474%
<b>Total Investments</b>	<b>\$ 146,006,310.30</b>	<b>\$ 146,379,245.07</b>	<b>\$ 146,278,906.69</b>	<b>100.00%</b>			<b>0.960%</b>
Bank of America	3,332,934.26	3,332,934.26	3,332,934.26				
<b>Total Cash &amp; Investments</b>	<b>\$ 149,339,244.56</b>	<b>\$ 149,712,179.33</b>	<b>\$ 149,611,840.95</b>				<b>0.960%</b>

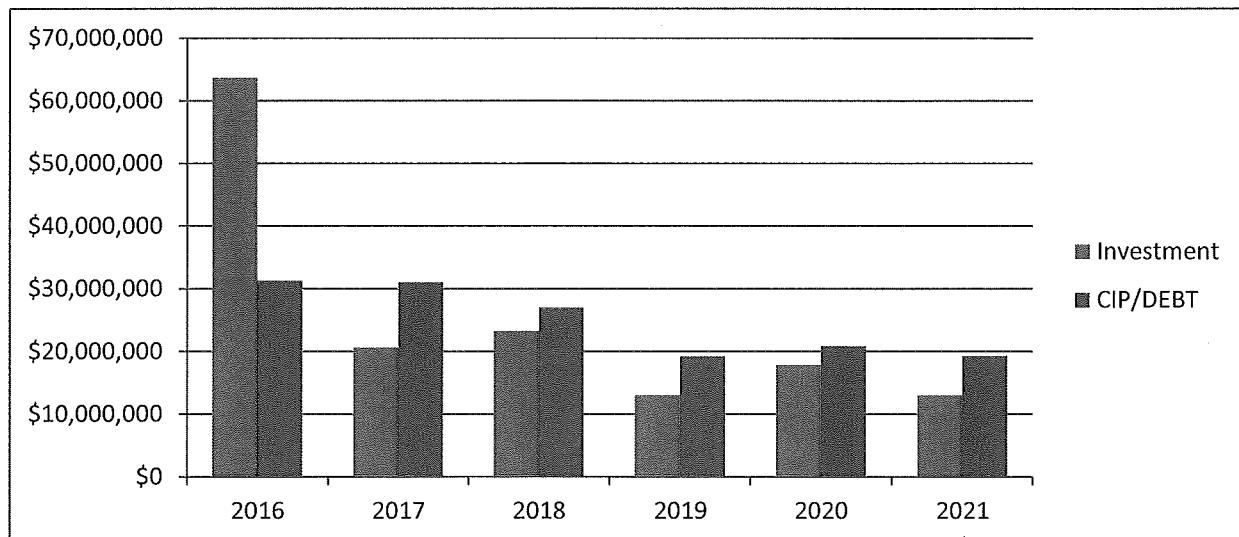
Investment Review for :  
Summary of Current Investments

May 31, 2016

	Face Amount	% of Portfolio	Avg Maturity (in Years)	Avg Yield
Cash Balance - Bank of America	\$ 4,373,526.43	3%		
LAIF & CAMP	59,296,438.09	39%		0.460%
Certificates of Deposit	3,250,000.00	2%	1.6	1.165%
Corporate Bonds	23,500,000.00	16%	1.5	1.556%
Federal Agency Callables	53,880,000.00	36%	2.8	1.252%
Municipals	<u>7,085,000.00</u>	5%	3.3	1.474%
	<u>\$ 151,384,964.52</u>			



Investment / Cash needs next 5 years



FYE	Investment	CIP/DEBT
2016	\$ 63,669,964.52	\$ 31,258,003.75
2017	20,630,000.00	\$ 30,984,268.75
2018	23,250,000.00	\$ 26,965,800.75
2019	13,000,000.00	\$ 19,176,387.75
2020	17,835,000.00	\$ 20,845,455.75
2021	13,000,000.00	\$ 19,238,870.93
	<u>\$ 151,384,964.52</u>	<u>\$ 148,468,787.68</u>

Dublin San Ramon Services District  
Treasurer's Report - Portfolio Detail

5/31/2016

Description	CUSIP	Settlement Date	Face Amount	Market Value	Book Value	Coupon Rate	YTM @ Cost	Next Call Date	DTC/M	DTM	Maturity Date	Accrued Interest
CAMP LGIP	LGIP6300	6/30/2011	10,043,327.11	10,043,327.11	10,043,327.11	0.49	0.49	N/A	1	1	N/A	
<b>Sub Total / Average</b>			<b>10,043,327.11</b>	<b>10,043,327.11</b>	<b>10,043,327.11</b>	<b>0.49</b>	<b>0.49</b>		<b>1</b>	<b>1</b>		<b>-</b>
ALLY BANK UT 1 5/21/2018	02006LB69	5/19/2016	250,000.00	249,012.50	250,000.00	1	1		720	720	5/21/2018	136.99
American Exp Centr 1.15 9/26/2016	02587DTW8	9/26/2013	250,000.00	250,635.25	250,000.00	1.15	1.15		118	118	9/26/2016	519.86
BANK OF CHINA/NY 0.75 3/2/2017	06426TPY9	3/2/2016	250,000.00	250,198.75	250,000.00	0.75	0.75		275	275	3/2/2017	462.33
BROOKLINE BANK 0.75 6/8/2017	11373QBT4	3/8/2016	250,000.00	250,372.00	250,000.00	0.75	0.75		373	373	6/8/2017	118.15
Capital One 2 10/7/2019	14042RAN1	10/7/2015	250,000.00	254,515.00	250,000.00	2	2		1224	1224	10/7/2019	739.73
Capital One USA 2 10/7/2019	140420WK2	10/7/2015	250,000.00	256,203.50	250,000.00	2	2		1224	1224	10/7/2019	739.73
Discover Bank 1.2 3/13/2018	254671LE8	3/13/2013	250,000.00	251,390.25	250,000.00	1.2	1.2		651	651	3/13/2018	649.32
Everbank 0.95 11/30/2016	29976DPX2	11/30/2012	250,000.00	250,495.25	250,000.00	0.95	0.95		183	183	11/30/2016	6.51
Goldman Sachs 1.95 10/7/2019	38148JQ79	10/7/2015	250,000.00	253,846.50	250,000.00	1.95	1.95		1224	1224	10/7/2019	721.23
SANTANDER BANK 0.75 3/2/2017	80280JLW9	3/2/2016	250,000.00	250,198.75	250,000.00	0.75	0.75		275	275	3/2/2017	462.33
State Bk of India 1.15 5/14/2018	856283UK0	5/14/2013	250,000.00	251,263.00	250,000.00	1.15	1.15		713	713	5/14/2018	133.90
SYNOVUS BANK GA 0.75 5/9/2017	87164DHR4	3/9/2016	250,000.00	250,411.25	250,000.00	0.75	0.75		343	343	5/9/2017	426.37
Washington Fed Seattle 0.75 5/30/2017-13	938828AB6	5/30/2013	250,000.00	249,907.25	250,000.00	0.75	0.75		364	364	5/30/2017	15.41
<b>Sub Total / Average</b>			<b>3,250,000.00</b>	<b>3,268,449.25</b>	<b>3,250,000.00</b>	<b>1.165</b>	<b>1.165</b>		<b>591</b>	<b>591</b>		<b>5,131.86</b>
AUST/NZ Bank Grp 1.5 1/16/2018	05253JAH4	1/26/2015	3,000,000.00	3,004,869.00	3,002,322.24	1.5	1.46		595	595	1/16/2018	16,875.00
Barclays Bank PLC Var. Corp 5/11/2017	06738K4G3	5/11/2012	3,000,000.00	3,007,719.00	3,000,000.00	2	2		345	345	5/11/2017	3,333.33
Coca-cola 1.15 4/1/2018	191216BA7	2/20/2015	3,000,000.00	3,006,366.00	2,989,435.56	1.15	1.33		670	670	4/1/2018	5,750.00
Exxon Mobil 0.921 3/15/2017	30231GAA0	9/9/2015	2,000,000.00	2,001,654.00	2,001,993.31	0.921	0.821		288	288	3/15/2017	3,888.67
GE Capital Corp 2.3 4/27/2017	36962G5W0	5/21/2012	3,000,000.00	3,037,065.00	2,998,280.33	2.3	2.361		331	331	4/27/2017	6,516.67
Gen Elec Co 5.25 12/6/2017	369604BC6	12/17/2012	2,500,000.00	2,655,057.50	2,685,669.97	5.25	1.396		554	554	12/6/2017	63,802.08
JPMorgan Chase 2 8/15/2017	48126EAA5	12/22/2014	2,000,000.00	2,015,264.00	2,014,447.14	2	1.506		441	441	8/15/2017	11,777.78
Microsoft 1 5/1/2018	594918AS3	3/16/2015	2,000,000.00	1,999,894.00	1,991,395.97	1	1.22		700	700	5/1/2018	1,666.67
Toyota Motor Credit 1.7 2/19/2019	89236TCU7	3/17/2016	3,000,000.00	3,021,432.00	3,016,200.00	1.7	1.51		994	994	2/19/2019	10,483.33
<b>Sub Total / Average</b>			<b>23,500,000.00</b>	<b>23,749,320.50</b>	<b>23,699,744.52</b>	<b>1.996</b>	<b>1.556</b>		<b>555</b>	<b>555</b>		<b>124,093.53</b>
FFCB 0.65 3/28/2017	3133ECKC7	5/8/2013	1,380,000.00	1,379,711.58	1,380,680.44	0.65	0.6		301	301	3/28/2017	1,569.75
FFCB 0.74 6/9/2017-15	3133EFCX3	9/9/2015	3,000,000.00	2,996,418.00	3,000,000.00	0.74	0.74		374	374	6/9/2017	10,606.67
FFCB 1.37 3/21/2019-16	3133EFEA1	9/21/2015	5,000,000.00	5,002,285.00	4,997,856.30	1.37	1.385	9/21/2016	113	1024	3/21/2019	13,319.44
FHLB 0.875 3/10/2017	3133782NO	8/22/2014	4,000,000.00	4,005,952.00	4,001,772.07	0.875	0.83		283	283	3/10/2017	7,875.00
FHLB 1 6/28/2018-13	313381HD0	12/28/2012	5,000,000.00	4,971,440.00	5,000,000.00	1	1		758	758	6/28/2018	21,250.00
FHLB 1.4 5/18/2020-16	3130A7ZTS	5/18/2016	5,000,000.00	4,979,215.00	5,000,000.00	1.4	1.4	11/18/2016	171	1448	5/18/2020	4,861.11
FHLMC 0.625 9/26/2016-14	3134G4YAO	3/26/2014	2,500,000.00	2,502,170.00	2,500,000.00	0.625	0.625		118	118	9/26/2016	2,821.18
FHLMC 1.2 6/12/2018-13	3134G46D5	6/12/2013	5,000,000.00	4,988,850.00	5,000,000.00	1.2	1.2	6/12/2016	12	742	6/12/2018	28,166.67
FHLMC 1.25 8/27/2018-15	3134G7UM1	9/3/2015	5,000,000.00	5,002,490.00	5,000,000.00	1.25	1.25	8/27/2016	88	818	8/27/2018	16,319.44
FHLMC 1.4 7/29/2019-16	3134G7X89	10/29/2015	5,000,000.00	5,003,115.00	5,000,000.00	1.4	1.4	7/29/2016	59	1154	7/29/2019	23,722.22
FHLMC 1.5 8/26/2020-16	3134G9KA4	5/26/2016	5,000,000.00	4,987,055.00	5,000,000.00	1.5	1.5	8/26/2016	87	1548	8/26/2020	1,041.67
FHLMC 1.875 3/30/2021-16	3134G8PB9	3/30/2016	3,000,000.00	2,982,963.00	3,000,000.00	1.875	1.875	6/30/2016	30	1764	3/30/2021	9,375.00
FNMA 1.65 4/28/2021-16	3135G0J87	4/28/2016	5,000,000.00	4,985,115.00	5,000,000.00	1.65	1.65	10/28/2016	150	1793	4/28/2021	7,562.50
<b>Sub Total / Average</b>			<b>53,880,000.00</b>	<b>53,786,779.58</b>	<b>53,880,308.81</b>	<b>1.256</b>	<b>1.252</b>		<b>190</b>	<b>1015</b>		<b>148,490.65</b>
LAIF LGIP	LGIP1001	6/30/2011	49,253,110.98	49,253,110.98	49,253,110.98	0.46	0.46	N/A	1	1	N/A	
<b>Sub Total / Average</b>			<b>49,253,110.98</b>	<b>49,253,110.98</b>	<b>49,253,110.98</b>	<b>0.46</b>	<b>0.46</b>		<b>1</b>	<b>1</b>		<b>-</b>
State of CA 1.8 4/1/2020	13063CSQ4	4/29/2015	2,000,000.00	2,023,720.00	2,006,854.27	1.8	1.71		1401	1401	4/1/2020	6,000.00
University of California 1.796 7/1/2019	91412GSB2	3/15/2016	5,085,000.00	5,155,173.00	5,152,833.90	1.796	1.381		1126	1126	7/1/2019	19,280.06
<b>Sub Total / Average</b>			<b>7,085,000.00</b>	<b>7,178,893.00</b>	<b>7,159,688.17</b>	<b>1.797</b>	<b>1.474</b>		<b>1204</b>	<b>1204</b>		<b>25,280.06</b>
<b>Total / Average</b>			<b>147,011,438.09</b>	<b>147,279,880.42</b>	<b>147,286,179.59</b>	<b>1.079</b>	<b>0.992</b>		<b>230</b>	<b>532</b>		<b>302,996.10</b>

	200 Local Sewer Operations	205 Local Rate Stabilization (RSF)	210 Local Sewer Replacement	220 Local Sewer Expansion	Total
<b>BALANCE SHEETS</b>					
CASH & INVESTMENTS	1,063,610	785,232	9,578,200	7,021,843	18,448,885
RECEIVABLES	94,853	985	13,499	9,173	118,511
OTHER	0	0	0	528	528
<b>CURRENT ASSETS</b>	<b>1,158,463</b>	<b>786,218</b>	<b>9,591,699</b>	<b>7,031,544</b>	<b>18,567,924</b>
FIXED ASSETS	33,594,020	0	349,598	21,595	33,965,214
LONG-TERM ASSETS	236,312	0	0	181,125	417,438
<b>TOTAL ASSETS</b>	<b>34,988,796</b>	<b>786,218</b>	<b>9,941,297</b>	<b>7,234,265</b>	<b>52,950,575</b>
ACCOUNTS PAYABLE	5,272	0	0	160	5,432
DEPOSITS	61,518	0	0	0	61,518
OTHER CURRENT LIABILITIES	99,189	0	1,281	7,459	107,930
<b>CURRENT LIABILITIES</b>	<b>165,979</b>	<b>0</b>	<b>1,281</b>	<b>7,619</b>	<b>174,880</b>
ACCRUED EXPENSES/OTHER	1,760,743	0	0	438,339	2,199,082
DEFERRED REVENUE	0	0	0	395,098	395,098
<b>LONG-TERM LIABILITIES</b>	<b>1,760,743</b>	<b>0</b>	<b>0</b>	<b>833,437</b>	<b>2,594,181</b>
RETAINED EARNINGS	33,062,073	786,218	9,940,016	6,393,208	50,181,515
<b>TOTAL LIABILITIES &amp; RETAINED EARNINGS</b>	<b>34,988,796</b>	<b>786,218</b>	<b>9,941,297</b>	<b>7,234,265</b>	<b>52,950,575</b>
<b>INCOME STATEMENT</b>					
<b>OPERATING REVENUE</b>					
SERVICE CHARGES	1,950,908	0	0	0	1,950,908
OTHER OPERATING REVENUE	15,783	0	0	958,799	974,582
<b>TOTAL OPERATING REVENUE</b>	<b>1,966,691</b>	<b>0</b>	<b>0</b>	<b>958,799</b>	<b>2,925,490</b>
<b>NON-OPERATING REVENUE</b>					
CONNECTION FEES	0	0	548,610	533,561	1,082,171
INTEREST	5,814	4,946	63,824	45,305	119,888
OTHER NON-OPERATING REVENUE	584,666	0	0	0	584,666
<b>TOTAL NON-OPERATING REVENUE</b>	<b>590,480</b>	<b>4,946</b>	<b>612,434</b>	<b>578,865</b>	<b>1,786,724</b>
TRANSFERS IN	0	91,575	263,083	0	354,658
<b>TOTAL RECEIPTS</b>	<b>2,557,170</b>	<b>96,521</b>	<b>875,517</b>	<b>1,537,665</b>	<b>5,066,873</b>
<b>DISBURSEMENTS</b>					
OPERATING EXPENSES	1,786,675	0	52,258	666,251	2,505,184
CAPITAL PROJECTS	0	0	628,649	254,549	883,198
TRANSFER OUT	354,658	0	0	0	354,658
<b>TOTAL DISBURSEMENTS</b>	<b>2,141,333</b>	<b>0</b>	<b>680,907</b>	<b>920,801</b>	<b>3,743,040</b>
<b>NET INCOME (LOSS)</b>	<b>415,837</b>	<b>96,521</b>	<b>194,610</b>	<b>616,864</b>	<b>1,323,832</b>
<b>EXPENSE BUDGET FOR FY 2016</b>	<b>2,065,123</b>				
<b>WORKING CAPITAL TARGET FOR FY 2016</b>	<b>688,374</b>				
<b>WORKING CAPITAL TARGET (in months)</b>	<b>4.00</b>				
<b>WORKING CAPITAL</b>	<b>992,484</b>	<b>786,218</b>	<b>9,590,418</b>	<b>7,023,924</b>	<b>18,393,044</b>
<b>WORKING CAPITAL ON HAND</b>	<b>5.77</b>				
<b>(in months) WC / (ExpBudget / 12)</b>					
<b>CURRENT EXCESS (DEFICIENCY)</b>	<b>304,110</b>				
<i>Working Capital - Working Capital Target</i>					

	300 Regional Sewer Operations	305 Regional Rate Stabilization (RSF)	310 Regional Sewer Replacement	320 Regional Sewer Expansion	Total
<b>BALANCE SHEETS</b>					
CASH & INVESTMENTS	6,546,452	7,807,681	19,299,986	45,893,588	79,547,707
RECEIVABLES	559,301	11,097	27,736	331,655	929,790
OTHER	332,492	0	0	395,852	728,343
<b>CURRENT ASSETS</b>	<b>7,438,245</b>	<b>7,818,778</b>	<b>19,327,721</b>	<b>46,621,095</b>	<b>81,205,840</b>
FIXED ASSETS	105,531,416	0	1,553,491	29,664,640	136,749,547
LONG-TERM ASSETS	3,760,984	0	34,634	576,836	4,372,454
<b>TOTAL ASSETS</b>	<b>116,730,645</b>	<b>7,818,778</b>	<b>20,915,846</b>	<b>76,862,572</b>	<b>222,327,841</b>
ACCOUNTS PAYABLE	575,018	0	0	0	575,018
DEPOSITS	175,730	0	0	3,725	179,455
OTHER CURRENT LIABILITIES	555,589	0	28,144	285,085	868,818
<b>CURRENT LIABILITIES</b>	<b>1,306,336</b>	<b>0</b>	<b>28,144</b>	<b>288,810</b>	<b>1,623,290</b>
BONDS PAYABLE	6,708,041	0	0	29,992,372	36,700,413
ACCRUED EXPENSES/OTHER	10,222,761	0	0	75,511	10,298,271
DEFERRED REVENUE	0	0	34,634	541,153	575,787
<b>LONG-TERM LIABILITIES</b>	<b>16,930,801</b>	<b>0</b>	<b>34,634</b>	<b>30,609,036</b>	<b>47,574,471</b>
RETAINED EARNINGS	98,493,507	7,818,778	20,853,069	45,964,726	173,130,080
<b>TOTAL LIABILITIES &amp; RETAINED EARNINGS</b>	<b>116,730,645</b>	<b>7,818,778</b>	<b>20,915,846</b>	<b>76,862,572</b>	<b>222,327,841</b>
<b>INCOME STATEMENT</b>					
<b>OPERATING REVENUE</b>					
SERVICE CHARGES	16,080,876	0	0	0	16,080,876
OTHER OPERATING REVENUE	364,604	0	0	23,770	388,374
<b>TOTAL OPERATING REVENUE</b>	<b>16,445,480</b>	<b>0</b>	<b>0</b>	<b>23,770</b>	<b>16,469,250</b>
<b>NON-OPERATING REVENUE</b>					
CONNECTION FEES	0	0	2,252,892	14,666,034	16,918,926
INTEREST	35,996	51,551	120,236	275,872	483,655
OTHER NON-OPERATING REVENUE	14,676	0	0	0	14,676
<b>TOTAL NON-OPERATING REVENUE</b>	<b>50,673</b>	<b>51,551</b>	<b>2,373,128</b>	<b>14,941,906</b>	<b>17,417,257</b>
TRANSFERS IN	0	0	2,359,923	0	2,359,923
<b>TOTAL RECEIPTS</b>	<b>16,496,153</b>	<b>51,551</b>	<b>4,733,050</b>	<b>14,965,676</b>	<b>36,246,430</b>
<b>DISBURSEMENTS</b>					
OPERATING EXPENSES	15,870,939	0	187,629	4,359,526	20,418,095
CAPITAL PROJECTS	0	0	1,587,357	708,193	2,295,550
TRANSFER OUT	2,359,923	0	0	0	2,359,923
<b>TOTAL DISBURSEMENTS</b>	<b>18,230,861</b>	<b>0</b>	<b>1,774,986</b>	<b>5,067,720</b>	<b>25,073,567</b>
<b>NET INCOME (LOSS)</b>	<b>(1,734,709)</b>	<b>51,551</b>	<b>2,958,064</b>	<b>9,897,956</b>	<b>11,172,863</b>
<b>EXPENSE BUDGET FOR FY 2016</b>	<b>16,303,153</b>				
WORKING CAPITAL TARGET FOR FY 2016	5,434,384				
WORKING CAPITAL TARGET (in months)	4.00				
WORKING CAPITAL	6,131,909	7,818,778	19,299,578	46,332,285	79,582,550
WORKING CAPITAL ON HAND (in months) WC / (ExpBudget / 12)	4.51				
<b>CURRENT EXCESS (DEFICIENCY)</b>	<b>697,524</b>				
<i>Working Capital - Working Capital Target</i>					

	600 Water Operations	605 Water Rate Stabilization (RSF)	610 Water Replacement	620 Water Expansion	Total
<b>BALANCE SHEETS</b>					
CASH & INVESTMENTS	8,959,572	11,010,617	13,266,799	17,928,162	51,165,149
RECEIVABLES	938,272	14,936	15,862	27,860	996,931
OTHER	0	0	0	0	0
<b>CURRENT ASSETS</b>	<b>9,897,844</b>	<b>11,025,553</b>	<b>13,282,661</b>	<b>17,956,021</b>	<b>52,162,079</b>
FIXED ASSETS	121,461,659	0	3,073,265	24,247,774	148,782,698
LONG-TERM ASSETS	2,442,206	0	0	300,787	2,742,992
<b>TOTAL ASSETS</b>	<b>133,801,709</b>	<b>11,025,553</b>	<b>16,355,926</b>	<b>42,504,582</b>	<b>203,687,769</b>
ACCOUNTS PAYABLE	56,545	0	0	0	56,545
DEPOSITS	518,072	0	0	0	518,072
OTHER CURRENT LIABILITIES	3,179,352	24,072	70,786	855,404	4,129,615
<b>CURRENT LIABILITIES</b>	<b>3,753,969</b>	<b>24,072</b>	<b>70,786</b>	<b>855,404</b>	<b>4,704,232</b>
BONDS PAYABLE	0	0	0	34,837,909	34,837,909
ACCRUED EXPENSES/OTHER	6,031,235	0	0	696,615	6,727,849
DEFERRED REVENUE	0	0	0	5,666,717	5,666,717
<b>LONG-TERM LIABILITIES</b>	<b>6,031,235</b>	<b>0</b>	<b>0</b>	<b>41,201,241</b>	<b>47,232,475</b>
RETAINED EARNINGS	124,016,505	11,001,481	16,285,140	447,937	151,751,062
<b>TOTAL LIABILITIES &amp; RETAINED EARNINGS</b>	<b>133,801,709</b>	<b>11,025,553</b>	<b>16,355,926</b>	<b>42,504,582</b>	<b>203,687,769</b>
<b>INCOME STATEMENT</b>					
<b>OPERATING REVENUE</b>					
SERVICE CHARGES	16,635,475	0	0	(1,128)	16,634,346
OTHER OPERATING REVENUE	532,873	71,575	3,552	2,489,881	3,097,882
<b>TOTAL OPERATING REVENUE</b>	<b>17,168,348</b>	<b>71,575</b>	<b>3,552</b>	<b>2,488,753</b>	<b>19,732,228</b>
<b>NON-OPERATING REVENUE</b>					
CONNECTION FEES	0	0	3,110,958	8,717,779	11,828,737
INTEREST	74,561	69,291	87,723	126,570	358,145
OTHER NON-OPERATING REVENUE	867,249	541,327	0	0	1,408,576
<b>TOTAL NON-OPERATING REVENUE</b>	<b>941,810</b>	<b>610,618</b>	<b>3,198,681</b>	<b>8,844,349</b>	<b>13,595,458</b>
TRANSFERS IN	0	2,151,769	6,281,783	618,750	9,052,302
<b>TOTAL RECEIPTS</b>	<b>18,110,157</b>	<b>2,833,962</b>	<b>9,484,017</b>	<b>11,951,852</b>	<b>42,379,988</b>
<b>DISBURSEMENTS</b>					
OPERATING EXPENSES	16,803,960	(330,876)	209,098	4,389,503	21,071,685
CAPITAL PROJECTS	0	0	6,963,535	6,626,613	13,590,148
TRANSFER OUT	6,438,102	2,614,200	0	0	9,052,302
<b>TOTAL DISBURSEMENTS</b>	<b>23,242,063</b>	<b>2,283,324</b>	<b>7,172,632</b>	<b>11,016,116</b>	<b>43,714,135</b>
<b>NET INCOME (LOSS)</b>	<b>(5,131,905)</b>	<b>550,638</b>	<b>2,311,384</b>	<b>935,736</b>	<b>(1,334,147)</b>
<b>EXPENSE BUDGET FOR FY 2016</b>	<b>19,976,821</b>				
<b>WORKING CAPITAL TARGET FOR FY 2016</b>	<b>6,658,940</b>				
<b>WORKING CAPITAL TARGET (in months)</b>	<b>4.00</b>				
<b>WORKING CAPITAL</b>	<b>6,143,875</b>	<b>11,001,481</b>	<b>13,211,875</b>	<b>17,100,617</b>	<b>47,457,848</b>
<b>WORKING CAPITAL ON HAND</b>	<b>3.69</b>				
<b>(in months) WC / (ExpBudget / 12)</b>					
<b>CURRENT EXCESS (DEFICIENCY)</b>	<b>(515,065)</b>				
<i>Working Capital - Working Capital Target</i>					

	900 Administrative Overhead	965 OPEB	995 DV Standby Assessment	Total
<b>BALANCE SHEETS</b>				
CASH & INVESTMENTS	86,849	232,918	2,174,666	0 2,494,433
RECEIVABLES	214,829	417	761	0 216,006
OTHER	92,180	0	0	0 92,180
<b>CURRENT ASSETS</b>	<b>393,858</b>	<b>233,335</b>	<b>2,175,427</b>	<b>0 2,802,619</b>
LONG-TERM ASSETS	0	12,195,375	0	0 12,195,375
<b>TOTAL ASSETS</b>	<b>393,858</b>	<b>12,428,709</b>	<b>2,175,427</b>	<b>0 14,997,994</b>
ACCOUNTS PAYABLE	130,347	64,985	0	0 195,333
OTHER CURRENT LIABILITIES	263,510	714,489	52,576	0 1,030,576
<b>CURRENT LIABILITIES</b>	<b>393,858</b>	<b>779,475</b>	<b>52,576</b>	<b>0 1,225,908</b>
RETAINED EARNINGS	0	11,649,235	2,122,851	0 13,772,085
<b>TOTAL LIABILITIES &amp; RETAINED EARNINGS</b>	<b>393,858</b>	<b>12,428,709</b>	<b>2,175,427</b>	<b>0 14,997,994</b>
<b>INCOME STATEMENT</b>				
<b>OPERATING REVENUE</b>				
OTHER OPERATING REVENUE	1,353,413	0	1,417,144	0 2,770,557
<b>TOTAL OPERATING REVENUE</b>	<b>1,353,413</b>	<b>0</b>	<b>1,417,144</b>	<b>0 2,770,557</b>
<b>NON-OPERATING REVENUE</b>				
INTEREST	0	1,590	8,475	0 10,065
OTHER NON-OPERATING REVENUE	0	0	0	0 0
<b>TOTAL NON-OPERATING REVENUE</b>	<b>0</b>	<b>1,590</b>	<b>8,475</b>	<b>0 10,065</b>
TRANSFERS IN	0	0	0	0 0
<b>TOTAL RECEIPTS</b>	<b>1,353,413</b>	<b>1,590</b>	<b>1,425,619</b>	<b>0 2,780,622</b>
<b>DISBURSEMENTS</b>				
OPERATING EXPENSES	1,353,413	767,687	9,037	0 2,130,137
CAPITAL PROJECTS	0	0	0	0 0
TRANSFER OUT	0	0	0	0 0
<b>TOTAL DISBURSEMENTS</b>	<b>1,353,413</b>	<b>767,687</b>	<b>9,037</b>	<b>0 2,130,137</b>
<b>NET INCOME (LOSS)</b>	<b>0</b>	<b>(766,097)</b>	<b>1,416,583</b>	<b>0 650,486</b>
<b>EXPENSE BUDGET FOR FY 2016</b>	0			
WORKING CAPITAL TARGET FOR FY 2016	0			
WORKING CAPITAL TARGET (in months)	0.00			
WORKING CAPITAL	0	(546,140)	2,122,851	0 1,576,711
WORKING CAPITAL ON HAND (in months) WC / (ExpBudget / 12)	0.00			
CURRENT EXCESS (DEFICIENCY) <i>Working Capital - Working Capital Target</i>	0			

## May Budget Variance Report

Categories are flagged if Actual Expense % > Target Expense %  
(Target Expense % = (Period/12)\*100 + Tolerance %)

Expected Expense: 91.67%

Tolerance Level: 0.00%

Target Expense: 91.67%

Accounting Period: 11  
Accounting Year: 2016

Division: 10. Legislative

	<u>2016 Adjusted Budget</u>	<u>YTD Expenditure</u>	<u>MTD Expenditure</u>	<u>% of YTD to Budget</u>	<u>Flag</u>
Employee Memberships & Certifications	0.00	0.00	0.00	- %	
Medical	25,104.00	17,569.00	1,631.00	69.98%	
Other Benefits	10,352.64	6,272.26	628.54	60.59%	
Retirement	5,330.72	1,817.89	255.97	34.10%	
Salaries	56,160.00	24,820.00	3,650.00	44.20%	
Salary / Benefit Credit	0.00	0.00	0.00	- %	
Training Costs	20,000.00	16,178.91	0.00	80.89%	
<b>1. Personnel</b>	<b>116,947.36</b>	<b>66,658.06</b>	<b>6,165.51</b>	<b>57.00%</b>	
Office Supplies	2,800.00	1,128.84	0.00	40.32%	
<b>2. Materials and Supplies</b>	<b>2,800.00</b>	<b>1,128.84</b>	<b>0.00</b>	<b>40.32%</b>	
Advertising	0.00	0.00	0.00	- %	
Other Services	25,500.00	20,299.30	743.19	79.61%	
Professional Services	33,000.00	13,714.25	0.00	41.56%	
Telecommunication Services	0.00	0.00	0.00	- %	
<b>3. Contract Services</b>	<b>58,500.00</b>	<b>34,013.55</b>	<b>743.19</b>	<b>58.14%</b>	
Meetings	700.00	608.62	24.84	86.95%	
Permits, Licenses & District Mbrshps	0.00	0.00	0.00	- %	
Subscriptions & Publications	0.00	0.00	0.00	- %	
<b>4. Other</b>	<b>700.00</b>	<b>608.62</b>	<b>24.84</b>	<b>86.95%</b>	
<b>10. Legislative Total</b>	<b>178,947.36</b>	<b>102,409.07</b>	<b>6,933.54</b>	<b>57.23%</b>	

## Check History Description Listing

Dublin San Ramon Services District

From: 5/9/2016

To: 6/12/2016

Bank code: apbank

Date	Check #	Vendor	Description	Amount Paid	Check Total
05/10/2016	5102016	03718 HR SIMPLIFIED	IRS 125 - POS 2016	571.40	571.40
05/10/2016	1000692171	01111 CALPERS	MAY 2016 - ER CODE 0740 & 7316	198,135.75	198,135.75
05/12/2016	88935	03536 U S BANK/ CORP PMT SYSTEMS	OFFICE SUPPLIES: TONER, DESK CLOCK 09-6101 RED SMOKE GRILL TOOLS FOR BILL'S TRUCK (UNIT #21) WHIP CONNECTORS FOR CO-GEN #3 FOD SUPPLIES IGNITION HARNESS PLUG FOR CO-GEN #3 16-A006: EPOXY GLUE & MIXING NOZZLE FOR CHAIRMAT LUNCH: OMNIVORE TOUR AT VICTOR VALLEY LAWWMA: FIBER OPTIC PATCH CABLE FOR SLSS ONLINE JOB POSTING - CUSTOMER FIELD REPR RETIREMENT GIFT: D. GALLAGHER SAFEWAY - 2015 EMPLOYEE RECOG EVENT - SU LAWWMA: FIBER OPTIC CONN FOR MEDIA CONVE HOSPITALITY FOR EXCAVATION TRAINING TEAM BUILDING ACCOUNTING AND HR 04/19/20 OFFICE SUPPLIES: PENS, PAPER, ETC. INK CARTRIGES FOR PRINTER OFFICE SUPPLIES: PAPER, REPORT COVERS, M BLOHMAN: E/I-2 CERTIFICATE RENEWAL, EXP (30.368G) DIESEL FOR UNIT #77 5 LUNCHES - SIMPLER SYSTEMS SITE VISITS GM RECEPTION 04/19/16 ALCO & CCC SCIENCE & ENGINEERING FAIR MT PHOTOS FOR 2015 AWQR	124.70 124.13 122.32 119.66 115.74 114.46 108.66 104.67 102.47 102.30 100.00 100.00 100.00 98.46 97.94 97.50 95.18 89.75 88.88 86.00 85.00 84.65 83.46 82.53 79.00	

## Check History Description Listing

Dublin San Ramon Services District

From: 5/9/2016

To: 6/12/2016

Bank code: apbank

Date	Check #	Vendor	Description	Amount Paid	Check Total
			NEW EMPLOYEES - POLO SHIRTS	77.73	
			(27.383G) DIESEL FUEL FOR UNIT #113	76.65	
			ONLINE JOB POSTING - RECYCLED WATER FILL	75.00	
			WATER TANK FOR BLDG S COFFEE MACHINE	74.94	
			GENERAL SUPPLIES	74.84	
			FUEL FOR CLINT'S TRUCK	73.00	
			PAINT	72.91	
			GENERAL SUPPLIES	69.85	
			PUMP SEALS FOR (VAC-CON) UNIT #110	67.67	
			NIKON CAMERA FLASH DIFFUSER	65.68	
			(23.456G) DIESEL FOR UNIT #113	65.65	
			FOD SUPPLIES	65.61	
			ADMINISTRATIVE ANALYST I/II APPRAISAL BO	63.79	
			LAWWMA: LOCKS FOR GENERATOR SECURITY CAG	63.69	
			ELE PARTS FOR OUTLET AT RES 4A RADIO	62.32	
			WATER/WASTEWATER SYSTEMS OPERATOR III/IV	59.90	
			TRAINING SUPPLIES AND SNACKS	58.63	
			NEW HIRE - TEAM LUNCH	56.00	
			16-A006: MATLS FOR DO LOBBY REMODEL	53.61	
			DECORATIONS FOR 2015 RECOGNITION DINNER	53.48	
			RUBBER MOLDING FOR CARPET IN OPS KITCHEN	50.85	
			MEETING W/WEST VALLEY SANITATION DISTRIC	50.24	
			16-A006: MATERIALS FOR DO LOBBY REHAB	47.23	
			QTY (1) LABEL REFILL, QTY (1) 3 PACK OF	43.78	
			USB DRIVES FOR DOWNLOADING PLANS IN FIEL	43.78	
			COPIER LEASES MAIL RMS, TONER MAY 2016	41.61	
			QTY (1) OTTERBOX CASE FOR OPS II IPHONE	41.05	
			LUNCHEON: STATE OF THE CITY ADDRESS - M.	40.00	
			DUBLIN CHAMBER OF COMMERCE - STATE OF TH	40.00	

## Check History Description Listing

Dublin San Ramon Services District

From: 5/9/2016

To: 6/12/2016

Bank code: apbank

Date	Check #	Vendor	Description	Amount Paid	Check Total
			FOD SUPPLIES	39.58	
			14-P004 SAFEWAY BIOSOLIDS MTG 03-24-16	39.50	
			KEYS	39.42	
			SCIENCE & ENGINEERING FAIR SOP BINDER SU	39.39	
			TIDE PODS	39.38	
			GASOLINE - DO ENGINEERING SUV	39.27	
			CHROMECAST FOR LOBBY MONITOR	38.35	
			CUSTOM CAUTION SIGN FOR ELEVATOR	38.01	
			OIL ABSORBENT FOR SHOP	36.84	
			MEETING: OPERATIONS MANAGER & BOARD MEMB	35.57	
			16-A006: SUPPLIES FOR DO LOBBY REMODEL	34.53	
			PANERA: WESTERN RW COALITION MTG 04-14-1	33.48	
			DO LOBBY UPGRADE PROJECT - SUPPLIES TO H	31.42	
			2016 JOBS AVAILABLE ANNUAL SUBSCRIPTION	30.00	
			DONUTS FOR TRAINING 4/14/2016	29.97	
			LOBBY UPGRADE	29.57	
			DREDGE PARTS	28.07	
			LOBBY UPGRADE	27.94	
			QTY (1) USB ETHERNET ADAPTER FOR SURFACE	27.36	
			TAP & DRILL BITS FOR MOUNTING WHIP CONNE	26.52	
			PRO SUBSCRIPTION (APRIL 2016)	26.00	
			FASTRACK REPLENISHING CHARGE MAR '16	25.00	
			ADMINISTRATIVE ANALYST I/II APPRAISAL BO	24.66	
			AIRPORT PARKING: VISIT TO VVWRA FOR OMNI	24.00	
			CUSTOM SIGN FOR ELEVATOR	23.52	
			STEPHENSON - ACWA COMMUNICATIONS COMMITT	23.00	
			NEW HIRE LUNCH WITH DAVID HIGARES	21.74	
			R BIAGTAN THE GROVE BACWA EXEC BOARD MTG	21.00	
			(7.486G) DIESEL FOR UNIT #77	20.95	

## Check History Description Listing

Dublin San Ramon Services District

From: 5/9/2016

To: 6/12/2016

Bank code: apbank

Date	Check #	Vendor	Description	Amount Paid	Check Total
			REFRESHMENT FOR JOINT MAINT MEETING - 04	20.00	
			DONUTS FOR 4/21/16 TRAINING	19.98	
			CANDLE HOLDERS & CANDLES FOR 2015 RECOGN	19.71	
			20GAL TOTE FOR BATTERIES @ RECYCLE TURN-	18.58	
			EMPLOYEE NAMEPLATE - SAMANTHA HALVERSON	17.52	
			TAP WRENCH FOR CO-GEN	16.41	
			TARGET - EMPLOYEE RECOGNITION EVENT SUPP	15.82	
			LOBBY UPGRADE	15.31	
			STEPHENSON - ACWA BOARD MEETING 032516 P	15.00	
			GASOLINE - DISTRICT POOL VEHICLE	15.00	
			4/21 EXCAVATION TRAINING BREAKFAST SNACK	14.97	
			WWSO III-IV APPRAISAL BOARD EXPENSE (3/3	14.21	
			EXTENSION CORD FOR RES	13.13	
			R BIAGTAN BART BACWA EXECUTIVE BOARD MEE	11.90	
			FAX SERVICE - MAR. 2016	7.95	
			LOBBY UPGRADE	7.65	
			2 BAGS OF ICE	5.45	
			16-A006: T-BAR FOR DO CEILING	4.73	
			16-A006: T-BAR FOR DO LOBBY	4.73	
			WATER/WASTEWATER SYSTEMS OPERATOR III/IV	2.89	
			SAFETY JACKETS & TROUSERS	1,338.95	
			EDEN CONFERENCE REGISTRATION FEE	1,000.00	
			COPY PAPER, TONER, TAB LABELS, ETC	761.35	
			ERGONOMIC TABLE	664.46	
			CSDA - 2016 SPECIAL DISTRICT LEADERSHIP	600.00	
			TONER, CHARIMAT, COPY PAPER	593.21	
			ERGONOMIC EQUIPMENT	577.06	
			BEST BUY - APPLE IPAD AIR 2 - SILVER - E	550.49	
			BEST BUY - APPLE IPAD AIR 2 - SPACE GRAY	550.49	

## Check History Description Listing

Dublin San Ramon Services District

From: 5/9/2016

To: 6/12/2016

Bank code: apbank

Date	Check #	Vendor	Description	Amount Paid	Check Total
			BEST BUY - APPLE IPAD AIR 2 - GOLD- EMPL	550.49	
			(3QTY) REPLT O2 SENSORS FOR GAS MONITORS	542.03	
			MAYOR HAUBERT STATE OF CITY LUNCHEON 04/	500.00	
			SAFEWAY - 2015 EMPLOYEE RECOG EVENT - EM	500.00	
			TOOLBOX FOR GOLF CART #329 (BOB BROUGH'S	488.82	
			ERGONOMIC EQUIPMENT	469.76	
			(3QTY) LOCK NUT FOR PS 300C PUMP IMPELLE	453.33	
			DSRSD LOGO/WEBSITE PENS	421.29	
			F. KHAW NCBPA BACKFLOW RECERT CLASS AND	415.00	
			SUNHATS - PPE	408.57	
			2015 EE RECOGNITION EVENT - TOY EXPENSE	400.00	
			EQUIPMENT ID STICKERS FOR FLEET	370.55	
			R. ROBLES CRWA CONF - HARVEYS ROOM 4-25	353.69	
			R. LAWRENCE CRWA CONF - HARVEYS ROOM 4-2	353.69	
			14 SAFEWAY GIFT CARDS FOR 2015 RECOGNITI	350.00	
			SAFETY GEAR: JACKET & TROUSERS	344.54	
			HIGH VIS VESTS FOR WWTP VISITORS	299.40	
			SHUTTLE: VVWRA FOR OMNIVORE TOUR	285.90	
			SAFETY GLASSES FOR J. PETTINICHO	280.80	
			14-P004 SPECIALTY'S SANDWICHES BIOSOLIDS	255.01	
			REPLT DOOR HINGE FOR BLDG T	247.00	
			LUNCH FOR 4/14 TRAINING PARTICIPANTS	246.32	
			OFFICE SUPPLIES: PENS, LABELS, PAPER, MA	243.56	
			BATTERIES FOR OPS UPS	234.82	
			(10QTY) LED WORK LIGHT FOR CARTS & EQUIP	232.84	
			VALDEZ APA MEMBERSHIP-MAY 2016 RENEWAL	219.00	
			2016 HERMES CREATIVE AWARD STATUETTE	209.00	
			ERGONOMIC PC MONITOR FOR ROGER LI	201.09	
			MICRO TONER INK CARTRIDGE FOR AP / PAYRO	190.52	

## Check History Description Listing

Dublin San Ramon Services District

From: 5/9/2016

To: 6/12/2016

Bank code: apbank

Date	Check #	Vendor	Description	Amount Paid	Check Total
			ERGO EQUIPMENT - PPE	186.08	
			ROCK MATERIAL	182.32	
			OFFICE SUPPLIES: HANDING FOLDERS, LABELS	180.31	
			COOLANT FOR DREDGE	180.16	
			ONLINE TRAINING HANDS-ON SQL 2016 REPO	169.00	
			R. LEE CWEA RENEWAL 3-16	164.00	
			J. KILLIPS CWEA RENEWAL	164.00	
			PARTS FOR DREDGE	155.73	
			BAILEY - 2015/2016 MEMBERSHIP FEE	155.00	
			KEYBOARD/MOUSE, COPY PAPER, ENVELOPES, E	151.66	
			FOD SUPPLIES	150.30	
			TRAFFIC CONTROL TRAINING - D. HIGARES	150.00	
			COMPLIANCE TRAINING (NEW HIRES) - HIPAA	149.95	
			OFFICE SUPPLIES: PAPER, HANGING CLIPS, L	148.19	
			ERGO EQUIPMENT	144.62	
			VADEN - CAPPO MEMBERSHIP 03/16-02/17	130.00	24,656.28
05/12/2016	88936	00710 AAI TERMITE & PEST CONTROL	APR 2016: MONTHLY DO PEST CONTROL	145.00	
			PEST CONTROL 4/19/16 AT PS4	45.00	190.00
05/12/2016	88937	00031 ALLIED FLUID PRODUCTS CORP	MECHANICAL SEAL REPAIR FOR PS 300C	1,829.83	
			REBUILD KIT FOR PS 300C MECHANICAL SEALS	6.84	1,836.67
05/12/2016	88938	01013 BARRETT BUSINESS SERVICES	D. HESTER: WE 04/17/16	1,024.00	
			S. GREER: WE 04/17/16	1,024.00	
			C. SIMMONS: WE 04/17/16	464.64	
			N. POON: WE 04/17/16	413.44	
			S. JENNE: W/E 4/17/16	184.32	
			K. KOLODZIE: W/E 4/17/16	184.32	
			C. HIVES: W/E 4/17/16	143.36	
			P. BRICK JR.: W/E 4/17/16	92.16	3,530.24

## Check History Description Listing

Dublin San Ramon Services District

From: 5/9/2016

To: 6/12/2016

Bank code: apbank

Date	Check #	Vendor	Description	Amount Paid	Check Total
05/12/2016	88939	05359 BURKE, WILLIAMS & SORENSEN	GENERAL COUNSEL SVCS - MARCH 2016	1,127.36	1,127.36
05/12/2016	88940	03614 CAROLLO ENGINEERS	DERWA TO NO. OC-17 SUPPLEMENTAL WATER SU 14-W007 TO NO. OC-18 WATER MASTER PLAN A	3,149.43 2,580.70	5,730.13
05/12/2016	88941	00216 DAIOHS U.S.A. INC.	FY2016 HOT BEVERAGE SERVICE DO - MAY 201	211.25	211.25
05/12/2016	88942	07205 GLENMOUNT GLOBAL SOLUTION	09-6101 PP#7 SCADA 03/01/16-03/31/16	215,694.73	215,694.73
05/12/2016	88943	04424 GRAYBAR ELECTRIC COMPANY	RETURN FROM ORG INV #0984686764 ELE PARTS/SUPPLIES FOR SHOP STOCK ELE PARTS/SUPPLIES FOR SHOP STOCK	-69.15 1,217.41 17.08	1,165.34
05/12/2016	88944	00478 FLORENCE KHAW	KHAW REIMB EXP AT NCBPA 04/21- 22/16	49.24	49.24
05/12/2016	88945	01171 MCGUIRE & HESTER	UB Refund Cst #00066410	1,000.00	1,000.00
05/12/2016	88946	02076 NORTHERN TOOL & EQUIPMENT	LAWWMA: SHELVING FOR PUMP STATION BACK-UP SOLAR FOR STANDBY EQUIPMENT PORTABLE FUEL TRANSFER PUMP	566.30 349.98 139.99	1,056.27
05/12/2016	88947	00608 OFFICE TEAM	TEMP SVCS W/E 04/22/16 - MONTAGUE TEMP SVCS W/E 04/29/16 - MONTAGUE	1,177.30 115.80	1,293.10
05/12/2016	88948	04553 PACHECO BROTHERS GARDEN	LAWWMA: WEED ABATEMENT - EL CHARRO ROAD	200.00	200.00
05/12/2016	88949	00685 R.S. HUGHES CO., INC.	HIGH VIS APPAREL - GROUP ORDER CHEST WADERS - S. KOZANDA PPE HIGH VIS COAT RAIN COAT - S. TRAN	225.32 135.57 65.12 29.55	455.56
05/12/2016	88950	04973 NATERCIA SAUCEDA	CASE ID FL364781: PAYMENT	111.23	111.23
05/12/2016	88951	05026 UNIVAR USA INC.	WWTP SODIUM HYPOCHLORITE DELIVERY 04/22/	2,160.05	2,160.05
05/12/2016	88952	01719 A & M PRINTING, INC.	PRINTING & MAILING SERVICE: SEWER CLEANI BUSINESS CARDS - DANIEL MCINTYRE BUSINESS CARDS - SCOTT ROBERSON	2,124.49 63.50 49.27	2,237.26

## Check History Description Listing

Dublin San Ramon Services District

From: 5/9/2016

To: 6/12/2016

Bank code: apbank

Date	Check #	Vendor	Description	Amount Paid	Check Total
05/12/2016	88953	02578 ALPHA OMEGA WIRELESS	CAMBIDIUM PTP 450I RADIO LINK RES4A - SN L	12,109.48	12,109.48
05/12/2016	88954	01076 ALSICO INC	WWTP TOWEL SERVICE APR '16	219.52	
			FOD TOWEL SERVICE APR '16	141.60	361.12
05/12/2016	88955	02158 AMADOR VALLEY INDUSTRIES	FOD APRIL RENTAL FOR DUMPSTER AND 20 YD	322.81	322.81
05/12/2016	88956	01954 ANDERSON'S UNIFORMS	ANN CIGLIUTI: UNIFORM ITEMS	337.81	337.81
05/12/2016	88957	06349 ARCSINE ENGINEERING	09-6101 TO NO. 2 THRU 03-31-16	68,563.95	68,563.95
05/12/2016	88958	00058 ARROWHEAD MOUNTAIN SPRING	BOTTLED WATER LAB	61.01	61.01
05/12/2016	88959	06211 ASSOCIATED SERVICES CO.	OPS DEPT HOT BEVERAGE SERVICE APR '16	192.95	192.95
05/12/2016	88960	00622 AT&T	LAWWMA PS & SANLEANDRO DECHLOR STATION A	103.26	103.26
05/12/2016	88961	01697 B & C TRUCK PARTS, INC	WASHER PUMP FOR UNIT #77	94.52	
			FILTERS FOR UNIT #77	41.15	135.67
05/12/2016	88962	00080 BAY AREA COATING INC.	CONSTRUCTION MGMNT - POTABLE & RECYCLED	16,910.19	16,910.19
05/12/2016	88963	06176 BAY VALVE SERVICE & ENG'G LLC	(3QTY) REPLT ACTUATORS FOR COOLING AND F	1,882.37	1,882.37
05/12/2016	88964	02217 BSK ASSOCIATES INC.	SAMPLE TESTING	660.00	660.00
05/12/2016	88965	05329 CALIFORNIA SERVICE TOOL	SHIPPING & HANDLING CHARGES M-4 ROL-A-LI	216.81	216.81
05/12/2016	88966	01085 CALPERS LONG-TERM CARE PR	LONG-TERM CARE: PAYMENT	68.12	68.12
05/12/2016	88967	00105 CAL-STEAM	DERWA: REPLT BALL VALVE FOR MF/RO BLDG R	361.32	361.32
05/12/2016	88968	00118 CALTEST ANALYTICAL LAB	SAMPLE TESTING	180.50	180.50
05/12/2016	88969	07519 CH2O INC.	RETURN: DAMAGED PRODUCT FROM INV 243517	-264.14	
			LOOP WATER SYSTEM TREATMENT AND TESTING	1,838.04	
			REPLT LOOP WATER SYSTEM TREATMENT (DAMAG	264.14	1,838.04
05/12/2016	88970	01167 CITY OF DUBLIN	FOD-ENCROACHMENT PERMIT @ 11322 MARWICK	488.00	488.00
05/12/2016	88971	07589 CONTRA COSTA CO TAX COLLECTOR	FY16 SECURED PROPERTY TAX FOR PARCEL #22	89.43	

## Check History Description Listing

Dublin San Ramon Services District

From: 5/9/2016

To: 6/12/2016

Bank code: apbank

Date	Check #	Vendor	Description	Amount Paid	Check Total
			FY16 SECURED PROPERTY TAX FOR PARCEL #22	53.25	142.68
05/12/2016	88972	07538 COSCO FIRE PROTECTION	FIRE ALARM REPAIR WORK - DISTRICT OFFICE	2,140.00	2,140.00
05/12/2016	88973	01156 CWEA	VIRGIL SEVILLA: MEMBERSHIP FY 2017	164.00	164.00
05/12/2016	88974	07592 CWEA NSJS	S. ROBERSON REGISTRATION FOR CWEA COLLEC	25.00	25.00
05/12/2016	88975	03859 DUBLIN TROPHY HOUSE	DUBLIN TROPHY - SERVICE PLAQUES FOR 2015	410.82	410.82
05/12/2016	88976	00280 ECOWATER SYSTEMS	LAB WATER SOFTENER EXCHANGE TANKS: OPS M	205.20	
			RO TANKS (QTY 2) EXCHANGED QUARTERLY: ME	17.00	222.20
05/12/2016	88977	04991 EISENBERG, OLIVIERI & ASSOC.	NPDES PERMIT RENEWAL ASSISTANCE MAR '16	1,745.63	1,745.63
05/12/2016	88978	00300 ENVIRONMENTAL SCIENCE ASS	RESTORATION MONITORING - MAR 1 THRU MAR	178.81	178.81
05/12/2016	88979	00307 FAIRWAY EQUIPMENT & SUPPLY	STAINLESS FITTINGS FOR FUEL SKID AND SHO	2,987.39	
			PARTS FOR WASHER COMPACTOR DRAINS	1,660.43	4,647.82
05/12/2016	88980	00314 FEDEX	WWTP: OVERNIGHT DELIVERY CHARGES APR '16	14.05	14.05
05/12/2016	88981	00699 FLYERS ENERGY, LLC	04/19/16: (300G) REG 87 UNLEADED GASOLIN	714.78	714.78
05/12/2016	88982	06865 FUTURE FORD OF CONCORD	ROTOR ASY & BRAKE KIT FOR UNIT #20	169.98	169.98
05/12/2016	88983	05474 HEATHORN MECH'L SERVICES, I	ADDL LABOR/MATL COST TO REMOVE & REPLACE	3,502.36	3,502.36
05/12/2016	88984	00417 IDEXX DISTRIBUTION, INC	TESTING CHEMICALS AND SUPPLIES	218.54	218.54
05/12/2016	88985	01225 KAESER COMPRESSORS, INC	OIL FILTER CARTRIDGE FOR PLANT AIR COMPR	469.37	
			LAWWMA: EMERGENCY STOP DEVICES FOR AIR C	125.77	595.14
05/12/2016	88986	00468 KAMAN INDUSTRIAL TECHNOLO	PARTS FOR AERATION MIXER	285.77	
			PARTS FOR AERATION MIXER: SEAL, RADIAL B	229.16	
			HI POWER V BELT FOR PRIMARY SCUM PUMPS	34.39	549.32
05/12/2016	88987	06550 KARLA BROWN	BOARD MEETING ATTENDANCE - 04/20/16	50.00	50.00
05/12/2016	88988	06166 KBA	COPIERS UCC & LEASE 05/01-05/31/16	809.21	809.21

## Check History Description Listing

Dublin San Ramon Services District

From: 5/9/2016

To: 6/12/2016

Bank code: apbank

Date	Check #	Vendor	Description	Amount Paid	Check Total
05/12/2016	88989	05406 MAAS BROTHERS POWDER CO/	(20QTY) ORANGE PAINT FOR CO-GEN	190.00	190.00
05/12/2016	88990	04480 MACHINING UNLIMITED	ADAPTER FOR AMPHENOL PLUG ON CO-GEN #3 I	200.00	200.00
05/12/2016	88991	07264 MANPOWERGROUP US INC.	M. ZAKLAN: WE 04/17/16	404.25	404.25
05/12/2016	88992	05368 JOHN MARCHAND	BOARD MEETING ATTENDANCE - 04/20/16	50.00	50.00
05/12/2016	88993	00536 MC MASTER-CARR SUPPLY CO.	PARTS FOR CO-GEN #3 FUEL SWITCHING	106.99	106.99
05/12/2016	88994	05897 MERIT RESOURCE GROUP	A. MCCAFFERY: 04/17/16	1,227.40	1,227.40
05/12/2016	88995	04796 NAPA AUTO PARTS	AC FREON FOR STOCK	164.25	164.25
05/12/2016	88996	07100 ARNE OLSON	BOARD MEETING ATTENDANCE - 04/20/16	50.00	50.00
05/12/2016	88997	02109 ONE HOUR DELIVERY SERVICE,	ONE HOUR DELIVERY - BOD MAIL DELIVERY 4/	120.00	120.00
05/12/2016	88998	00620 P G & E	WWTP ELECTRICITY - MARCH 2016	16,936.23	
			PUMP STATION 200A ELEC - APRIL 2016	4,289.97	
			DISTRICT OFFICE ELECTRICITY - APRIL 2016	3,878.50	
			PUMP STATION 4A ELEC - APRIL 2016	462.84	
			DO UTILITY BUILDING ELEC - APRIL 2016	130.03	
			RESERVOIR R100 ELEC - MAY 2016	19.82	
			ALAMO TRUNK SEWER ELEC - APRIL 2016	18.49	
			JOHNSON DRIVE STREETSCAPE ELEC - APRIL 2	12.08	25,747.96
05/12/2016	88999	04211 PLATT ELECTRIC SUPPLY	REPLT PANEL/CONTROL FOR PRIMARY EQPT GAL	4,433.30	4,433.30
05/12/2016	89000	05475 PRESIDIO SYSTEMS, INC.	2016 CCTV INSPECTION SERVICES FOR DEVELO	154.50	154.50
05/12/2016	89001	07502 TRANSFORMER SERVICES RES/	MV TRANSFORMER OIL TESTING FOR DERWA & W	5,038.00	5,038.00
05/12/2016	89002	06444 RICHERT LUMBER	CONCRETE SEALANT	29.74	29.74
05/12/2016	89003	05781 THERMO ELECTRON NORTH AM	TORCH, INJECTOR, TUBING	668.39	668.39
05/12/2016	89004	00556 UNITED WAY OF THE BAY AREA	UNITED WAY: PAYMENT	280.93	280.93
05/12/2016	89005	00933 VWR INTERNATIONAL, INC.	VWR BEAKERS	-109.07	

## Check History Description Listing

Dublin San Ramon Services District

From: 5/9/2016

To: 6/12/2016

Bank code: apbank

Date	Check #	Vendor	Description	Amount Paid	Check Total
			CHEMICALS AND SUPPLIES	560.74	
			LAWWMA: REAGENT FOR LAWWMA CHLORINE ANAL	164.52	
			CHEMICALS AND SUPPLIES	31.71	647.90
05/12/2016	89006	07021 BOB WOERNER	BOARD MEETING ATTENDANCE - 04/20/16	50.00	50.00
05/12/2016	89007	00987 ZONE 7 WATER AGENCY	APRIL 2016 CONNECTION FEES	2,155,736.40	2,155,736.40
05/12/2016	8275831	00591 NEOPOST USA INC.	POSTAGE ADVANCE 05/12/16	1,000.00	1,000.00
05/16/2016	8015	05511 CALIFORNIA STATE	CHILD SUPPORT GARNISHMENT: PAYMENT	86.31	86.31
05/16/2016	5162016	03718 HR SIMPLIFIED	IRS 125 POS/DCA/FSA	1,853.19	1,853.19
05/16/2016	607051615	01098 NATIONWIDE RETIREMENT SOLI	NATIONAL DEFERRED COMPENSATION: PAYMENT	59,293.58	59,293.58
05/16/2016	1000699070	00494 PERS	RETIREMENT: PAYMENT	88,716.30	88,716.30
05/17/2016	80176868	00558 IRS - PAYROLL TAXES	FEDERAL WITHHOLDING TAXES: PAYMENT	139,844.77	139,844.77
05/17/2016	894751056	00559 EDD - PAYROLL	CALIFORNIA STATE TAXES: PAYMENT	24,635.99	24,635.99
05/19/2016	89008	00710 AAI TERMITE & PEST CONTROL	APRIL PEST CONTROL AT FOD	45.00	45.00
05/19/2016	89009	00031 ALLIED FLUID PRODUCTS CORP	MECHANICAL SEAL REPAIR WWTP GRIT PUMP	2,160.55	2,160.55
05/19/2016	89010	01013 BARRETT BUSINESS SERVICES	S. GREER: WE 04/24/16	1,024.00	
			D. HESTER: WE 04/24/16	819.20	
			C. SIMMONS: WE 04/24/16	549.12	
			N. POON: WE 04/24/16	348.16	2,740.48
05/19/2016	89011	01013 BARRETT BUSINESS SERVICES	P. BRICK JR.: W/E 4/24/16	253.44	
			C. HIVES: W/E 4/24/16	143.36	
			W. RHODES: W/E 04/24	122.88	
			K. KOLODZIE: W/E 4/24/16	92.16	611.84
05/19/2016	89012	00103 C. OVERAA & CO.	09-6101 WATER & RW SCADA IMPROVEMENTS PR	959.56	959.56
05/19/2016	89013	06114 EID, INC.	15-A006 EID MSTR AGREEMENT TASK ORDERS	15,000.00	15,000.00

## Check History Description Listing

Dublin San Ramon Services District

From: 5/9/2016

To: 6/12/2016

Bank code: apbank

Date	Check #	Vendor	Description	Amount Paid	Check Total
05/19/2016	89014	04691 INC. EQUIFAX INFORMATION SVI	EQUIFAX	420.84	420.84
05/19/2016	89015	04424 GRAYBAR ELECTRIC COMPANY	ELE PARTS/SUPPLIES FOR STOCK IN-USE OUTLETS FOR STOCK ELE PARTS/SUPPLIES FOR CO-GEN #3 FUEL BL	772.02 178.51 78.39	1,028.92
05/19/2016	89016	01242 INFO SEND, INC	UB BILLING PRINTING/MAILING SVCS APR 201	336.37	336.37
05/19/2016	89017	01955 RICK LAWRENCE	LAWRENCE REIMB EXP AT 2016 CRWA EXPO 04/	41.19	41.19
05/19/2016	89018	03518 KEVIN LEWIS	LEWIS REIMB EXP AT 2016 CWEA CONFERENCE	87.48	87.48
05/19/2016	89019	07234 NMI INDUSTRIAL HOLDINGS, LLC	14-S013 PP#6 03/01/16-04/28/16	41,535.90	41,535.90
05/19/2016	89020	02076 NORTHERN TOOL & EQUIPMENT	SHELVING PARTS FOR BLDG S ELE SHOP DRILL BIT INDEX FOR FACILTIY USE	3,634.11 133.98	3,768.09
05/19/2016	89021	02703 RAY ROBLES	ROBLES REIMB EXP AT 2016 CRWA EXPO 04/25	94.31	94.31
05/19/2016	89022	02470 SHRED-IT USA LLC	SHREDDING SERVICES FY 2016 - APR. 2016	124.80	124.80
05/19/2016	89023	00762 TESTAMERICA LABORATORIES I	SAMPLE TESTING SAMPLE TESTING SAMPLE TESTING	379.00 110.00 46.50	535.50
05/19/2016	89024	05026 UNIVAR USA INC.	WWTP SODIUM HYPOCHLORITE DELIVERY ON 04/ DERWA SODIUM HYPOCHLORITE DELIVERY 04/06	2,041.49 1,953.74	3,995.23
05/19/2016	89025	04694 VULCAN MATERIALS CO	23.17 TONS OF 3/4IN CL 2 BASE FOR REPAIR	271.88	271.88
05/19/2016	89026	00937 W.W. GRAINGER, INC.	LAWWMA: REPLT 3-WAY SOLENOID VALVE FOR S LAWWMA: ELE PARTS/SUPPLIES FOR SLSS SAMP THERMOCOUPLE EXTENSION WIRE FOR CO-GEN # THERMOCOUPLE JACK & PLUG FOR CO-GEN #3 REBUILD KIT FOR MINI TORCH LAWWMA: ELE PARTS/SUPPLIES FOR ANALYZER LAWWMA: CPVC TEE FOR SLSS REHAB	586.84 251.43 211.05 121.08 79.07 72.76 29.38	1,351.61

Bank code: apbank

Date	Check #	Vendor	Description	Amount Paid	Check Total
05/19/2016	89027	00985 ZASIO ENTERPRISES INC.	ZASIO - VERSATILE COLOR LABEL DESIGNER &	1,416.66	1,416.66
05/19/2016	89028	03622 JUDY ZAVADIL	ZAVADIL RIEMB EXP AT 2016 WATEREUSE CONF	278.09	278.09
05/19/2016	89029	01738 3T EQUIPMENT COMPANY INC.	MISC PARTS FOR CCTV CAMERA	1,223.73	1,223.73
05/19/2016	89030	01738 3T EQUIPMENT COMPANY INC.	2 8" HI TRACTION REPLACEMENT TRACKS PARTS FOR CCTV CAMERA	1,040.25 559.38	1,599.63
05/19/2016	89031	01719 A & M PRINTING, INC.	PRINTING SERVICES - BILL INSERT (AWQR 20	1,615.45	1,615.45
05/19/2016	89032	06512 MATT ADAM	MM PHOTOGRAPHY - PHOTOGRAPHER 2015 EMPLO	200.00	200.00
05/19/2016	89033	02158 AMADOR VALLEY INDUSTRIES	DO GARBAGE SVC - FY 15/16 - APRIL 2016	321.67	321.67
05/19/2016	89034	01195 AMERICAN BATTERY CO.	AUTO BATTERIES FOR STOCK	350.40	350.40
05/19/2016	89035	01954 ANDERSON'S UNIFORMS	J. BAGAKIS: UNIFORM ITEMS G.HOWARD UNIFORM PURCHASE UNIFORM ITEMS: D. HIGARGES S. QUINLAND: UNIFORM ITEMS	248.84 148.10 701.02 580.08	1,678.04
05/19/2016	89036	07361 ANIXTER INC	RETURN: UV PARTS FROM INV 890-247308, 89 FIBER CABLE AND PARTS - COMMERCE CIRCLE	-313.07 2,190.46	1,877.39
05/19/2016	89037	00058 ARROWHEAD MOUNTAIN SPRING	FOD: BOTTLED WATER MAR & APR '16	81.35	81.35
05/19/2016	89038	05097 BATTERIES PLUS	REPLT BATTERIES FOR UPS REPLT BATTERIES FOR FOD SERVER UPS	218.89 175.11	394.00
05/19/2016	89039	06176 BAY VALVE SERVICE & ENG'G LL	AUMA ACTUATOR FOR PS 20B DISCHARGE VALVE	6,229.73	6,229.73
05/19/2016	89040	07365 BILL'S ACE TRUCKBOX	SHELVING FOR UNIT #114	1,791.17	1,791.17
05/19/2016	89041	00091 BOLD, POLISNER, MADDOW, NEIL	MONTHLY LEGAL SERVICES - 04/2016	6,122.64	6,122.64
05/19/2016	89042	02217 BSK ASSOCIATES INC.	SAMPLE TESTING LAWWMA: SLSS WATER SAMPLING	160.00 90.00	250.00
05/19/2016	89043	01167 CITY OF DUBLIN	ENCROACHMENT PERMIT 4/19/16 @ 11739 JUAR	488.00	

## Check History Description Listing

Dublin San Ramon Services District

From: 5/9/2016

To: 6/12/2016

Bank code: apbank

Date	Check #	Vendor	Description	Amount Paid	Check Total
			ENCROACHMENT PERMIT FOR 4/18/16 @ 3945 A	488.00	976.00
05/19/2016	89044	04820 COASTAL IGNITION & CONTROL	CO-GEN PARTS: SPARK PLUGS	626.12	626.12
05/19/2016	89045	05196 COMCAST	BUSINESS TV BASIC 05/07/16-06/06/16	18.88	18.88
05/19/2016	89046	00014 COUNTY OF ALAMEDA	FY 2016 FUELING - FOD/INSP/CFRS - MAR. 2	3,499.55	3,499.55
05/19/2016	89047	01156 CWEA	CWEA SUPERVISORS SAFETY SEMINAR 2016	290.00	290.00
05/19/2016	89048	00229 DELL MARKETING LP	QTY (1) DELL LATITUDE E6440 LAPTOP FOR T	1,666.28	1,666.28
05/19/2016	89049	00237 DERWA	DERWA STATE LOAN PMT - DSRSD SHARE	842,996.80	
			DERWA APR 2016 - DSRSD SHARE	151,926.23	994,923.03
05/19/2016	89050	00241 DGS OFS SVC REVOLVING FUN	NATURAL GAS SERVICE AT THE WWTP - MARCH	8,632.57	8,632.57
05/19/2016	89051	07206 ENCOMPASS SUPPLY CO INC.	JANITORIAL SUPPLIES: PAPER PRODUCTS, CLE	1,385.13	1,385.13
05/19/2016	89052	00307 FAIRWAY EQUIPMENT & SUPPLY	LAWWMA: SPARE PUMP FOR STN 16+67 & STN 1	496.33	
			ALUM PIPES FOR CONTACT TANK RAILING REPA	144.63	640.96
05/19/2016	89053	00352 GOLDEN STATE FLOW MEASUR	12 METERS	2,393.61	2,393.61
05/19/2016	89054	07137 GOODYEAR COMMERCIAL TIRE	TIRE GY 215/55R16 FOR UNIT #114	98.18	98.18
05/19/2016	89055	00417 IDEXX DISTRIBUTION, INC	TESTING CHEMICALS AND SUPPLIES	2,332.86	2,332.86
05/19/2016	89056	07531 INLAND POTABLE SERVICES, INC	SERVCIES FOR POTABLE & RECYCLED WATER TA	84,241.50	84,241.50
05/19/2016	89057	00192 J & B CORROSION ENG ASSOC	I RES20A CATHODIC PROTECTION PANEL COMMISS	975.00	
			RES20A CATHODIC PROTECTION CONTROL CARD	739.13	1,714.13
05/19/2016	89058	06166 KBA	COPIER FOD/ENGR/MAINT 04/01/16 - 04/30/1	308.53	308.53
05/19/2016	89059	07264 MANPOWERGROUP US INC.	M. ZAKLAN: WE 04/24/16	409.64	409.64
05/19/2016	89060	05897 MERIT RESOURCE GROUP	A. MCCAFFERY: WE 04/24/16	1,001.30	1,001.30
05/19/2016	89061	04796 NAPA AUTO PARTS	AIR FILTERS & FLEET PARTS/SUPPLIES FOR S	275.30	
			GREASE FITTING EXTENSION TOOL	81.64	

## Check History Description Listing

Dublin San Ramon Services District

Page: 15

From: 5/9/2016

To: 6/12/2016

Bank code: apbank

Date	Check #	Vendor	Description	Amount Paid	Check Total
			AIR FILTER & HYDRAULIC FILTER FOR (FORKL	63.09	
			REPAIR PARTS FOR TOOLS	16.29	
			FILTERS FOR EQPT 513E DUETZ PUMP	14.09	450.41
05/19/2016	89062	06981 NEWMATIC ENGINEERING INC.	FUME HOOD REGULATORY TESTING	2,310.00	2,310.00
05/19/2016	89063	00620 P G & E	PUMP STATION R200B ELEC - MAY 2016	2,541.80	
			FSL AERATORS; LAB HVAC; FLEET - APRIL 20	2,209.19	
			PUMP STATION R300A ELEC - APRIL 2016	1,150.36	
			PUMP STATION 10A ELEC - APRIL 2016	915.27	
			PUMP STATION 2B ELEC - APRIL 2016	718.78	
			PUMP STATION 300A ELEC - APRIL 2016	537.28	
			DISTRICT OFFICE GAS SERVICE - APRIL 2016	478.89	
			DO UTILITY BUILDING GAS SVC - APRIL 2016	15.34	8,566.91
05/19/2016	89064	07551 PAIGE COMPANY CONTAINERS,	PAIGE - STORAGE BOXES FOR RECORDS CENTER	345.67	345.67
05/19/2016	89065	04211 PLATT ELECTRIC SUPPLY	FLUKE 810 VIBRATION ANALYZER	9,197.99	
			TOOLS FOR UNIT #115 & #116: DEWALT 20V C	1,749.59	
			PARTIAL: TOOLS FOR UNIT #115 & #116: COR	1,330.45	
			TOOLS FOR UNIT #115 & #116: BARE TOOL	348.21	
			KNEEGUARD FOR DHIGARES	57.49	12,683.73
05/19/2016	89066	00663 PLEASANTON GARBAGE SVC IN	TRANSPORT SOLIDS/GRIT SCREENINGS APR '16	4,103.77	4,103.77
05/19/2016	89067	04951 PLEASANTON TRUCKING	DELIVERED VULCAN MATL TO FOD-CAMP PARKS	173.78	173.78
05/19/2016	89068	00754 SCP SCIENCE	DIGITUBES, SCREW CAP, WATCH GLASS	439.64	439.64
05/19/2016	89069	02698 SHAMROCK OFFICE SOLUTIONS	OVERAGE USAGE COLOR COPIES 04/06 - 05/05	284.54	284.54
05/19/2016	89070	01096 SHAPE INC	DERWA: REPL PUMP FOR PS R1 WETWELL	7,128.45	
			DERWA: REPL PUMP FOR FILTER CHANNEL	5,655.68	12,784.13
05/19/2016	89071	06915 SHARPS SOLUTIONS, LLC	CLEAN WATER - PHARMACEUTICAL OFF-HAUL PI	235.10	235.10

## Check History Description Listing

Dublin San Ramon Services District

Page: 16

From: 5/9/2016

To: 6/12/2016

Bank code: apbank

Date	Check #	Vendor	Description	Amount Paid	Check Total
05/19/2016	89072	02654 STAINLESS DISTRIBUTORS	LAWWMA: (6QTY) NIPPLE FOR ARV REPAIR	22.61	22.61
05/19/2016	89073	00810 STUDIO BLUE REPROGRAPHICS	LAWWMA: MAP BOOKS (QTY 8)	152.25	152.25
05/19/2016	89074	07142 TERRY'S TREE SERVICE, INC.	09-6101 TREE REMOVAL AT RES 3A AT 11528	2,350.00	2,350.00
05/19/2016	89075	00848 THE LIGHTHOUSE	(2QTY) 56" LED LIGHTBAR & MOUNTING KIT;	3,316.10	3,316.10
05/19/2016	89076	01806 U.S. BANK	COPIER LEASE LAB/CUST SVC/ EXEC - MAY 20	548.59	548.59
05/19/2016	89077	00924 VERIZON WIRELESS	CELL PHN SVC AND EQUPTMNT CHARGES 04/04	4,104.18	4,104.18
05/19/2016	89078	00933 VWR INTERNATIONAL, INC.	CHEMICALS AND SUPPLIES	46.30	46.30
05/19/2016	89079	04061 WAXIE SANITARY SUPPLY	JANITORIAL SUPPLIES: FOAM HAND SOAP; ROL	1,203.21	1,203.21
05/19/2016	89080	00987 ZONE 7 WATER AGENCY	DOUGHERTY RESERVOIR O&M CHARGES 2/14/16	2,567.72	2,567.72
05/23/2016	52316	03718 HR SIMPLIFIED	IRS 125 POS	403.85	403.85
05/26/2016	89081	00710 AAI TERMITE & PEST CONTROL	LAWWMA: TERMITE & PEST CONTROL MAY '16	72.00	72.00
05/26/2016	89082	07499 MAYETTE BAILEY	BAILEY REIMB EXP AT 2016 EDEN CONFERENCE	828.92	828.92
05/26/2016	89083	01013 BARRETT BUSINESS SERVICES	S. GREER: WE 05/01/16	1,075.20	
			D. HESTER: WE 05/01/16	1,075.20	
			C. SIMMONS: WE 05/01/16	633.60	
			N. POON: WE 05/01/16	402.56	3,186.56
05/26/2016	89084	03614 CAROLLO ENGINEERS	16-R008 CAROLLO TO OC-21 THRU 03/31/16	12,050.85	
			DERWA TO NO. OC-17 SUPPLEMENTAL WATER SU	8,426.60	
			14-W007 TO NO. OC-18 WATER MASTER PLAN A	3,769.90	24,247.35
05/26/2016	89085	06022 EDWARD DUARTE	DIRECTOR DUARTE - APRIL EXPENSES - CSDA	24.84	24.84
05/26/2016	89086	03165 ESRI, INC.	ARCGIS DESKTOP BASIC CONCURRENT USE UPGR	10,427.25	10,427.25
05/26/2016	89087	04424 GRAYBAR ELECTRIC COMPANY	LAWWMA: TERMINATION KITS & CABLE FOR POR	1,874.60	
			SHOP RACKING MATL FOR BRACING	67.51	1,942.11

## Check History Description Listing

Dublin San Ramon Services District

Page: 17

From: 5/9/2016

To: 6/12/2016

Bank code: apbank

Date	Check #	Vendor	Description	Amount Paid	Check Total
05/26/2016	89088	00439 IUOE LOCAL 39	LOCAL 39 UNION DUES: PAYMENT	4,716.25	4,716.25
05/26/2016	89089	00473 KEMIRA WATER SOLUTIONS INC	DERWA OPS PAX-XL8 DELIVERY ON 05/06/16	11,215.12	11,215.12
05/26/2016	89090	03543 LINO LANTIN	LANTIN REIMB EXP FOR 2016 CWEA MEMBERSHI	86.00	86.00
05/26/2016	89091	01171 MCGUIRE & HESTER	UB Refund Cst #00067145	1,000.00	1,000.00
05/26/2016	89092	07109 DANIEL MCINTYRE	MCINTYRE REIMB EXP AT 2016 ACWA SPRING C	994.29	994.29
05/26/2016	89093	04553 PACHECO BROTHERS GARDENI	DISTRICT FACILITIES LANDSCAPE MTCE MAY '16	3,470.00	
			WEEKLY LANDSCAPE MTCE AT 7035 COMMERCE M	390.00	
			DERWA LANDSCAPE MTCE PS R200A MAY '16	75.00	3,935.00
05/26/2016	89094	01293 PK SAFETY SUPPLY	PPE - GLOVES	344.27	
			WWTP VISITOR PPE	185.05	529.32
05/26/2016	89095	04541 PLATINUM PIPELINE, INC.	REFUND METER #64097139	3,603.92	3,603.92
05/26/2016	89096	00685 R.S. HUGHES CO., INC.	PPE - FACESHIELD, HIGH VIS CLOTHING, ETC	122.94	122.94
05/26/2016	89097	04973 NATERCIA SAUCEDA	CASE ID FL364781: PAYMENT	111.23	111.23
05/26/2016	89098	00805 SUE STEPHENSON	STEPHENSON REIMB EXP AT 2016 ACWA SPRING	19.72	19.72
05/26/2016	89099	00843 THE COVELLO GROUP INC	T.O. NO. 1 - FIELD OBSERVATION SUPPORT S	21,280.00	
			16-R008 COVELLO TO NO. 4 CM SERVICES THR	11,195.00	32,475.00
05/26/2016	89100	05026 UNIVAR USA INC.	12.5% SODIUM HYPOCHLORITE WWTP 05/06/16	2,181.65	2,181.65
05/26/2016	89101	05127 VISION SERVICE PLAN - CA (VSF)	JUNE 2016 - VISION	2,578.84	2,578.84
05/26/2016	89102	06643 WEIR TECHNICAL SERVICES	MANAGEMENT SERVICES - APRIL 2016	8,549.37	8,549.37
05/26/2016	89103	01719 A & M PRINTING, INC.	BUSINESS CARDS - DAN LOPEZ	49.27	49.27
05/26/2016	89104	00019 A-1 ENTERPRISES	LAWWMA: WEEKLY STREET SWEEPING APR '16	275.00	
			WWTP RESIDENTIAL RW FILL STATION: PORTAP	236.46	
			WWTP: BI-MONTHLY STREET SWEEPING APR '16	170.00	681.46

## Check History Description Listing

Dublin San Ramon Services District

From: 5/9/2016

To: 6/12/2016

Bank code: apbank

Date	Check #	Vendor	Description	Amount Paid	Check Total
05/26/2016	89105	06091 TRAINING CENTER ALAMEDA CC	ALCO COACHING FOR MANAGERS COURSE	175.00	
			ALCO COACHING COURSE	100.00	275.00
05/26/2016	89106	06552 BILLING SOLUTIONS INC. AMERI	AMCOBI - AQUAHAWK MONTHLY	1,833.00	1,833.00
05/26/2016	89107	01954 ANDERSON'S UNIFORMS	HIGH VISIBILITY SHIRTS - HIGARES & SMITH	523.07	
			B. SMITH: UNIFORM ITEMS	131.13	654.20
05/26/2016	89108	00622 AT&T	C3 - TELE SVCS & USAGE THRU 05/12/16	1,855.67	
			C3 - CC DO T1 X 2 THRU 05/12/16	331.90	
			C3 - T1 WWTP TO PS300 DV THRU 05/12/16	238.19	
			C3 - T1 SCADA FOD TO DO THRU 05/12/16	173.52	
			C3 - T1 BUS FOD TO DO THRU 05/12/16	173.52	2,772.80
05/26/2016	89109	00622 AT&T	LAWWMA PS PHONE & DSL MAY '16	296.29	296.29
05/26/2016	89110	03813 AT&T CONFERENCING	CONF CALL 04/15/16 RWTF	74.49	74.49
05/26/2016	89111	01676 BANK OF AMERICA	BANK CHARGES - APRIL 2016	2,759.59	2,759.59
05/26/2016	89112	07590 BIG BOARDS!	ADVERTISING: ANNUAL FEE FOR WELCOME BOX	600.00	600.00
05/26/2016	89113	07610 DEBORAH BRODERICK	REFUND 4018 CHANTERELLE PL	63.50	63.50
05/26/2016	89114	02217 BSK ASSOCIATES INC.	DLD HARVEST CROP TESTING - BLUE BALE GOL	412.50	
			SAMPLE TESTING	250.00	662.50
05/26/2016	89115	04033 CABLEORGANIZER.COM, INC-US	16-A005 CORNING LANSCAPE FIBER OPTIC UNI	1,920.75	1,920.75
05/26/2016	89116	07138 CALIFORNIA WATER TECHNOLO	FERROUS CHLORIDE DELIVERY 05/01/16	4,322.22	4,322.22
05/26/2016	89117	01085 CALPERS LONG-TERM CARE PR	LONG-TERM CARE: PAYMENT	68.12	68.12
05/26/2016	89118	00105 CAL-STEAM	DERWA: REPLT PARTS FOR M/F EYEWASH	70.59	70.59
05/26/2016	89119	01167 CITY OF DUBLIN	ROADWAY STRIPPING OF DO PARKING LOT & WW	5,265.00	5,265.00
05/26/2016	89120	07604 COMPLETE BUS. INTERMEDIARI	REFUND 5266 CAMPUS DR	104.19	104.19
05/26/2016	89121	07605 COMPLETE BUS. INTERMEDIARI	REFUND 4762 TRAVERTINO ST	188.54	188.54

## Check History Description Listing

Dublin San Ramon Services District

Page: 19

From: 5/9/2016

To: 6/12/2016

Bank code: apbank

Date	Check #	Vendor	Description	Amount Paid	Check Total
05/26/2016	89122	05780 CONTRACTOR COMPLIANCE INC	15-R009 LABOR COMPLIANCE WEST DUBLIN THR	118.75	118.75
05/26/2016	89123	01633 CPS HUMAN RESOURCE SVCS	CUSTOMER FIELD REPRESENTATIVE TEST MATER	1,886.50	1,886.50
05/26/2016	89124	01156 CWEA	ANN CIGLIUTI: CWEA MEMBERSHIP & EC GRADE	331.00	
			MOHAN: FY17 MEMBERSHIP, EC GRADE 2 & LAB	331.00	662.00
05/26/2016	89125	01089 CWEA - NRTC	KHAW - CWEA ENVIRONMENTAL COMPLIANCE INS	81.00	81.00
05/26/2016	89126	01264 DE SILVA GATES	REFUND METER #63983848	852.61	852.61
05/26/2016	89127	07609 WALTER DIAS	REFUND 4551 MANGROVE DR	90.60	90.60
05/26/2016	89128	00277 EBMUD	LAWWMA LEWELLING WTR & SWR APR '16	136.76	136.76
05/26/2016	89129	00307 FAIRWAY EQUIPMENT & SUPPLY	AIR PURGES FOR HEAT LOOP SYS BLDG A AND	752.18	752.18
05/26/2016	89130	00314 FEDEX	WWTP: OVERNIGHT DELIVERY CHARGES MAY '16	95.80	
			WWTP: OVERNIGHT DELIVERY CHARGES MAY '16	19.25	115.05
05/26/2016	89131	06865 FUTURE FORD OF CONCORD	ROTOR ASY & BRAKE KIT FOR UNIT #19	216.73	216.73
05/26/2016	89132	00352 GOLDEN STATE FLOW MEASUR	48 1" SENSUS METERS	9,506.53	
			METER PARTS	320.97	9,827.50
05/26/2016	89133	06787 HENSEL PHELPS	REFUND METER #63983857	1,373.65	1,373.65
05/26/2016	89134	06732 HIRERIGHT, INC.	EMPLOYMENT BACKGROUND SCREENING (ADMIN A	304.02	304.02
05/26/2016	89135	07481 J.N. ABBOTT DISTRIBUTOR, INC.	(400GAL) BLUE FLAME HB5 40 OIL FOR CO-GE	4,270.50	4,270.50
05/26/2016	89136	00464 JWC ENVIRONMENTAL	REPLT PARTS FOR WASHER COMPACTOR #2 DRIV	2,740.72	2,740.72
05/26/2016	89137	00468 KAMAN INDUSTRIAL TECHNOLO	(10QTY) V-BELTS	390.15	390.15
05/26/2016	89138	04873 KIMBALL MIDWEST	RAZOR SCRAPPERS	18.03	18.03
05/26/2016	89139	07193 LAI & ASSOCIATES	FIELD DENSITY TESTING 3945 ALSTEAD CT.,	811.90	
			FIELD DENSITY TESTING: 11739 JUAREZ LN 4	687.72	
			FIELD DENSITY TESTING 11322 MARWICK DR.	675.93	

## Check History Description Listing

Dublin San Ramon Services District

Page: 20

From: 5/9/2016

To: 6/12/2016

Bank code: apbank

Date	Check #	Vendor	Description	Amount Paid	Check Total
			FIELD DENSITY TESTING 7588 HILLROSE DR.,	581.54	2,757.09
05/26/2016	89140	07607 JINYUAN LI	REFUND 4550 LA VINA ST	180.63	180.63
05/26/2016	89141	00509 LIEBERT CASSIDY WHITMORE	EMPLOYMENT RELATED LEGAL SERVICES (4/16)	2,158.50	2,158.50
05/26/2016	89142	07606 LIJUAN LIU	REFUND 2198 PANORAMA CT	260.05	260.05
05/26/2016	89143	03127 LUHDORFF & SCALMANINI	ANNUAL MONITORING REPORT: PROFESSIONAL S	230.00	230.00
05/26/2016	89144	07264 MANPOWERGROUP US INC.	M. ZAKLAN: WE 05/01/16	409.64	409.64
05/26/2016	89145	05897 MERIT RESOURCE GROUP	A. MCCAFFERY: WE 05/01/16	1,292.00	1,292.00
05/26/2016	89146	04231 MSC INDUSTRIAL SUPPLY CO	REPLT PRESSURE WASHER FOR SHOP	4,317.36	
			HIGH VISIBILITY TRAFFIC VESTS	94.61	
			HIGH VISIBILITY TRAFFIC VESTS	69.97	4,481.94
05/26/2016	89147	04796 NAPA AUTO PARTS	ANTIFREEZE & BRAKE FLUID FOR STOCK	77.04	
			HEAD LAMP BULB FOR UNIT #108	24.09	
			DOOR PANEL RETAINERS FOR UNIT #2	14.98	
			LICENSE PLATE HOLDER FOR UNIT #63	13.56	
			LIGHT SWITCH FOR UNIT #302	12.61	
			WRENCH RACK	8.80	151.08
05/26/2016	89148	07461 OFFICE RELIEF	ERGO CHAIR - C. HERRERA	492.87	
			ERGONOMIC EQUIPMENT - D. MCINTYRE	192.51	
			ERGONOMIC EQUIPMENT - D. MCINTYRE	136.66	822.04
05/26/2016	89149	07603 TOSHIHIRO OSHIRO	REFUND 8349 CREEKSIDE DR	81.00	81.00
05/26/2016	89150	00620 P G & E	LAWWMA PS FEEDER A MAR '16	80,125.24	
			MISC PUMP STNS; DUBLIN LIFT STN - APRIL	13,382.76	
			PUMP STATION 20B ELEC - APRIL 2016	7,203.71	
			LAWWMA PS FEEDER B MAY '16	2,408.76	
			PUMP STATION R20 ELEC - MAY 2016	2,291.36	

## Check History Description Listing

Dublin San Ramon Services District

From: 5/9/2016

To: 6/12/2016

Bank code: apbank

Date	Check #	Vendor	Description	Amount Paid	Check Total
			TO NO. 4; RES 3B W/PS 4B ELEC - MAY 2016	1,002.89	
			PUMP STATION R300B ELEC - APRIL 2016	532.40	
			LAWWMA PIPELINE & LIVERMORE LINE MAY '16	347.40	
			RESERVOIR 10B ELECTRICITY - MAY 2016	55.02	
			LAWWMA PIPELINE & LIVERMORE LINE APR '16	11.20	
			ALTITUDE VALVE (RES 10B) ELEC - MAY 2016	9.86	107,370.60
05/26/2016	89151	02466 RICOH AMERICAS CORP	COPIER LEASES MAIL RMS, HR/FIN - JUNE 20	699.28	
			COPIER LEASES MAIL RMS, WWTP JUNE 2016	416.24	
			COPIER LEASES MAIL RMS, HR/FIN JUNE 2016	389.24	1,504.76
05/26/2016	89152	07608 DAVID ROOF JR	REFUND 5152 MONTIANO LN	213.05	213.05
05/26/2016	89153	07455 SAFETY CENTER INCORPORATE	EXCAVATION COMPETENT PERSON TRAINING	1,575.00	1,575.00
05/26/2016	89154	07612 SHINJI SAKAMOTO	REFUND 4420 CENTRAL PKY	188.65	188.65
05/26/2016	89155	05449 SAMBA HOLDINGS, INC.	MONTHLY DMV REPORTING - 4/16	171.72	171.72
05/26/2016	89156	07431 SANCO PIPELINE INC	REFUND METER #65615504	149.97	149.97
05/26/2016	89157	00774 SIEMENS INDUSTRY, INC	REPLT TEMP SENSOR FOR BLDG T; REPLT PRES	438.58	438.58
05/26/2016	89158	07611 DONG SUN	REFUND 4285 CREEKVIEW DR	201.68	201.68
05/26/2016	89159	05690 TRACKER	06/2016-06/2017 PORTFOLIO SOFTWARE	2,820.00	2,820.00
05/26/2016	89160	01470 TRI-VALLEY HOSE	REPLT FUEL HOSE FOR UNIT #80	53.11	53.11
05/26/2016	89161	04464 UNISON SOLUTIONS	TESTING OF SILOXANES: GAS TEXT SAMPLE #1	525.00	525.00
05/26/2016	89162	00556 UNITED WAY OF THE BAY AREA	UNITED WAY: PAYMENT	280.93	280.93
05/26/2016	89163	07140 USA FLEET SOLUTIONS	MAY 2016: GPS MONTHLY TRACKING FEE	1,667.90	1,667.90
05/26/2016	89164	00912 VALLEY CARE HEALTH SYSTEM	DOT MEDICAL EXAM - J. BAGAKIS	85.00	
			DOT MEDICAL EXAM - R. FREITAS	85.00	170.00
05/26/2016	89165	06004 VANGUARD CLEANING SYSTEM	MAY 2016: CUSTODIAL SERVICES AT THE DO A	1,675.00	1,675.00

## Check History Description Listing

Dublin San Ramon Services District

Page: 22

From: 5/9/2016

To: 6/12/2016

Bank code: apbank

Date	Check #	Vendor	Description	Amount Paid	Check Total
05/26/2016	89166	00920 VASCO ROAD LANDFILL	UNLOADING OF WWTP SOLIDS/GRIT MAY '16	901.72	901.72
05/26/2016	89167	00987 ZONE 7 WATER AGENCY	TREATED WATER SERVICE FOR APRIL	776,014.79	776,014.79
05/27/2016	8016	05511 CALIFORNIA STATE	CHILD SUPPORT GARNISHMENT: PAYMENT	86.31	86.31
05/27/2016	607052716	01098 NATIONWIDE RETIREMENT SOLI	NATIONAL DEFERRED COMPENSATION: PAYMENT	44,964.69	44,964.69
05/27/2016	1000703777	00494 PERS	RETIREMENT: PAYMENT	88,339.17	88,339.17
05/31/2016	53116	06456 CIGNA GROUP INSURANCE	5/16 - EE LIFE & DISABILITY INSURANCE PR	9,736.63	9,736.63
05/31/2016	5312016	03718 HR SIMPLIFIED	IRS 125 POS/DCA/FSA	2,041.60	2,041.60
05/31/2016	15969866	00591 NEOPOST USA INC.	POSTAGE ADVANCE 05/31/16	1,000.00	1,000.00
05/31/2016	20767025	00558 IRS - PAYROLL TAXES	FEDERAL WITHHOLDING TAXES: PAYMENT	142,859.20	142,859.20
05/31/2016	950995056	00559 EDD - PAYROLL	CALIFORNIA STATE TAXES: PAYMENT	26,183.71	26,183.71
06/01/2016	208060116	01098 NATIONWIDE RETIREMENT SOLI	NATIONAL DEFERRED COMPENSATION: PAYMENT	40.00	40.00
06/02/2016	89168	03460 ACCO ENGINEERED SYSTEMS II	CO-GEN: CRANK CASE HEATER ON COMPRESSOR	582.00	582.00
06/02/2016	89169	00031 ALLIED FLUID PRODUCTS CORP	DERWA: MECHANICAL SEAL REPAIR FOR PS R1	1,110.99	1,110.99
06/02/2016	89170	01013 BARRETT BUSINESS SERVICES	D. HESTER: WE 05/08/16	1,075.20	
			S. GREER: WE 05/08/16	1,011.20	
			C. SIMMONS: WE 05/08/16	605.44	
			N. POON: WE 05/08/16	413.44	3,105.28
06/02/2016	89171	01013 BARRETT BUSINESS SERVICES	P. BRICK JR.: W/E 5/1/16	230.40	
			K. KOLODZIE: W/E 5/8/16	192.00	
			P. BRICK JR.: W/E 5-8-16	153.60	
			C. HIVES: W/E 5/1/16	143.36	
			W. RHODES: W/E 5/1/16	92.16	
			K. CORRIGAN: W/E 5/8/16	61.44	
			C. HIVES: W/E 5/8/16	53.76	

## Check History Description Listing

Dublin San Ramon Services District

Page: 23

From: 5/9/2016

To: 6/12/2016

Bank code: apbank

Date	Check #	Vendor	Description	Amount Paid	Check Total
			K. KOLODZIE: W/E 5/1/16	46.08	
			C. SCOTT: W/E 5/1/16	38.40	
			C. SCOTT: W/E 5/8/16	30.72	
			W. RHODES: W/E 5/8/16	23.04	1,064.96
06/02/2016	89172	03614 CAROLLO ENGINEERS	16-R014 TO NO. OC-19 THRU 03/31/16	128,627.93	
			16-R008 CAROLLO TO OC-21 THRU 04/30/16	9,220.53	
			DERWA TO OC-15 BIOASSAY TESTING THRU 04/	5,234.85	143,083.31
06/02/2016	89173	00319 FISHER SCIENTIFIC	CALCIUM STD 10000 MG/L	93.75	93.75
06/02/2016	89174	07205 GLENMOUNT GLOBAL SOLUTION	09-6101 PP#8 04/01/16-04/30/16	216,230.65	216,230.65
06/02/2016	89175	04424 GRAYBAR ELECTRIC COMPANY	ELE WIRE FOR STOCK	520.80	520.80
06/02/2016	89176	01242 INFO SEND, INC	UB BILLING PRINTING/MAILING SVCS MAY 201	2,157.66	2,157.66
06/02/2016	89177	02076 NORTHERN TOOL & EQUIPMENT	FUEL METER FOR 750 GENERATOR	255.72	255.72
06/02/2016	89178	01078 STEFANIE OLSON	OLSON REIMB EXP FOR DROUGHT 2017	45.96	45.96
06/02/2016	89179	04553 PACHECO BROTHERS GARDEN	ANNUAL WEED ABATEMENT AT 13 WATER STN FA	5,000.00	
			DERWA ANNUAL WEED ABATEMENT RES 200A & P	1,800.00	6,800.00
06/02/2016	89180	00762 TESTAMERICA LABORATORIES I	SAMPLE TESTING	78.00	78.00
06/02/2016	89181	01516 BOB TREPPA	TREPPA REIMB EXP FOR CORNERSTONE CONF. 0	160.00	160.00
06/02/2016	89182	05026 UNIVAR USA INC.	WWTP SODIUM HYPOCHLORITE DELIVERY 05/09/	2,076.31	2,076.31
06/02/2016	89183	00972 DARIN WINTON	WINTON REIMB EXP AT NETWORK BENCH TESTIN	42.12	42.12
06/02/2016	89184	03622 JUDY ZAVADIL	ZAVADIL REIMB PE LICENSE RENEWAL	115.00	115.00
06/02/2016	89185	01738 3T EQUIPMENT COMPANY INC.	CAMERA PARTS	325.52	325.52
06/02/2016	89186	01719 A & M PRINTING, INC.	BUSINESS CARDS - SAMANTHA HALVERSON	49.27	49.27
06/02/2016	89187	01180 ADS REPROGRAPHICS, INC.	MAGENTA YELLOW PRINthead AND BOND PAPER	249.80	
			PHOTO BLACK AND MAGENTA INK CARTRIDGES	196.29	446.09

Bank code: apbank

Date	Check #	Vendor	Description	Amount Paid	Check Total
06/02/2016	89188	06349 ARCSINE ENGINEERING	09-6101 TO NO. 2 THRU 04-30-16	50,530.72	50,530.72
06/02/2016	89189	00058 ARROWHEAD MOUNTAIN SPRING	OPS DEPT/LAWWMA/FOD BOTTLED WATER SERVICE	324.19	
			OPS DEPT/LAWWMA/FOD BOTTLED WATER SERVICE	8.75	332.94
06/02/2016	89190	05098 BIOVIR LABORATORIES, INC.	CLASS A BIOSOLIDS TESTING FSL4 2016	1,240.00	1,240.00
06/02/2016	89191	02865 BRENNETAG PACIFIC INC	HYDROFLUOSILICIC ACID 1949.9804G	6,103.44	
			HYDROFLUOSILICIC ACID 1718.1248G	5,377.73	11,481.17
06/02/2016	89192	00096 BROWN & CALDWELL	14-S013 TO NO. 1 ENG SVCS DESIGN, BID PE	4,583.11	4,583.11
06/02/2016	89193	01289 BURLINGAME ENGINEERS INC	LAWWMA: REPLT CONTROL PANEL FOR SLSS MET	5,475.00	5,475.00
06/02/2016	89194	02026 C.H.BULL CO.	FLOODSAX SANDLESS SANDBOX	288.94	288.94
06/02/2016	89195	07456 CALIFORNIA BOILER	16-P028: (2QTY) ALSTROM ALL 316LSS U-TUB	28,679.00	28,679.00
06/02/2016	89196	00116 CALIFORNIA URBAN WATER COL	2016 DUES INVOICE CALIFORNIA URBAN WATER	3,187.05	3,187.05
06/02/2016	89197	00157 CITY OF PLEASANTON	WWTP: POTABLE WATER MAY '16	222.14	
			DERWA: POTABLE WATER MAY '16	151.61	
			LAWWMA: POTABLE WATER MAY '16	132.52	
			FOD: POTABLE WATER - IRRIGATION MAY '16	114.53	620.80
06/02/2016	89198	02639 CITY OF SAN RAMON	16-A032 ENROACHMENT PERMITS 2016	360.00	360.00
06/02/2016	89199	01973 CROMER EQUIPMENT	TUNE UP KIT FOR FORKLIFT	64.59	64.59
06/02/2016	89200	00212 CUMMINS PACIFIC LLC.	FILTERS FOR UNIT #109	168.47	168.47
06/02/2016	89201	00229 DELL MARKETING LP	QTY (5) DELL OPTIPLEX 9020 MINI TOWER PC	6,306.80	6,306.80
06/02/2016	89202	00252 DONALD R. WHITE, TAX COLLEC	2015-2016 PROP TAX 941-1311-16 (INCLUDES	14,856.07	14,856.07
06/02/2016	89203	00297 ENVIRONMENTAL EXPRESS LTD	CHEMICALS AND SUPPLIES	486.05	486.05
06/02/2016	89204	02656 FASTENAL COMPANY	DERWA: SCREWS FOR UV BIRD NETTING	5.51	5.51
06/02/2016	89205	00314 FEDEX	SHIPPING CHARGES 03/31/2016, 05/17/2016	109.89	109.89

## Check History Description Listing

Dublin San Ramon Services District

Page: 25

From: 5/9/2016

To: 6/12/2016

Bank code: apbank

Date	Check #	Vendor	Description	Amount Paid	Check Total
06/02/2016	89206	00699 FLYERS ENERGY, LLC	MOBIL FLUID 424 HYDRAULIC OIL FOR SHOP S 05/12/16: (500G) REG 87 UNLEADED GASOLIN	1,560.21 1,264.30	2,824.51
06/02/2016	89207	06865 FUTURE FORD OF CONCORD	RETURN: ROTOR ASSY FOR UNIT #18 (ORIG IN BRAKE KIT, ROTOR ASY & SEAL FOR UNIT #18	-158.22 239.85	81.63
06/02/2016	89208	00368 HACH COMPANY	FOD SUPPLIES	3,293.51	3,293.51
06/02/2016	89209	03149 HDS WHITE CAP CONST SUPPLY	MISC SUPPLIES	146.86	146.86
06/02/2016	89210	05474 HEATHORN MECH'L SERVICES, I	COMPUTER RM 2-TON DUCTLESS SPLIT HVAC RE	8,275.69	8,275.69
06/02/2016	89211	03142 HI-LINE	AUTO SUPPLIES FOR FLEET SHOP	188.73	188.73
06/02/2016	89212	07017 HYDROSCIENCE ENGINEERS, IN	15-R009 TO NO. 1 DESIGN AND CROSS CONNEC	15,056.08	15,056.08
06/02/2016	89213	07523 ID ARCHITECTURE	16-A005 TO NO. 1 ARCHITECTURAL DESIGN SE	18,597.50	18,597.50
06/02/2016	89214	06074 INSIGHT PUBLIC SECTOR	VEEAM BACKUP SOFTWARE 1YR MAINT COVERAGE	3,497.52	3,497.52
06/02/2016	89215	04873 KIMBALL MIDWEST	CRIMPER SET FOR BJOHNSON	97.46	97.46
06/02/2016	89216	00509 LIEBERT CASSIDY WHITMORE	EMPLOYMENT RELATED LEGAL SERVICES (4/16) GENERAL LEGAL SERVICES (4/16) EMPLOYMENT RELATED LEGAL SERVICES (4/16)	2,152.50 1,855.50 106.00	4,114.00
06/02/2016	89217	06567 M.S.ELECTRICAL	WIRING AND FIBER SERVICES - COMMERCE CIR	410.00	410.00
06/02/2016	89218	07264 MANPOWERGROUP US INC.	M. ZAKLAN: WE 05/08/16	409.64	409.64
06/02/2016	89219	00536 MC MASTER-CARR SUPPLY CO.	METAL DETECTOR FOR LOCATING UTILITIES LO FUEL SKID: SS THREADED PIPE FITTING & PI	890.04 123.87	1,013.91
06/02/2016	89220	05897 MERIT RESOURCE GROUP	A. MCCAFFERY: WE 05/08/16	1,227.40	1,227.40
06/02/2016	89221	00550 MINUTE MUFFLER SERVICE	LABOR TO INSTALL MUFFLER FOR UNIT #14	150.00	150.00
06/02/2016	89222	04231 MSC INDUSTRIAL SUPPLY CO	HIGH VISIBILITY TRAFFIC VESTS	69.97	69.97
06/02/2016	89223	04796 NAPA AUTO PARTS	A/C RECHARGER MACHINE FOR FLEET	4,373.43	

## Check History Description Listing

Dublin San Ramon Services District

From: 5/9/2016

To: 6/12/2016

Bank code: apbank

Date	Check #	Vendor	Description	Amount Paid	Check Total
			OIL FILTERS FOR STOCK	102.49	
			BRACKETS FOR UNIT #63	37.16	
			FILTERS FOR STOCK	28.19	
			OIL FILTER FOR UNIT #113	14.19	
			LIGHT SWITCHES FOR UNIT #114	12.63	
			LIGHT SWITCH FOR GOLF CART #309	4.39	4,572.48
06/02/2016	89224	00595 NEWARK ELECTRONICS	SPARE ANALOG INPUT CARDS FOR RTU	765.37	
			SPARE BATTERIES FOR RTU	294.34	1,059.71
06/02/2016	89225	05779 OVIVO USA, LLC	14-S013 FINAL PAYMENT	14,528.00	14,528.00
06/02/2016	89226	00620 P G & E	PUMP STATION 300B ELEC - MAY '16	6,797.97	
			PUMP STATION R200A ELEC - MAY '16	4,882.81	
			PUMP STATION 30A ELEC - MAY '16	2,285.97	
			PUMP STATION 300C ELEC - MAY '16	2,228.47	
			RESERVOIR 20A ELECTRICITY - MAY '16	103.02	
			RESERVOIR R200 DERWA TANK 2 ELEC - MAY '	43.35	
			LAWWMA PIPELINE & LIVERMORE LINE MAY '16	11.55	16,353.14
06/02/2016	89227	04211 PLATT ELECTRIC SUPPLY	TOOLS FOR UNIT #115 & #116: CUT-OFF BAR	130.31	130.31
06/02/2016	89228	04211 PLATT ELECTRIC SUPPLY	RECEPTACLE & CORD CONNECTOR FOR CO-GEN #	31.49	31.49
06/02/2016	89229	05543 ADMINISTRATORS (PBIA) PREFE	JUNE 2016 - DENTAL	21,323.80	21,323.80
06/02/2016	89230	04251 R.L. RIGHETTI ENTERPRISES INC	DREDGE: COOLANT	163.83	163.83
06/02/2016	89231	06444 RICHERT LUMBER	LUMBER MATLS FOR ELE SHOP RACKING	906.21	906.21
06/02/2016	89232	02939 ROYAL WHOLESALE ELECTRIC	DERWA: REPLT ALLEN BRADLEY FLEX LOGIX MO	3,390.07	3,390.07
06/02/2016	89233	02125 SEEVER & SONS TIRE	SPARE TIRES FOR FOD TRAILERS	342.50	342.50
06/02/2016	89234	00786 SNAP-ON INDUSTRIAL	18V BATTERIES FOR FLEET IMPACT GUNS	621.20	621.20
06/02/2016	89235	02654 STAINLESS DISTRIBUTORS	PIPE & REDUCER FOR INFLUENT SAMPLER	97.39	97.39

## Check History Description Listing

Dublin San Ramon Services District

From: 5/9/2016

To: 6/12/2016

Bank code: apbank

Date	Check #	Vendor	Description	Amount Paid	Check Total
06/02/2016	89236	00848 THE LIGHTHOUSE	LED LIGHTBAR FOR UNIT 65 REPLT	1,377.66	1,377.66
06/02/2016	89237	00862 TIFCO INDUSTRIES	GEN SUPPLIES FOR WWTP	578.05	578.05
06/02/2016	89238	06129 DIRECTORATE RESOURCE MGM	APR-JUN 16 EMERGENCY SVCS (FOD)	1,613.50	1,613.50
06/02/2016	89239	00903 UNITED RENTALS, INC.	FOD PROPANE & HARD HAT	545.04	545.04
06/02/2016	89240	00912 VALLEY CARE HEALTH SYSTEM	PRE-EMPLOYMENT PHYSICAL/DRUG SCREEN	454.00	454.00
06/02/2016	89241	00933 VWR INTERNATIONAL, INC.	BUFFER 10	-63.51	
			2100Q CAL KIT	168.35	
			SUPPORT BASE	150.12	254.96
06/02/2016	89242	00957 WEST YOST & ASSOCIATES	TO 5: 2015 UWMP THRU 05/06/16	10,475.50	10,475.50
06/02/2016	89243	00966 WHITLEY BURCHETT & ASSOCIA	16-R014 TASK ORDER NO. 1 - FUNDING ASSIS	4,979.50	
			13-S004 TO 1 DESIGN/BID/BUILD 14 VFDS TH	1,303.27	
			LAWWMA: ENGINEERING SRVCS EXPORT PS DESI	1,080.00	7,362.77
06/02/2016	89244	02780 WORKSMART AUTOMATION INC.	DERWA: SCADA REPORT SUPPORT - CONVERT RE	995.00	995.00
06/02/2016	84586053	00558 IRS - PAYROLL TAXES	FEDERAL WITHHOLDING TAXES: PAYMENT	507.93	507.93
06/02/2016	963967056	00559 EDD - PAYROLL	CALIFORNIA STATE TAXES: PAYMENT	40.00	40.00
06/07/2016	6072016	03718 HR SIMPLIFIED	IRS125 2016 POS	146.32	146.32
06/09/2016	89245	00710 AAI TERMITE & PEST CONTROL I	MAY 2016: MONTHLY DO PEST CONTROL	145.00	145.00
06/09/2016	89246	03460 ACCO ENGINEERED SYSTEMS II	MAY 2016: HVAC QUARTERLY MAINTENANCE - D	376.00	
			MAY 2016: HVAC QUARTERLY MAINTENANCE - W	376.00	
			MAY 2016: HVAC QUARTERLY MAINTENANCE - D	248.00	1,000.00
06/09/2016	89247	01013 BARRETT BUSINESS SERVICES	S. GREER: WE 05/15/16	1,075.20	
			D. HESTER: WE 05/15/16	1,075.20	
			C. SIMMONS: WE 05/15/16	563.20	
			N. POON: WE 05/15/16	413.44	

## Check History Description Listing

Dublin San Ramon Services District

From: 5/9/2016

To: 6/12/2016

Bank code: apbank

Date	Check #	Vendor	Description	Amount Paid	Check Total
			K. KOLODZIE: W/E 5/15/16	215.04	
			JENNE, S: W/E 5/15/16	92.16	3,434.24
06/09/2016	89248	05359 BURKE, WILLIAMS & SORENSEN	GENERAL COUNSEL SVCS - APRIL 2016	15,925.00	15,925.00
06/09/2016	89249	03614 CAROLLO ENGINEERS	16-R014 TO NO. OC-19 THRU 04/30/16	173,718.33	173,718.33
06/09/2016	89250	01381 JOYCE CHANG	CHANG REIMB EXP FOR LOBBY UPGRADES	6.74	6.74
06/09/2016	89251	00216 DAIOHS U.S.A. INC.	FY2016 HOT BEVERAGE SERVICE DO - JUNE 20	171.18	171.18
06/09/2016	89252	04424 GRAYBAR ELECTRIC COMPANY	MATLS FOR ELE SHOP RACKING PROJECT (2QTY) OUTDOOR OUTLET FOR STOCK	291.45 164.82	456.27
06/09/2016	89253	00386 HDR ENGINEERING INC.	15-R009 TO NO. 9 CONSTRUCTION MGMT SERVI	14,097.99	14,097.99
06/09/2016	89254	01171 MCGUIRE & HESTER	15-R009 CONSTRUCTION FINAL BILL	23,125.99	23,125.99
06/09/2016	89255	00608 OFFICE TEAM	TEMP SVCS W/E 05/27/16 - MONTAGUE	347.40	347.40
06/09/2016	89256	01078 STEFANIE OLSON	OLSON REIMB DROUGHT EXP	27.22	27.22
06/09/2016	89257	04553 PACHECO BROTHERS GARDENI	CYPRESS TREE REMOVAL AT RESERVOIR 1A DO FACILITIES LANDSCAPE WORK ORDER DO FACILITIES LANDSCAPE WORK ORDER	2,595.00 325.50 105.00	3,025.50
06/09/2016	89258	01403 PRAXAIR DISTRIBUTION INC	186 LIQUID ARGON LIQUID ARGON CYLINDER RENTAL CYLINDER RENTAL	-592.10 592.10 66.08 66.08	132.16
06/09/2016	89259	04973 NATERCIA SAUCEDA	CASE ID FL364781: PAYMENT	111.23	111.23
06/09/2016	89260	07392 SINZEE TRAN	TRAN CERTIFICATE REIMB FOR WWTP OPERATOR	300.00	300.00
06/09/2016	89261	05026 UNIVAR USA INC.	WWTP SODIUM HYPOCHLORITE DELIVERY 05/17/ DERWA SODIUM HYPOCHLORITE DELIVERY 05/19	2,071.47 2,012.50	4,083.97
06/09/2016	89262	04694 VULCAN MATERIALS CO	ROCK MATERIAL FOR MISC REPAIRS	692.59	692.59

## Check History Description Listing

Dublin San Ramon Services District

From: 5/9/2016

To: 6/12/2016

Bank code: apbank

Date	Check #	Vendor	Description	Amount Paid	Check Total
06/09/2016	89263	00937 W.W. GRAINGER, INC.	DERWA: REPLT FILTERS FOR WEDECO BALLAST	1,012.44	
			REPLT FILTER MAT & EXHAUST FILTER	194.20	1,206.64
06/09/2016	89264	00937 W.W. GRAINGER, INC.	FOD TOOLS	31.45	31.45
06/09/2016	89265	03622 JUDY ZAVADIL	ZAVADIL REIMB EXP FOR DUBLIN HIGH SCHOOL	60.00	60.00
06/09/2016	89266	01719 A & M PRINTING, INC.	A&M PRINTING	336.87	336.87
06/09/2016	89267	01774 AIRGAS NCN	HELIUM	281.00	281.00
06/09/2016	89268	07554 AIRGAS USA, LLC	PROPANE FOR WWTP FORKLIFT	107.31	107.31
06/09/2016	89269	00256 ALLIANT INSURANCE, INC.	COMMERCIAL CRIME PROGRAM 07/01/2016 - 07	585.00	585.00
06/09/2016	89270	01076 ALSOCO INC	WWTP TOWEL SERVICE MAY '16	274.40	
			FOD TOWEL SERVICE MAY '16	141.60	416.00
06/09/2016	89271	01195 AMERICAN BATTERY CO.	REPLT BATTERY FOR PUMP 510E	176.04	176.04
06/09/2016	89272	00058 ARROWHEAD MOUNTAIN SPRING	OPS DEPT/LAVWMA/FOD BOTTLED WATER SERVICE	78.41	78.41
06/09/2016	89273	00058 ARROWHEAD MOUNTAIN SPRING	BOTTLED WATER LAB	61.01	61.01
06/09/2016	89274	06211 ASSOCIATED SERVICES CO.	OPS DEPT HOT BEVERAGE SERVICE MAY '16	192.95	192.95
06/09/2016	89275	00622 AT&T	LAVWMA PS & SANLEANDRO DECHLOR STATION M	103.26	103.26
06/09/2016	89276	07594 BLUEPHASE CREATIONS LLC	SHAREPOINT MIGRATION	3,750.00	
			SHAREPOINT MIGRATION	1,500.00	5,250.00
06/09/2016	89277	00092 BORGES & MAHONEY CO	LAVWMA: REPLT CHLORINE ANALYZER FOR LAVW	8,743.48	8,743.48
06/09/2016	89278	02026 C.H.BULL CO.	FLOODSAX SAND BAG	288.94	288.94
06/09/2016	89279	05404 CALIFORNIA FIRST AID & SAFTE	FIRST AID KIT RESTOCK - WWTP	299.70	
			FIRST AID KIT RESTOCK - DO	162.66	462.36
06/09/2016	89280	00117 CALPELRA	S. HALVERSON - CALPERLA LABOR RELATIONS	1,035.00	1,035.00
06/09/2016	89281	01085 CALPERS LONG-TERM CARE PR	LONG-TERM CARE: PAYMENT	68.12	68.12

## Check History Description Listing

Dublin San Ramon Services District

Page: 30

From: 5/9/2016

To: 6/12/2016

Bank code: apbank

Date	Check #	Vendor	Description	Amount Paid	Check Total
06/09/2016	89282	00118 CALTEST ANALYTICAL LAB	SAMPLE TESTING SAMPLE TESTING	180.50 180.50	361.00
06/09/2016	89283	00133 CCCSD (CSDA CONTRA COSTA C	CCSDA - MEMBERSHIP DUES D MCINTYRE RENEW	100.00	100.00
06/09/2016	89284	00136 CDW GOVERNMENT INC.	CISCO NETWORK EQ COMMERCE CIRLC LANDESK RENEWAL CISCO DIRECT C3850-NM-4-1G	18,063.33 2,175.00 312.08	20,550.41
06/09/2016	89285	00157 CITY OF PLEASANTON	FOD: POTABLE WATER MAY '16	71.12	71.12
06/09/2016	89286	04820 COASTAL IGNITION & CONTROL	OXYGEN SENSOR FOR EMISSIONS TESTER	389.79	389.79
06/09/2016	89287	01156 CWEA	S. QUINLAN C WEA MT3 CERTIFICATE RENEWAL B. SMITH CWEA MT-3 CERTIFICATE RENEWAL E	91.00 91.00	182.00
06/09/2016	89288	00280 ECOWATER SYSTEMS	LAB WATER SOFTENER EXCHANGE TANKS: OPS J RO TANKS (QTY 2) EXCHANGED QUARTERLY: ME	211.20 19.00	230.20
06/09/2016	89289	04991 EISENBERG, OLIVIERI & ASSOC.	NPDES PERMIT RENEWAL ASSISTANCE	3,850.68	3,850.68
06/09/2016	89290	00307 FAIRWAY EQUIPMENT & SUPPLY	PLANT SUPPLIES	985.79	985.79
06/09/2016	89291	06320 FORDERER CORNICE WORKS IN	REPLT METAL DOOR FOR CO-GEN	2,025.75	2,025.75
06/09/2016	89292	06865 FUTURE FORD OF CONCORD	ALTERNATOR & BELT FOR UNIT #65 ROTORS FOR UNIT #18	298.11 232.54	530.65
06/09/2016	89293	00352 GOLDEN STATE FLOW MEASURE	GSFM TRANSPONDERS 50 UNITS-RECYCLED WATER CONSTRUCTION	19,217.25 16,198.32	35,415.57
06/09/2016	89294	01517 HARRYS AUTO REPAIR INC	SMOG INSPECTION FOR UNIT #64 SMOG INSPECTION FOR UNIT #26 SMOG INSPECTION FOR UNIT #86	30.00 30.00 30.00	90.00
06/09/2016	89295	02526 HELLO DIRECT	PORTABLE SOUND SYSTEM FOR WWTP TOURS	9,500.08	9,500.08
06/09/2016	89296	07531 INLAND POTABLE SERVICES, INC	SERVCIES FOR POTABLE & RECYCLED WATER TA	45,325.50	45,325.50

## Check History Description Listing

Dublin San Ramon Services District

From: 5/9/2016

To: 6/12/2016

Bank code: apbank

Date	Check #	Vendor	Description	Amount Paid	Check Total
06/09/2016	89297	05851 JENFITCH, LLC	JC 1679 CATIONIC COAGULANT FOR DERWA	4,872.00	4,872.00
06/09/2016	89298	06113 LANLOGIC	EXAGRID RENEWAL 2016 05/01/16-04/30/17	3,245.40	3,245.40
06/09/2016	89299	07330 LIBERTY PROCESS EQUIPMENT,	REPLT PARTS FOR SCUM PUMP #3	3,181.18	3,181.18
06/09/2016	89300	05675 LOGO BOSS	2015 EE AWARD PLAQUE ENGRAVING	447.20	447.20
06/09/2016	89301	07264 MANPOWERGROUP US INC.	M. ZAKLAN: WE 05/15/16	409.64	409.64
06/09/2016	89302	00536 MC MASTER-CARR SUPPLY CO.	FILTER BASKETS FOR FUEL SKID COOLING WAT	1,220.11	1,220.11
06/09/2016	89303	05897 MERIT RESOURCE GROUP	A. MCCAFFERY: WE 05/15/16	1,227.40	1,227.40
06/09/2016	89304	03746 MITCHELL 1	ONE YEAR RENEWAL SHOPKEY	3,067.93	3,067.93
06/09/2016	89305	04231 MSC INDUSTRIAL SUPPLY CO	GLOVES, LENS CLEANER, WATER COOLERS	713.29	713.29
06/09/2016	89306	04796 NAPA AUTO PARTS	THREADLOCKER STICK FOR STOCK	28.59	
			BATTERY CLAMP KIT FOR UNIT #65	18.97	
			AUTO PARTS FOR FOD TRAILER 602T	8.50	56.06
06/09/2016	89307	07461 OFFICE RELIEF	ERGONOMIC CHAIR - C. CASHA	453.12	
			ERGONOMIC MOUSE FOR PPE CACHE	87.55	540.67
06/09/2016	89308	02109 ONE HOUR DELIVERY SERVICE,	ONE HOUR DELIVERY - BOD MAIL DELIVERY 5/	120.00	120.00
06/09/2016	89309	00620 P G & E	WWTP ELECTRICITY - APRIL 2016	23,272.88	
			PUMP STATION R300B ELEC - MAY 2016	1,121.79	
			PUMP STATION 4A ELEC - MAY 2016	570.72	
			RESERVOIR R100 ELEC - JUNE 2016	20.20	
			ALAMO TRUNK SEWER ELEC - MAY 2016	17.41	
			JOHNSON DRIVE STREETSCAPE ELEC - MAY 201	13.13	25,016.13
06/09/2016	89310	04211 PLATT ELECTRIC SUPPLY	(3QTY) POCKET KNIFE TOOL FOR ELECTRICIAN	16.39	16.39
06/09/2016	89311	04951 PLEASANTON TRUCKING	VULCAN MATERIAL DELIVERED TO FOD	373.50	373.50
06/09/2016	89312	04444 PULTE HOMES	REFUND MTR# 78465823	1,056.53	1,056.53

## Check History Description Listing

Dublin San Ramon Services District

From: 5/9/2016

To: 6/12/2016

Bank code: apbank

Date	Check #	Vendor	Description	Amount Paid	Check Total
06/09/2016	89313	04105 R&B COMPANY	METER PARTS	2,493.32	2,493.32
06/09/2016	89314	06886 RALPH ANDERSEN & ASSOCIATE	RECRUITMENT SERVICES - GENERAL MANAGER	14,250.00	14,250.00
06/09/2016	89315	06284 RELIANT TECHNOLOGY	EMC SAN HARDWARE/SOFTWARE MAINTENANCE, 6	4,937.50	4,937.50
06/09/2016	89316	06444 RICHERT LUMBER	LUMBER MATLS FOR ELE SHOP PALLET RACKING	367.74	367.74
06/09/2016	89317	05680 SDRMA	MEMBER#7119/PROGRAM YEAR 2016-17	25,693.77	25,693.77
06/09/2016	89318	02698 SHAMROCK OFFICE SOLUTIONS	OVERAGE USAGE COLOR COPIES 05/06 - 06/05	315.38	315.38
06/09/2016	89319	07613 SHAREGATE	SHAREGATE SOFTWARE 1 YEAR SUBSCRIPTION P	3,995.00	3,995.00
06/09/2016	89320	00771 SHIELDS, HARPER & CO	PROVIDE MATERIAL/LABOR TO REPAIR VEEDER	2,286.36	2,286.36
06/09/2016	89321	00774 SIEMENS INDUSTRY, INC	REPLT LEVEL TRANSMITTER FOR FLUORIDE BUL	2,375.61	2,375.61
06/09/2016	89322	07622 SITEONE LANDSCAPE SUPPLY	MISC PARTS	78.82	78.82
06/09/2016	89323	00786 SNAP-ON INDUSTRIAL	TOOL SET FOR FLEET SERVICE VEHICLE UNIT	3,436.09	3,436.09
06/09/2016	89324	02654 STAINLESS DISTRIBUTORS	PIPING PARTS FOR INFLUENT SAMPLER	36.86	36.86
06/09/2016	89325	05781 THERMO ELECTRON NORTH AM	INSTRUMENT SERVICE CONTRACT	3,307.33	
			CHEMICALS AND SUPPLIES	1,505.07	4,812.40
06/09/2016	89326	00862 TIFCO INDUSTRIES	FLEET SUPPLIES, AUTOMOTIVE ASSORTMENTS	1,183.70	1,183.70
06/09/2016	89327	00556 UNITED WAY OF THE BAY AREA	UNITED WAY: PAYMENT	280.93	280.93
06/09/2016	89328	01143 USA BLUE BOOK	FREIGHT CHARGES FOR INV 963730	84.21	84.21
06/09/2016	89329	00914 VALLEY PLUMBING HOME CTR, I	2015-16 BACKFLOW TESTING FOR DISTRICT	447.00	447.00
06/09/2016	89330	05785 WAUKESHA PEARCE INDUSTRIE	CO-GEN PARTS: AIR ELEMENT, FILTER ELEMEN	1,692.99	1,692.99
06/09/2016	89331	00957 WEST YOST & ASSOCIATES	14-P004 TO NO. 2 WASTEWATER TREATMENT AN	71,751.47	71,751.47
06/09/2016	89332	00957 WEST YOST & ASSOCIATES	14-W007 TO NO. 1 THRU 05/06/16	12,268.12	12,268.12
06/09/2016	89333	03536 U S BANK/ CORP PMT SYSTEMS	FAX-TO-EMAIL ACCT CANCELLATION	-30.01	
			FAX-TO-EMAIL ACCT CANCELLATION	-30.01	

## Check History Description Listing

Dublin San Ramon Services District

From: 5/9/2016

To: 6/12/2016

Bank code: apbank

Date	Check #	Vendor	Description	Amount Paid	Check Total
			QTY (1) LENOVO YOGA X1 CONVERTIBLE TABLE	1,803.04	
			OFFSITE MTG ENG 051816 CAMPO DI BOCCE	1,005.04	
			FIRE LADDER FOR BLDG A	981.37	
			HYATT REGENCY MONTEREY - ACWA -MAY 3-6,	855.68	
			REFRIGERATOR FOR OPS BUILDING A LUNCHROO	766.49	
			SERVICE: CLEAN, CHECK & CALIBRATE GO SHA	719.04	
			QTY (1) CISCO CP8831K9 CONF PHONE FOR FO	588.00	
			5SHELF BOOKCASE FOR FLEET SHOP	543.12	
			HOSE REELS FOR UNIT #82	493.74	
			OFFICE SUPPLIES: PAPER, FOOTREST, MOUSE,	483.74	
			(4) 50 FT ROLL ROHSPOLYETHYLENE ORANGE	430.49	
			LOTO LOCKS FOR J. BAGAKIS & D. HIGARES	376.85	
			BIOLOGICAL WASTEWATER TREATMENT SEMINAR:	375.00	
			OFFICE SUPPLIES: STAPLER, APPT BOOK, TON	355.12	
			OFFICE SUPPLIES: DOCUMENT FRAMES, BATTER	351.10	
			FOD SUPPLIES	327.97	
			ERGONOMIC EQUIPMENT - B. GASKIN	320.15	
			DREDGE: BATTERIES	317.16	
			S. HALVERSON - WRIPAC TRAINING LODGING	300.14	
			J. SIMMERSON - WRIPAC TRAINING LODGING	300.14	
			LOCATE & MARK TRAINING - K. BAXTER	295.00	
			HAND WIPES - FOD STAFF	282.28	
			QTY (1) DELL P2417H 24" MONITOR FOR RHOD	282.07	
			DREDGE: OIL TRANSFER PUMP	272.24	
			D. WINTON CWEA RENEWAL: COLLECTION SYSTE	260.00	
			BBROUGH: MEMBERSHIP RENEWAL	255.00	
			APPRAISAL BOARD NAMEPLATES	250.82	
			(4QTY) QUIK SHADE GO HYBRID BACKPACK CAN	248.20	
			LUNCH FOR 4/21 EXCAVATION TRAINING	246.32	

## Check History Description Listing

Dublin San Ramon Services District

From: 5/9/2016

To: 6/12/2016

Bank code: apbank

Date	Check #	Vendor	Description	Amount Paid	Check Total
			STEPHENSON - ACWA 2016 SPRING CONFERENCE	246.08	
			REPLT PROBE CABLE & BOARD FOR TURN-OUT #	242.96	
			LAWWMA: O-RINGS FOR ARV	232.21	
			REGISTRATION: L. IVY & M. BALLESTEROS -	230.00	
			ERGONOMIC KEYBOARD - D. MCINTYRE	222.59	
			COFFEE MACHINE FOR OPS ADMIN BLDG A	207.50	
			DREDGE: FUEL SANDING UNITS	204.33	
			DELL 24 MONITOR FOR OFFICE	201.09	
			DRINKING WATER AND ELE SUPPLIES FOR PALL	199.76	
			CWEA W5 PRE-CONFERENCE: WATER, WASTEWATE	175.00	
			J. PETTINICHO CWEA RENEWAL: COLLECTION	164.00	
			JBAGAKIS: MEMBERSHIP RENEWAL, EXP 06/30/	164.00	
			DHIGARES: MEMBERSHIP RENEWAL, EXP 04/30/	164.00	
			K. BAXTER CWEA MEMBERSHIP RENEWAL	164.00	
			HAYES, BRACKETT, OLSON, KHAW - NCBPA GEN	160.00	
			SHOP/TRUCK SUPPLIES & TOOLS	158.55	
			09-6101 D. WINTON 5-16-16	153.89	
			QTY (1) LENOVO THINK PAD ONELINK DOCK	148.91	
			ERGONOMIC TOOLS	147.78	
			GENERAL EMPLOYEES MEETING 4/26/16	144.27	
			FOD SUPPLIES	135.76	
			PANERA BREAD/HOST - EXECUTIVE ROUNDTABL	133.33	
			WHIP CONNECTORS FOR CO-GEN #3	129.41	
			ERGONOMIC EQUIPMENT	125.88	
			18-VOLT BATTERY PACK & BAND SAW BLADE F	124.82	
			(3) BOXES COLORED CLASSIFICATION FOLDERS	121.91	
			BATTERY FOR FOD AED	119.43	
			OFFICE SUPPLIES: TAPE DISPENSER, TAPE, P	119.32	
			GALLARDO - MMANC WOMEN'S SUMMIT 2016 REG	115.00	

## Check History Description Listing

Dublin San Ramon Services District

From: 5/9/2016

To: 6/12/2016

Bank code: apbank

Date	Check #	Vendor	Description	Amount Paid	Check Total
			S. OLSON WOMENS LEADERSHIP SUMMIT 05-17-	115.00	
			MMANC - REGISTRATION - WOMEN'S LEADERSHI	115.00	
			OFFICE SUPPLIES: PENS, NOTEBOOKS, FILE R	114.41	
			FOD SUPPLIES	110.64	
			18-VOLT CORDLESS CUT-OFF TOOL FOR FACILT	108.41	
			S. ROBERSON AWWA MEMBERSHIP RENEWAL	105.00	
			BUG/TICK REPELLANT	104.96	
			GENERAL SUPPLIES FOR WWTP	97.30	
			ADAPTER FOR CO-GEN LAPTOP	96.56	
			JMILLER: E/I-4 CERTIFICATE RENEWAL, EXP	96.00	
			ERGONOMIC MOUSE	93.06	
			TOWING SIGNS FOR COMMERCE BUILDING	90.00	
			PLUMBING FITTING/KIT FOR COFFEE MACHINE	88.73	
			J. KILLIPS CWEA RENEWAL FOR COLLECTION S	86.00	
			R. LAWRENCE CWEA RENEWAL: COLLECTION SYS	86.00	
			J. PETTINICHO CWEA RENEWAL	86.00	
			QTY (1) OTTERBOX AND AC ADAPTER FOR IPHO	82.09	
			S. ROBERSON CWEA RENEWAL:PLANT MAINT TEC	81.00	
			(28.226G) DIESEL FOR UNIT #77	79.00	
			BRAIDED STEEL CABLE PROTECTOR FOR CO-GEN	76.55	
			ERGONOMIC MOUSE	75.50	
			(26.991G) DIESEL FUEL FOR UNIT #113	70.15	
			FOD SUPPLIES	66.77	
			ERGONOMIC KEYBOARD	65.68	
			QTY (1) LINKSYS AC1200 USB WIRELESS ADAP	63.50	
			A/C VENT DEFLECTOR FOR DO OFFICE	61.38	
			DREDGE: ELEC FUEL LEVEL GAUGE	56.98	
			CATALOG ENVELOPES, 2-POCKET PORTFOLIOS,	55.45	
			SCREWS & CONTACT CEMENT FOR ELE SHOP PAL	55.43	

## Check History Description Listing

Dublin San Ramon Services District

From: 5/9/2016

To: 6/12/2016

Bank code: apbank

Date	Check #	Vendor	Description	Amount Paid	Check Total
			HDMI CABLES FOR BLDG 2 CONFERENCE ROOM	54.99	
			GASOLINE - DO DODGE VAN	52.85	
			JANITORIAL SUPPLIES: DISH SOAP, DYER SHE	52.28	
			PORTABLE BATTERY/CHARGER FOR IPHONE	42.99	
			O-RINGS FOR PS 20B MECHANICAL SEALS	39.95	
			STEPHENSON - ACWA 2016 SPRING CONFERENCE	39.55	
			QTY (1) MINI DV TO VGA ADAPTER FOR DARIN	39.41	
			ELE TEAM MEETING - 05/18/16	38.76	
			QTY (1) SURFACE PRO 4 MINI DP TO VGA ADA	38.30	
			QTY (1) MICROSOFT MINI DV TO VGA ADAPTER	38.30	
			OFFSITE MTG ENG 051816 PARTY SUPPLIES	36.08	
			CWEA CONFERENCE B4: LEADERSHIP DEVELOPM	35.00	
			GENERAL SUPPLIES FOR WWTP	33.80	
			GM MEETING SUPPLIES	32.54	
			GASOLINE - DISTRICT POOL VEHICLE	32.07	
			HDMI CABLE FOR LOBBY MONITOR	27.36	
			SIMMERSON & HALVERSON - WRIPAC TRAINING	26.40	
			PRO SUBSCRIPTION (MAY 2016)	26.00	
			FASTRACK REPLENISHING CHARGE MAY '16	25.00	
			TRAINING SNACKS	24.96	
			FOD SUPPLIES	24.08	
			SCREW EXTRACTOR SET FOR UNIT #60	21.88	
			LEFT HANDED DRILL BITS FOR UNIT #60	19.24	
			DONUTS	18.98	
			DONUTS	17.98	
			S. HALVERSON - WRIPAC TRAINING MEAL	16.88	
			NETWORK WIRE FOR PS 4A SWITCH	16.41	
			DAN LOPEZ NAMEPLATE	14.46	
			S. HALVERSON - WRIPAC TRAINING MEAL	14.24	

## Check History Description Listing

Dublin San Ramon Services District

Page: 37

From: 5/9/2016

To: 6/12/2016

Bank code: apbank

Date	Check #	Vendor	Description	Amount Paid	Check Total
			FAST SIGNS - NAME TAG - DAN MCINTYRE GE	13.94	
			J. SIMMERSON - WRIPAC TRAINING MEAL	11.27	
			S. HALVERSON - WRIPAC TRAINING MEAL	10.37	
			DONUTS	9.99	
			DONUTS	9.99	
			DONUTS	8.99	
			TARGET - HEFTY ZIP LOCK BAGS - BOD MAIL	8.74	
			FAX SERVICE - APR. 2016	7.95	
			DOOR STRIKER FOR UNIT #73	7.34	
			AMAZON - RIBBON CARTRIDGE FOR TIMECLOCK	6.96	
			BATTERY FOR VIDEO CAMERA	4.92	
			CREDIT STEPHENSON: ACWA 2016 SPRING CONF	-139.00	22,225.82
06/10/2016	1000703779	01111 CALPERS	JUNE 2016 - ER CODE 0740 & 7316	200,142.54	200,142.54

422 checks in this report

Total Checks: 7,194,426.72

Karen  
Vaden



Digitally signed by Karen  
Vaden  
DN: cn=Karen Vaden  
Date: 2016.06.09 16:23:15  
-07'00'

# TENTATIVE BOARD ITEMS

6/16/2016 1:29:23 PM

Board Mtg	Agenda Item	External Affairs	Finance and Personnel	Water Resources
7/19/2016	Policy - Review and Approve Revised Water Recycling	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Closed Session - Public Employee Performance Review - FYE 2016 Review General Counsel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Update WWTP and Biosolids Master Plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Update California WaterFix	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Approve Budget Increase for Doughery Road Utilities Project (CIP 15-W004)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Decide Format and Content of GM Performance Assessment for FYE 2017	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Closed Session - Annual Security Briefing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Accept Regular & Recurring Reports: District Financial Statements, Warrant List, Upcoming Board Business, Low Income Assistance Program, EE Retention Stats, Outstanding Receivable, Emp/Director Reimbursements >\$100	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	First Reading: Intro of Ordinance Revising District Code Section 3.70.080 Time of Payment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Closed Session - Decide Format and Content of GM Performance Assessment for FYE 2017	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Annual Strategic Plan Progress Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Board Mtg	Agenda Item	External Affairs	Finance and Personnel	Water Resources
7/19/2016				
	Award Construction Agreement to _____ for new FOD Corp Yard Building Modifications (CIP 16-A005)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Authorize Task Order No. 2 to Master Consultant Agreement with RCS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Award Construction Agreement to _____ for Materials Bins for new FOD Corp Yard Building (CIP 16-A005)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	New Employee Introduction - ES Admin Analyst	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Discuss Contra Costa Grand Jury Response - Report 1606 – Reclaiming Our Water – More Complicated Than It Might Appear	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Authorize Task Order No. _____ for Construction Management with _____ for the New FOD Corp Yard Building Modifications (CIP 16-A005)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Intention to Levy Annual Assessments in the Dougherty Valley Standby Charge District 2001-1 for Fiscal Year 2016-17	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8/2/2016				
	Adopt Local Hazard Mitigation Plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Policy - Review District Safety Programs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Authorize Task Order No. 3 to Master Consulting Agreement with Arcsine Engineering for Design Services of WWTP SCADA Improvements (CIP 05-3206)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Policy - Review Sewer System Overflows	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Board Mtg	Agenda Item	External Affairs	Finance and Personnel	Water Resources
8/2/2016	Policy - Review Emergency Response Plan (ERP)			
	Approve Health Insurance Contribution for 2017			
	Approve Legal Counsel Contract Amendment			
	Utility Billing Adjustments			
	Second Reading: Intro of Ordinance Revising District Code Section 3.70.080 Time of Payment			
17	Public Hearing - Adopt Dougherty Valley Standby Charge District 2001-1 Tax Levy Charge for Fiscal Year 2016-			



# Dublin San Ramon Services District

## Summary & Recommendation

**Agenda Item 8B**

Reference Administrative Services Manager	Type of Action Approve Adjustment to Operating Budget for Capital Outlay	Board Meeting of June 21, 2016
Subject Approve the Decrease of Operating Budget for Capital Outlay in FYE 2016 by \$170,000 and Increase the Operating Budget for Capital Outlay in FYE 2017 by \$180,000		
<input type="checkbox"/> Motion	<input type="checkbox"/> Minute Order	<input checked="" type="checkbox"/> Resolution
REPORT:	<input type="checkbox"/> Verbal	<input type="checkbox"/> Presentation

**Recommendation:**

Staff recommends the Board of Directors approve, by Resolution, the transfer of budgeted capital outlay expenditures from FYE 2016 to FYE 2017 for two Ford trucks totaling \$170,000; and additionally increase the FYE 2017 budgeted capital outlay expenditure by \$10,000.

**Summary:**

The approved FYE 2016 Capital Outlay Budget included \$170,000 for two Ford trucks with service body and equipment. Due to manufacturing delays at Ford Motor Company the trucks will not be received until after June 30, 2016. District staff is requesting that the budget of \$170,000 for these two trucks be moved from FYE 2016 budget to FYE 2017 budget. The budget is split \$60,000 Regional Replacement (Fund 310) and \$110,000 Water Replacement (Fund 610).

The approved FYE 2017 Capital Outlay Budget included \$70,000 for a Ford F-450 truck with service body. District staff is requesting that the budget be increased by \$10,000 to \$80,000 so that a crane can be added to the truck. Originally the new truck was scheduled to replace a truck with only a service body; however another truck in the District fleet scheduled to be replaced in FYE 2018 had unexpected engine failure so there is a need for the new truck to have a crane. The budget increase of \$10,000 will come from Water Replacement (Fund 610).

Committee Review			Legal Review	Staff Review		
COMMITTEE ---	DATE ---	RECOMMENDATION ---	Not Required	ORIGINATOR K. Vaden	DEPARTMENT Admin Services	REVIEWED BY
<b>ATTACHMENTS</b> <input type="checkbox"/> None						
<input checked="" type="checkbox"/> Resolution	<input type="checkbox"/> Minute Order	<input type="checkbox"/> Task Order	<input type="checkbox"/> Staff Report	<input type="checkbox"/> Ordinance		
<input checked="" type="checkbox"/> Cost \$10,000 FYE2017	<input checked="" type="checkbox"/> Funding Source A. Water Replacement (Fund 610) – 100% B. C.		Attachments to S&R 1. 2. 3.			

RESOLUTION NO. \_\_\_\_\_

RESOLUTION OF THE BOARD OF DIRECTORS OF DUBLIN SAN RAMON SERVICES DISTRICT TO APPROVE ADJUSTMENTS TO OPERATING BUDGET FOR CAPITAL OUTLAY FOR FISCAL YEARS ENDING 2016 AND 2017

---

WHEREAS, the Budget Accountability policy requires the Board to approve all Capital Outlay Budget items; and

WHEREAS, the Board of Directors, through Resolution No. 43-15, adopted the Annual Operating Budgets for Fiscal Years Ending (FYE) 2016 and 2017, which includes Capital Outlay items; and

WHEREAS, the Board approved the purchase of two new trucks in FYE 2016 at a cost of \$170,000; and

WHEREAS, due to manufacturing delays the trucks will not be received by close of business on June 30, 2016; and

WHEREAS, the Board approved the purchase of a new truck in FYE 2017 at a cost of \$70,000; and

WHEREAS, District staff has identified additional equipment at a cost of \$10,000 is required for the truck.

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, that:

1. The FYE 2016 Operating Budget for Capital Outlay is here decreased by \$170,000 in the following accounts: Account 310.70.53.050.5.555 by \$60,000, and Account 610.70.53.050.5.555 by \$110,000.
2. The FYE 2017 Operating Budget for Capital Outlay, is here increased by \$180,000 in the following accounts: Account 310.70.53.050.5.555 by \$60,000, and Account 610.70.53.050.5.555 by \$120,000.
3. A listing of the Capital Outlay purchases are attached as Exhibit "A."

ADOPTED by the Board of Directors of Dublin San Ramon Services District at its regular meeting held on the 21st day of June 2016, and passed by the following vote:

AYES:

NOES:

ABSENT:

ATTEST: \_\_\_\_\_  
Nicole Genzale, District Secretary

\_\_\_\_\_  
D.L. (Pat) Howard, President

Exhibit A

R/N	Division	Asset description	Total Cost	% Allocation			Year	2017		
				210	310	610		Local	Regional	Water
N	53 - Fleet	Truck - Ford F-350 w/service body	60,000		100%		2017	-	60,000	-
R	53 - Fleet	Truck - Ford F-450 w/service body/crane	110,000			100%	2017	-	-	110,000
R	54 - Elect	Update Security system	20,000	11%	52%	37%	2017	2,200	10,400	7,400
R	51 - FOD	Truck - Ford F-150	25,000	50%		50%	2017	12,500	-	12,500
R	51 - FOD	Small SUV - Ford Escape 4WD (for FOD sup)	32,000	50%		50%	2017	16,000	-	16,000
N	51 - FOD	Portable Emergency Intertie Pump	40,000		100%		2017	-	-	40,000
N	51 - FOD	Pump station emergency generator	50,000		100%		2017	-	-	50,000
R	53 - Fleet	Truck - Ford F-450 w/service body	80,000		100%		2017	-	-	80,000
N	53 - Maint	Chilled water tank (for cooling system)	10,750		100%		2017	-	10,750	-
N	53 - Maint	Bio-solids sludge grinder	22,150		100%		2017	-	22,150	-
R	53 - Maint	Replacement WWTP Forklift, new	35,000		100%		2017	-	35,000	-
R	54 - Elect	Truck - Ford F-250 w/service body	38,000		70%	30%	2017	-	26,600	11,400
		GRAND TOTAL OF REQUESTS	\$ 522,900					\$ 30,700	\$ 164,900	\$ 327,300
								Fiscal Year Total		
										\$ 522,900



# Dublin San Ramon Services District

## Summary & Recommendation

**Agenda Item 9A**

Reference Administrative Services Manager	Type of Action Adopt Water Capacity Reserve Fees	Board Meeting of June 21, 2016
Subject Establish Water Capacity Reserve Fees under Sections 3.70.010.A and 3.70.010.B of the District Code and Rescind Resolution No. 24-11		
<input type="checkbox"/> Motion	<input type="checkbox"/> Minute Order	<input checked="" type="checkbox"/> Resolution
REPORT:	<input type="checkbox"/> Verbal	<input type="checkbox"/> Presentation

**Recommendation:**

Staff recommends the Board of Directors adopt, by Resolution, Water Capacity Reserve Fees under sections 3.70.010.A and 3.70.010.B of the District Code and rescind Resolution No. 24-11.

**Summary:**

The District hired HDR, Inc. to perform its Water Capacity Reserve Fee Study. HDR worked in conjunction with West Yost & Associates who developed the Water Master Plan and Carollo Engineers who developed the DERWA (recycled water) Model Update and estimated dwelling unit equivalents (DUEs) related to the expansion of the system to serve customer growth. Cost estimates for the projects were included in the capacity fee study.

As in prior years, the fee will be established in three component parts; the facilities and buy-in components which will be automatically adjusted each July 1, beginning 2017, based on the percentage increase in the Engineering News Record (ENR) Construction Cost Index for the San Francisco Bay Area. The separate debt component of the fee will not be adjusted.

Outreach in advance of tonight's recommended action:

- Notice to the development community that the Board would be considering the fees at tonight's meeting.
- Notice of the Board Action has been published in the local Bay Area News Group.
- Staff was available for meeting with developers on May 12th.
- The General Manager notified the City Council of Dublin on May 17th.
- Full presentation to explain the proposed capacity fees and the schedule available in adopting the updated fees to the Board on May 17th.
- A copy of the draft report has been available on the District website and at the District office since May 17th.
- A meeting was held with the Finance and Personnel Committee on February 29, 2016 to discuss the progress on the work and strategic projects included.
- Staff will separately be proposing a change to the District Code which will impact when fees are due for payment.

No input has been received as a result of the referenced outreach activity.

Staff recommends the proposed fees be adopted by resolution at the June 21 meeting to become operative July 1, 2016.

Committee Review			Legal Review	Staff Review		
COMMITTEE ---	DATE ---	RECOMMENDATION ---	Not Required	ORIGINATOR J. Archer	DEPARTMENT Admin Services	REVIEWED BY
<b>ATTACHMENTS</b> <input type="checkbox"/> None						
<input checked="" type="checkbox"/> Resolution	<input type="checkbox"/> Minute Order	<input type="checkbox"/> Task Order	<input type="checkbox"/> Staff Report	<input type="checkbox"/> Ordinance		
<input checked="" type="checkbox"/> Cost \$0	<input type="checkbox"/> Funding Source A. B.		Attachments to S&R 1. Water Capacity Reserve Fee Report 2. Public Notice 3. Development Notice of Water Capacity Reserve Fee Increase			

RESOLUTION NO. \_\_\_\_\_

RESOLUTION OF THE BOARD OF DIRECTORS OF DUBLIN SAN RAMON SERVICES DISTRICT ESTABLISHING WATER CAPACITY RESERVE FEES FOR NEW OR EXPANDED SERVICE FROM THE DISTRICT'S POTABLE AND RECYCLED WATER SUPPLY FACILITIES UNDER SECTIONS 3.70.010.A AND 3.70.010.B OF THE DISTRICT CODE AND AN IMPLEMENTATION PROGRAM AND RESCIND RESOLUTION NO. 24-11

---

WHEREAS, Sections 3.70.010.A and 3.70.010.B of the District Code of Regulations (“District Code”) allow the Board of Directors to establish water capacity reserve fees (formerly called “water connection fees”) for the right to connect to and receive new or expanded service from the potable and recycled water supply facilities of the District, by ordinance or Resolution; and

WHEREAS, the purpose of water capacity reserve fees are to protect the public health, safety and general welfare by providing sufficient funding to enable the District to construct water supply facilities and improvements adequate to satisfy the water service needs of new development and to mitigate the effects of the connections made by new development upon the District’s existing water supply facilities and improvements; and

WHEREAS, the Report entitled *Water Capacity Reserve Fee* (“Report”) prepared by HDR Engineering, Inc., in May 2016 updates the capital costs of the Dublin San Ramon Services District water system based on the best engineering and financial information available and allocates them appropriately to new development; and

WHEREAS, the Report recommends the continuing use of a single unified water capacity reserve fee for all customers in the District rather than drawing distinctions based on considerations such as the pressure zone and the county in which the water meter is to be installed in recognition that this so-called “postage stamp” approach conforms to the standard of the industry, and is widely used and generally accepted approach to establishing such fees, has been repeatedly affirmed by California law, and in light of the fact that the District designs and operates the water system as a single integrated system to serve all customers; and

WHEREAS, the Board of Directors of Dublin San Ramon Services District desires to establish new water capacity reserve fees based on the information and analysis found in the Report; and

WHEREAS, the Board of Directors of Dublin San Ramon Services District adopted the Water Supply, Storage, Conveyance, Quality and Conservation Policy on October 20, 2015, which called for the District to maintain a safe, secure, and reliable water supply and water storage system that continuously meets full customer demands in no less than 85% of calendar years, and to diversify sources of water supply so that no less than 60% of total demand is satisfied by local and regional water supplies; and

WHEREAS, the Board of Directors of Dublin San Ramon Services District has recognized that an Indirect Potable Reuse (IPR) project has the potential to benefit both current and future customers of the District by improving local supply, particularly in times of drought; and

WHEREAS, the Board of Directors of Dublin San Ramon Services District has directed staff to evaluate the feasibility of moving forward with an IPR project to alleviate some of the need for an expanded reliable water supply; and

WHEREAS, it is considered reasonable that all current and future ratepayers will benefit from such a project and that the proportionate share of the remaining development to total development at buildout, within the District water service area is 25% and that it is appropriate that development should therefore pay 25% of the needed water supply project; and

WHEREAS, \$10,000,000 is considered to be a reasonable estimate of an appropriate developer contribution towards the planning level estimate (over \$40,000,00) of the overall cost of the IPR project as currently envisioned and is reflected as one of the project costs included in the HDR study; and

WHEREAS, subject to District Code Section 1.60.30, Fees, the water capacity reserve fees collected pursuant to this Resolution shall be used only to pay for water supply facilities and improvements, including specified portions of the costs of financing such facilities and improvements, serving the functions of those facilities and improvements identified in the Report; and

WHEREAS, there is a reasonable relationship between the demands for new or expanded water service arising from anticipated future development and the connections against which the water capacity reserve fees will be imposed, the proposed use of the water capacity reserve fees, and the need for the facilities and improvements; and

WHEREAS, a water supply system with an enhanced diversity of sources, and adequate transmission, distribution, and storage capacity, to reliably meet anticipated demands is necessary to protect the public health and safety of the residents of the District. Maintaining the adequacy of the water supply system in the face of growth and new development requires that the system be expanded and extended commensurate with, but in advance of completion of, new development; and

WHEREAS, there is a reasonable relationship between the amount of the water capacity reserve fees and the cost of the water supply facilities and improvements projected to be necessary to serve developments anticipated by the pertinent land use planning agencies, which will require new or expanded connections against which the water capacity reserve fees will be imposed; and

WHEREAS, the water capacity reserve fees as proposed in the Report and as set forth herein do not exceed the estimated reasonable cost of providing the service for which they are imposed, measured by the capital costs of the facilities and improvements, including specified portions of the costs of financing such facilities and improvements, the need for which is attributable to demands arising from such new development; and

WHEREAS, the estimated reasonable cost of the facilities and improvements, including specified portions of the costs of financing such facilities and improvements, to be paid for by the water capacity reserve fees are shown in the Report; and

WHEREAS, the Engineering News Record (ENR) Construction Cost Index, San Francisco Area, provides an appropriate and accurate measure of the increases in capital costs of water supply facilities and improvements of the sort used to calculate the amount of the District's water capacity reserve fees, and the Board therefore adopts said Construction Cost Index as the index for measuring increases in the cost of such facilities and improvements for the purpose of future automatic adjustments to the water capacity reserve fees; and

WHEREAS, the Board has reviewed a draft of the HDR report on May 17, 2016; and

WHEREAS, the HDR report has been made available for public comment since May 17, 2016; and

WHEREAS, a public meeting was held for developers on May 12, 2016 for the purpose of soliciting any public feedback and no comments have been received; and

WHEREAS, the water capacity reserve fees currently in effect were enacted by Resolution No. 24-11, which will be rescinded by this Resolution.

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 Board finds and determines that all of the recitals herein are true and correct.
2. All capacity reserve fees for meters greater than 5/8-inch as set forth in Exhibit "A" are established in proportion to the 5/8-inch water capacity reserve fee based on maximum continuous flow rate capacity through a 5/8-inch water meter, as defined by American Water Works Association (AWWA). Flow ratings for displacement type meters are currently defined by AWWA C700 Standard for Cold-Water Meters—Displacement Type, Metal Alloy Case. Flow ratings for

turbine type meters are currently defined by AWWA C701 for Cold Water Meters—Turbine Type, for Customer Service. Flow ratings for compound type meters are currently defined by AWWA C702 for Cold Water Meters—Compound Type.

3. If at any time there is a material change in the actual or estimated costs of facilities identified in the Report, the Administrative Services Manager shall review the water capacity reserve fees and determine whether the change affects the amount of the water capacity reserve fees. If the water capacity reserve fees are significantly affected, or if the water capacity reserve fees exceed the reasonable cost of providing service, the Administrative Services Manager will recommend to the Board revised water capacity reserve fees for its consideration.

4. This Resolution is effective immediately, and the water capacity reserve fees authorized under Sections 3.70.010.A and 3.70.010.B of the Dublin San Ramon Services District Code in the respective amounts set forth in Exhibit "A" are hereby established, and such water capacity reserve fees shall become operative on July 1, 2016, as specified in Exhibit "A."

5. Beginning on July 1, 2017, water capacity reserve fees shall be automatically adjusted so as to become operative each July 1 in the manner described in the remainder of this subparagraph without further Board action or review. The General Manager is authorized to adjust each of the components of the water capacity reserve fees, except for the debt component, by the percentage by which the most recent ENR Construction Cost Index for the San Francisco Bay Area available as of April 30 has increased in relation to the most recent corresponding Construction Cost Index as of the preceding April 30. The General Manager may round the water capacity reserve fee thus calculated to whole dollars and shall post the new water capacity reserve fee on the District's web site by May 31 of each year, and shall cause written documents to be prepared that show the updated charges and the inclusive dates those charges shall be operative, and shall direct that each person inquiring about this Resolution or water capacity reserve fees receive both a correct copy of this Resolution and the document setting forth the amount of the water capacity reserve fees.

6. All provisions of this Resolution are essential to the public purposes that underlie the adoption of this Resolution. Therefore, in the event that any section, sub-section, sentence, clause or phrase of this Resolution, the water capacity reserve fees established by this Resolution, or any or all of them, shall be adjudged or declared unconstitutional, illegal, and/or invalid by a court of competent jurisdiction, all other sections, sub-sections, sentences, clauses, or phrases hereof not so adjudged or declared unconstitutional, illegal, and/or invalid shall nonetheless become inoperative and of no force and effect, and the Resolution shall be treated as if it had never been adopted, whereupon, including the provisions thereof that would otherwise rescind Resolution No. 24-11, (attached as Exhibit "B") which shall thereupon be restored to full force and effect.

Res. No. \_\_\_\_\_

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 21st day of June 2016, and passed by the following vote:

AYES:

NOES:

ABSENT:

---

D. L. (Pat) Howard, President

ATTEST: \_\_\_\_\_  
Nicole Genzale, District Secretary

H:\Board\2016\06-21-16\Water Capacity Fee\2 Water Capacity Fees RES 2016 approved.docx

## Exhibit A

### Water Capacity Reserve Fees Established under Dublin San Ramon Services District Code Sections 3.70.010.A and 3.70.010.B Operative July 1, 2016 <sup>1</sup>

#### 1. District Water Capacity Reserve Fees:

Each applicant or user seeking a new or expanded connection to the District's water supply facilities from and after July 1, 2016 shall pay water capacity reserve fees in the respective amounts set forth in the applicable table below, adjusted as described in note 1 after June 30, 2017, based on the size and capacity of the water meter:

Meter Size (in inches) and Type	Capacity Factor	Buy-in <sup>1</sup>	Expansion <sup>1</sup>	Debt	Total Water Capacity Reserve Fee
5/8" displacement	1	\$3,809	\$4,878	\$4,075	<b>\$12,763</b>
3/4" displacement	1.5	\$5,743	\$7,275	\$6,127	<b>\$19,145</b>
1" displacement	2.5	\$9,572	\$12,125	\$10,211	<b>\$31,908</b>
1 1/2" displacement	5	\$19,145	\$24,249	\$20,421	<b>\$63,815</b>
2" displacement	8	\$30,631	\$38,800	\$32,673	<b>\$102,104</b>
1 1/2" compound (OMNI-C2)	16	\$61,262	\$77,599	\$65,347	<b>\$204,208</b>
1 1/2" turbine (OMNI-T2)	16	\$61,262	\$77,599	\$65,347	<b>\$204,208</b>
2" compound(OMNI-C2)	16	\$61,262	\$77,599	\$65,347	<b>\$204,208</b>
2" turbine (OMNI-T2)	20	\$76,578	\$96,999	\$81,683	<b>\$255,260</b>

The District Engineer may adjust the Capacity Factor set forth in the preceding table based on revisions to the American Water Works Association (AWWA) publications described below or other new empirical data regarding the respective flow rating for any of the meters described therein.

For each applicant or user seeking a new or expanded connection to the District's water supply facilities from and after July 1, 2016 through a meter larger than those shown in the preceding table, the applicable water capacity reserve fee is established in the respective amount that is the product of the appropriate capacity factor, determined as set forth in the following sentence, times the water capacity reserve fee for a 5/8-inch meter as set forth in the preceding table. The appropriate capacity factor shall be determined by the District Engineer as the quotient calculated by dividing the flow rating for the meter to be installed by the flow rating of a 5/8-inch displacement type meter, with the flow ratings for displacement type meters being defined by the then-current AWWA C700 Standard for Cold-Water Meters- Displacement Type, Metal Alloy

---

<sup>1</sup> The components of the Water Capacity Reserve Fee identified as the "Buy-in Component" and "Expansion Component" in the May 2016 Report entitled *Water Capacity Reserve Fee* shall be automatically adjusted effective July 1, 2017 and each July 1 thereafter by the General Manager, who shall adjust those fees by the percentage increase in the most recent ENR Construction Cost Index for the San Francisco Bay Area as of April 30 in relation to the most recent corresponding Construction Cost Index available the preceding April 30. The new fees thus calculated shall be posted on the District's web site by May 31 of each year.

Case, and the flow ratings for turbine type meters being defined by the then-current AWWA C701 for Cold Water Meters-Turbine Type, for Customer Service, and the flow ratings for compound type meters being defined by AWWA C702 for Cold Water Meters—Compound Type. The District Engineer may adjust the capacity factors for the respective meters based on revisions to the AWWA publications described above or other new empirical data regarding the respective flow ratings.

2. Zone 7 Connection and Facilities Fees and Related Surcharge:

In addition to the District water capacity reserve fee described above, for properties located in Alameda County that connect to the District's potable water supply facilities through a new or larger meter, an additional fee shall also be paid in the amount of the Alameda County Water Conservation and Flood Control District, Zone 7 ("Zone 7") connection fee governed by Resolutions or ordinances adopted by Zone 7, which are amended from time to time by Zone 7.

In addition to the District water capacity reserve fee described above, for properties located in Contra Costa County that connect to the District's potable water supply facilities through a new or larger meter, an additional fee shall also be paid in the amount of the Alameda County Water Conservation and Flood Control District, Zone 7 ("Zone 7") connection fee established for Contra Costa County and governed by Resolutions or ordinances adopted by Zone 7, which are amended from time to time by Zone 7.

In addition to the District water capacity reserve fee and the Zone 7 Connection fee described above, for property located in Contra Costa County that connect to the District's potable water supply facilities through a new or larger meter, a Facility Use fee shall also be paid in the amount established by Resolutions or ordinances adopted by Zone 7, which are amended from time to time by Zone 7.

For property located in Contra Costa County that connect to the District's potable water supply facilities through a new or larger meter, a 1.0% surcharge shall be added to the sum of the Zone 7 Connection and Facility Use fees in accordance with the Areawide Facilities Agreements of April 30, 1998 between the District and Windemere and Shapell.

3. The minimum charge for reserving capacity in and for connecting to the District's water supply facilities shall be the amount specified above for a 5/8-inch water meter per connection. An additional amount or amounts shall be added when the incremental costs of providing water service to the property for which application for connection is made exceed the revenues that would be derived from the connection based on the minimum water capacity reserve fee. The District Engineer, using standard marginal cost-pricing techniques, shall determine any additional water capacity reserve fee payments required under the circumstances described in the preceding sentence.

4. The water capacity reserve fee for reserving capacity in and for connecting to the District's recycled water supply facilities shall be determined using the methodology described above under the heading "District Water Capacity Reserve Fees," based on the capacity factor of the meter size and type commensurate with the flow rate needed to meet the average hourly irrigation demand during the month of maximum demand (determined in comparison with a 5/8-inch meter currently rated at 10 gallons per minute maximum continuous flow). Notwithstanding the foregoing, recycled water connections are not assessed in the Zone 7 Connection fee or the Zone 7 Facility Use fee.

RESOLUTION NO. 24-11

RESOLUTION OF THE BOARD OF DIRECTORS OF DUBLIN SAN RAMON SERVICES DISTRICT ESTABLISHING CAPACITY RESERVE FEES FOR NEW OR EXPANDED SERVICE FROM THE DISTRICT'S POTABLE AND RECYCLED WATER SUPPLY FACILITIES UNDER SECTIONS 3.70.010.A AND 3.70.010.B OF THE DISTRICT CODE AND AN IMPLEMENTATION PROGRAM

---

WHEREAS, Sections 3.70.010.A and 3.70.010.B of the District Code of Regulations ("District Code") allow the Board of Directors to establish water capacity reserve fees (formerly called "water connection fees") for the right to connect to and receive new or expanded service from the potable and recycled water supply facilities of the District, by ordinance or Resolution; and

WHEREAS, the purpose of water capacity reserve fees are to protect the public health, safety and general welfare by providing sufficient funding to enable the District to construct water supply facilities and improvements adequate to satisfy the water service needs of new development and to mitigate the effects of the connections made by new development upon the District's existing water supply facilities and improvements; and

WHEREAS, the Report entitled *Development of the District's Water Capacity Reserve Fees* ("Report") prepared by HDR Engineering, Inc., in March 2011 updates the capital costs of the Dublin San Ramon Services District water system based on the best engineering and financial information available and allocates them appropriately to new development; and

WHEREAS, after careful consideration of the impacts of rates and charges on the District's customers and various alternative approaches with respect to geographic considerations such as distinguishing among customers based on elevation or pressure zone, distance from various facilities, or the jurisdiction in which they are located, the Board of Directors made a policy decision to adopt a simplified structure for the rates and charges for providing water and wastewater service, recognizing that the District designs and operates the water system and the wastewater collection system, respectively, as a integrated systems to serve all customers; and

WHEREAS, the Report recommends the use of a single unified water capacity

reserve fee for all customers in the District rather than drawing distinctions based on considerations such as the pressure zone and the county in which the water meter is to be installed in recognition that this so-called "postage stamp" approach conforms to the standard of the industry, and is widely used and generally accepted approach to establishing such fees, has been repeatedly affirmed by California law, and in light of the fact that the District designs and operates the water system as a single integrated system to serve all customers; and

WHEREAS, the Board of Directors of Dublin San Ramon Services District desires to establish new water capacity reserve fees based on the information and analysis found in the Report; and

WHEREAS, subject to District Code Section 1.60.030, Water Capacity Reserve Fees, the water capacity reserve fees collected pursuant to this Resolution shall be used only to pay for water supply facilities and improvements, including specified portions of the costs of financing such facilities and improvements, serving the functions of those facilities and improvements identified in the Report; and

WHEREAS, there is a reasonable relationship between the types of development on which the water capacity reserve fees are imposed, the proposed use of the water capacity reserves fees, and the need for the facilities and improvements; and

WHEREAS, a water supply system with adequate source, transmission, distribution, and storage capacity to meet anticipated demands is necessary to protect the public health and safety of the residents of the District. Maintaining the adequacy of the water supply system in the face of growth and new development requires that the system be expanded and extended commensurate with, but in advance of completion of, new development; and

WHEREAS, there is a reasonable relationship between the amount of the water capacity reserve fees and the cost of the water supply facilities and improvements the need for which is attributable to the developments against which the water capacity reserve fees are imposed; and

WHEREAS, the water capacity reserve fees as proposed in the Report and as set forth herein do not exceed the estimated reasonable cost of providing the service for which they are imposed, measured by the capital costs of the facilities and improvements,

including specified portions of the costs of financing such facilities and improvements, the need for which is attributable to new development; and

WHEREAS, the estimated reasonable cost of the facilities and improvements, including specified portions of the costs of financing such facilities and improvements, to be paid for by water capacity reserve fees are shown in the Report; and

WHEREAS, the Engineering News Record (ENR) Construction Cost Index, San Francisco Area, provides an appropriate and accurate measure of the increases in capital costs of water supply facilities and improvements of the sort used to calculate the amount of the District's water capacity reserve fees, and the Board therefore adopts said Construction Cost Index as the index for measuring increases in the cost of such facilities and improvements for the purpose of future automatic adjustments to the water capacity reserve fees; and

WHEREAS, the water capacity reserve fees currently in effect were enacted by Ordinance No. 314, and Ordinance No. 314 will be repealed by Ordinance No. 328, which by its terms, shall become effective upon the date that the water capacity fees established by the adoption of this Resolution become operative, except as provided otherwise in this Resolution; and

WHEREAS, in Resolution No. 47-10 enacted on November 2, 2010, the Board found that the unprecedented severe reduction in economic development comprised special circumstances that warrant the suspension of then Section 3.6.02 (now Section 3.60.020) so as to avoid the forfeiture of water and sewer capacity rights purchased after June 30, 2004 that had expired or would expire on or before June 30, 2011; and

WHEREAS, Resolution No. 47-10 created the "Economic Stimulus Water Capacity Rights Extension Program" ("Program"), based on those findings and on the contemplated approval of the water capacity reserve fees as a two-step increase effective in December 2010 and January 2011; and

WHEREAS, on January 4, 2011 the Board enacted Resolution No. 3-11 rescinding Resolution No. 47-10 because the new water capacity reserve fees were not enacted as contemplated; and

WHEREAS, in response to the unprecedented severe reduction in economic development, the District desires to phase in the water capacity reserve fees established

by this Resolution, and to provide a limited exception to the expiration of water and wastewater capacity rights pursuant to section 3.60.020 of the District Code, to the extent and in the manner set forth in Exhibits "A" and "B"; and

WHEREAS, the water capacity reserve fees established by this Resolution, and the implementation program created by this Resolution to address the unprecedented severe reduction in economic development, together comprise a single indivisible program that cannot be divided or carried out in part without defeating the public purposes that underlie the adoption of this Resolution.

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 Board finds and determines that all of the recitals herein are true and correct.

2. All capacity reserve fees for meters greater than 5/8-inch as set forth in Exhibits "A" and "B" are established in proportion to the 5/8-inch water capacity reserve fee based on maximum continuous flow rate capacity through a 5/8-inch water meter, as defined by AWWA. Flow ratings for displacement type meters are currently defined by AWWA C700 Standard for Cold-Water Meters—Displacement Type, Bronze Main Case. Flow ratings for turbine type meters are currently defined by AWWA C701 for Cold Water Meters—Turbine Type, for Customer Service. Flow ratings for compound type meters are currently defined by AWWA C702 for Cold Water Meters—Compound Type.

3. At any time that there is a material change in the actual or estimated costs of facilities identified in the Report, the Financial Services Manager shall review the water capacity reserve fees and determine whether the change affects the amount of the water capacity reserve fees. If the water capacity reserve fees are significantly affected, or if the water capacity reserve fees exceed the reasonable cost of providing service, the Financial Services Manager will recommend to the Board revised water capacity reserve fees for its consideration.

4. This Resolution is effective immediately, and the water capacity reserve fees authorized under Sections 3.70.010.A and 3.70.010.B of the Dublin San Ramon Services District Code in the respective amounts set forth in Exhibits "A" and "B" are hereby

established, and such water capacity reserve fees shall become operative upon the date specified, and for the respective period specified, in Exhibits "A" and "B", and it is the Board's intent that, by its terms, Ordinance No. 328 shall become effective on the date specified in Exhibit "A" on which the water capacity reserve fees established by this Resolution first become operative, whereupon Ordinance No. 314 shall be repealed by Ordinance No. 328, except as provided otherwise in this Resolution.

5. Beginning on July 1, 2012 water capacity reserve fees shall be automatically adjusted so as to become operative each July 1 in the manner described in the remainder of this subparagraph without further Board action or review. The General Manager is authorized to adjust each of the components of the water capacity reserve fees, except for the debt component, by the percentage by which the most recent ENR Construction Cost Index for the San Francisco Bay Area available as of April 30 has increased in relation to the most recent corresponding Construction Cost Index as of the preceding April 30. The General Manager may round the water capacity reserve fee thus calculated to whole dollars and shall post the new water capacity reserve fee on the District's web site by May 31 of each year, and shall cause written documents to be prepared that show the updated charges and the inclusive dates those charges shall be operative, and shall direct that each person inquiring about this Resolution or water capacity reserve fees receive both a correct copy of this Resolution and the document setting forth the amount of the water capacity reserve fees.

6. All provisions of this Resolution are essential to the public purposes that underlie the adoption of this Resolution. Therefore, in the event that any section, sub-section, sentence, clause or phrase of this Resolution, the water capacity reserve fees established by this Resolution, or the implementation program created by this Resolution, or any or all of them, shall be adjudged or declared unconstitutional, illegal, and/or invalid by a court of competent jurisdiction, all other sections, sub-sections, sentences, clauses, or phrases hereof not so adjudged or declared unconstitutional, illegal, and/or invalid shall nonetheless become inoperative and of no force and effect, and the Resolution shall be treated as if it had never been adopted, whereupon Ordinance No. 328 shall be deemed inoperative, including the provisions thereof that would otherwise repeal Ordinance No. 314.

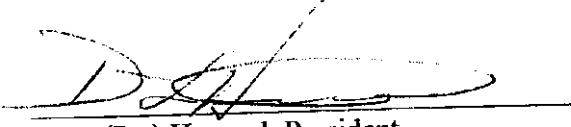
Res. No. 24-11

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 7th day of June 2011, and passed by the following vote:

AYES: 5 - Directors Richard M. Halket, Georgean M. Vonheeder-Leopold, Dawn L. Benson, Daniel J. Scannell, D.L. (Pat) Howard

NOES: 0

ABSENT: 0



D. L. (Pat) Howard, President

ATTEST: Nancy Gamble Hatfield  
Nancy Gamble Hatfield, District Secretary



**Dublin San Ramon  
Services District**

*Water, wastewater, recycled water*

## FINAL REPORT



**Water Capacity Reserve Fee**  
**May 2016**



May 23, 2016

Mr. John Archer  
Administrative Services Manager  
Dublin San Ramon Services District  
7051 Dublin Blvd  
Dublin, CA 94583

**Subject: Final Water Capacity Reserve Fee Report**

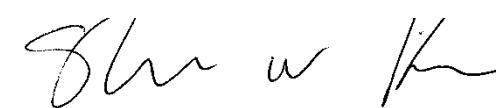
Dear Mr. Archer:

HDR Engineering, Inc. (HDR) was retained by the Dublin San Ramon Services District (District) to update the water capacity reserve fees for the District's water system. As a note, the calculated water capacity reserve fee for the District is in addition to the connection fee for Alameda County Water Conservation and Flood Control District, Zone 7 where applicable. Enclosed please find HDR's final report on this topic. The conclusions and recommendations contained within this report should enable the District to implement cost-based water capacity reserve fees that meet the District's objectives for their water system.

This report has been prepared using "generally accepted" financial and engineering principles. The District's financial, budgeting and engineering data were the primary sources for much of the data contained in this report. This report was developed with significant participation and input by District management and staff. Prior to adoption of the proposed water capacity reserve fees, HDR recommends that the District have its legal counsel review the report to ensure compliance with California law.

HDR appreciates the opportunity to assist the District in this matter. We also would like to thank you and your staff for assistance provided to us. If you have any questions, please call.

Sincerely,  
HDR Engineering, Inc.



Shawn Koorn  
Associate Vice President



# Table of Contents

---

## 1 Introduction

1.1	Introduction .....	1
1.2	Organization of Report .....	1
1.3	Disclaimer.....	2

## 2 Overview of Capacity Reserve Fees

2.1	Introduction .....	3
2.2	Defining Capacity Reserve Fees .....	3
2.3	Economic Theory and Capacity Reserve Fees.....	3
2.4	Capacity Reserve Fee Criteria .....	4
2.5	Overview of the Capacity Reserve Fee Methodology .....	6
2.6	Summary .....	8

## 3 Legal Considerations for Capital Reserve Fees

3.1	Introduction .....	9
3.2	Requirements under California Law .....	9
3.3	Proposition 218 and 26 and Capacity Reserve Fees .....	10
3.4	Summary .....	11

## 4 Determination of the Capacity Reserve Fee

4.1	Introduction .....	12
4.2	Overview of the District's Water System.....	12
4.3	Present Water Capacity Reserve Fees .....	14
4.4	Calculation of the District's Water Capacity Reserve Fee .....	14
4.5	System Planning Criteria .....	14
4.6	Dwelling Unit Equivalents .....	15
4.7	Calculation of the Capacity Reserve Fee.....	17
4.7.1	Buy-in Component.....	18
4.7.2	Expansion Component .....	19
4.7.3	Debt Service Component .....	20
4.8	Summary of the Capacity Reserve Fee by Component .....	22
4.8.1	Source .....	22
4.8.2	Pumping Stations.....	22
4.8.3	Reservoirs .....	23
4.8.4	Transmission/Distribution System .....	23
4.8.5	Debt Service.....	23

4.9	Allowable Water Capacity Reserve Fees.....	23
4.10	Key Assumptions.....	25
4.11	Implementation of the Water Capacity Reserve Fees.....	25
4.12	Compliance with the Rational Nexus Test .....	26
4.13	Consultant Recommendations .....	28
4.14	Summary .....	29

## 5 Technical Appendix

# 1 Introduction

## 1.1 Introduction

HDR Engineering, Inc. (HDR) was retained by the Dublin San Ramon Services District (District) to review and update its water capacity reserve fees (CRF). The objective of this study is to calculate cost-based water capacity reserve fees for new customers connecting to, or expanded connection (increased meter size), to the District's water system. The fee calculated for the District is in addition to the connection fee charged by Alameda County Water Conservation and Flood control District, Zone 7 (Zone 7).

Water capacity reserve fees provide the means of balancing the cost requirements for new utility infrastructure between existing customers and new customers. The portion of existing infrastructure and future capital improvements that will provide service (capacity) to new customers is included in the capacity reserve fees. In contrast to this, the District has future capital improvement projects that are related to renewal and replacement of existing infrastructure in service. These future renewal and replacement project costs are typically included within the rates charged to the District's customers, and are not included within the calculation of the capacity reserve fee.

*"The objective of this study is to calculate cost-based water capacity reserve fees for new customers connecting to the District's distribution system."*

The District has invested significant funds to build the majority of the system therefore many of the future connections will benefit from assets already in place. For purposes of this study, the component of the capacity reserve fee associated with existing infrastructure is referred to as the "buy-in component" the component of the capacity reserve fee associated with future capital costs is referred to as the "expansion component". District debt which was used to finance expansion facilities is referred to as the "debt service component". By establishing cost-based water capacity reserve fees, the District will take a position of having "growth pays for growth" and existing utility customers should, for the most part, be sheltered from the financial impacts of growth.

## 1.2 Organization of Report

This report documents the methodology, approach and technical analysis undertaken by HDR and the District to develop the District's water capacity reserve fees. The report is divided into four sections. Section 1 provides a brief introduction and overview of the study. Given this brief introduction, Section 2 provides an overview of capacity reserve fees and the criteria and general methodology that should be used to calculate and establish cost-based capacity reserve fees. Next, Section 3 provides an overview of the requirements under California law for determining capacity reserve fees. Finally, Section 4 reviews the District specific calculations of the cost-based water capacity reserve fees and provides a summary of the analyses and the "allowable" capacity reserve fees.

### 1.3 Disclaimer

HDR, in its calculation of the water capacity reserve fees presented in this report, has used “generally accepted” engineering and ratemaking principles. This should not be construed as a legal opinion with respect to California law. District recommends that the District have its legal counsel review the capacity reserve fees as set forth in this report to ensure compliance with California law.

*“By establishing cost-based capacity reserve fees, the District will take a position of having “growth pay for growth” and existing utility customers should, for the most part, be sheltered from the financial impacts of growth.”*

## 2 Overview of Capacity Reserve Fees

---

### 2.1 Introduction

An important starting point in establishing water capacity reserve fees is to have a basic understanding of the purpose of these fees, along with the criteria and general methodology that is used to establish cost-based capacity reserve fees. Presented in this section of the report is an overview of water capacity reserve fees and the criteria and general methodology that is used to develop cost-based water capacity reserve fees.

### 2.2 Defining Capacity Reserve Fees

The first step in establishing cost-based water capacity reserve fees is to gain a better understanding of the definition of a system development charge (SDC) or capacity reserve fee. For the purposes of this report, an SDC or CRF is defined as follows:

*“System development charges (capacity reserve fees) are one-time charges paid by new development to finance construction of public facilities needed to serve them.”<sup>1</sup>*

Simply stated, SDCs are a contribution of capital to either reimburse current customers for the available capacity in the existing system, or help finance planned future growth-related capacity improvements. At some utilities, capacity reserve fees may be referred to as system development charges, impact fees, infrastructure investment fees, etc. Regardless of the label used to identify them, their objective is the same. That is, these charges are intended to provide funds to the utility to finance all or a part of the capital improvements needed to serve and accommodate new customer growth. Absent those fees, many utilities would likely be unwilling to build growth-related facilities (i.e., burden existing rate payers with the entire cost of growth-related capacity expansion).

### 2.3 Economic Theory and Capacity Reserve Fees

Capacity reserve fees are generally imposed as a condition of service. The objective of a capacity reserve fee is not merely to generate funds for a utility, but to ensure that all customers seeking to connect to the utility's system bear an equitable share of the cost of excess capacity that current customers have invested in the existing system and any future growth-related expansions. Through the implementation of fair and equitable capacity reserve fees, current customers will not be unduly burdened with the cost of new development.

By establishing cost-based capacity reserve fees, the District will be taking an important step in providing adequate infrastructure to meet growth-related needs, and more importantly, providing this required infrastructure to new customers in a cost-based, fair, and equitable manner.

---

<sup>1</sup> Arthur C. Nelson, *System Development Charges for Water, Wastewater, and Stormwater Facilities*, Lewis Publishers, New York, 1995, p. 1.

## 2.4 Capacity Reserve Fee Criteria

In the determination and establishment of the water capacity reserve fees, a number of different criteria are often utilized. The criteria often used by utilities to establish capacity reserve fees are as follows:

- Customer understanding
- System planning criteria
- Financing criteria, and
- State/local laws

The component of customer understanding implies that the fee is easy to understand. This criterion has implications on the way that the fee is implemented and assessed to the customer. For water systems, the fee is generally based on the customer meter size providing service, or specific customer usage for meter sizes over 2-inches given the flow variability in these larger meter sizes. The other implication of this criterion is that the methodology is clear and concise in its calculation of the amount of infrastructure necessary to provide service.

*"The use of system planning criteria is one of the more important aspects in the determination of the capacity reserve fees. System planning criteria provide a "rational nexus" between the amount of infrastructure necessary to provide service and the fee to the customer."*

The use of system planning criteria is one of the more important aspects in the determination of the capacity reserve fees. System planning criteria provides a "rational nexus" between the amount of infrastructure necessary to provide service and the fees charged to the customer. In general terms, the rational nexus test requires that there be a connection (nexus) established between new development and the new or expanded facilities

required to accommodate new development, and appropriate apportionment of the cost to the new development in relation to benefits reasonably to be received.

The rational nexus test contemplates the following:

1. "A connection be established between new development and the new or expanded facilities required to accommodate such development. This establishes the rational basis of public policy.
2. Identification of the cost of these new or expanded facilities needed to accommodate new development. This establishes the burden to the public of providing new facilities to new development and the rational basis on which to hold new development accountable for such costs. This may be determined using the so-called Banberry factors. [Banberry Development Company v. South Jordan City (631 P.2d 899, Utah 1981)].

3. Appropriate apportionment of that cost to new development in relation to benefits it reasonably receives. This establishes the nexus between the fees being paid to finance new facilities that accommodate new development and benefit new development receives from such new facilities.”<sup>2</sup>

The first element of the rational nexus test contemplates the establishment of a rational basis for the policy being implemented through the fees. This implies that planning and capital improvement studies are used to establish the need for new facilities to accommodate anticipated growth. Adopted master plans or facility plans satisfy this first element since these plans assess existing facilities and capacity, project future capacity requirements, and determine the future capital infrastructure and new facilities needed to accommodate anticipated growth.

*“Adopted master plans or facility plans satisfy this first element since these plans assess existing facilities and capacity, project future capacity requirements and determine the future capital infrastructure and new facilities needed to accommodate growth.”*

The second element of the rational nexus test examines the seven Banberry factors the court used “...to determine the proportionate share of costs to be borne by new development:

- The cost of existing facilities
- The means by which existing facilities have been financed
- The extent to which new development has already contributed to the cost of providing existing excess capacity
- The extent to which existing development will, in the future, contribute to the cost of providing existing facilities used community wide or nonoccupants of new development
- The extent to which new development should receive credit for providing at its cost facilities the community has provided in the past without charge to other development in the service area
- Extraordinary costs incurred in serving new development
- The time-price differential inherent in fair comparisons of amount of the money paid at different times.”<sup>3</sup>

The final element of the rational nexus test is the reasonable apportionment of the cost to new development in relation to benefits it will reasonably receive. This is accomplished in the basic methodology to establish the capacity reserve fees, which is generally discussed within this section.

One of the driving forces behind establishing cost-based capacity reserve fees is that “growth pays for growth.” Therefore, capacity reserve fees are typically established as a means of having new customers pay an equitable share of the cost of their required infrastructure. The financing criteria for establishing capacity reserve fees relates to the method used to finance

<sup>2</sup> Ibid, p. 16 and 17. From a legal perspective, of course, the water capacity reserve fees are governed by Government Code section 66013 and California case law, not the *Banberry* case, which was decided in Utah.

<sup>3</sup> Ibid, P. 18 and 19.

infrastructure on the system and assures that customers are not paying twice for infrastructure – once through capacity reserve fees and again through rates. The financing criteria used in the calculation of the water capacity reserve fees assures that the customer is not charged for infrastructure that was provided (contributed) by developers, even though that is not a requirement under California law.

Many states and local communities have enacted laws which govern the calculation and imposition of capacity reserve fees. These laws must be followed in the development of the capacity reserve fees. Most statutes require a “reasonable relationship” between the fee charged and the cost associated with providing service capacity to the customer. The fees do not need to be mathematically exact, but must bear a reasonable relationship to the cost burden imposed. As discussed above, the utilization of the planning criteria and the actual costs of construction and the planned costs of construction establish compliance with the reasonable relationship requirement.

## 2.5 Overview of the Capacity Reserve Fee Methodology

There are “generally-accepted” methodologies that are used to establish capacity reserve fees. Nelson describes eight different methodologies that may be used to establish system development charges. “They include:

- Market capacity method
- Prototypical system method
- Growth-related cost allocation method
- Recoulement value method, also known as the buy-in method
- Replacement cost method
- Marginal cost method
- Average cost method
- Systemwide and growth-related cost-attribution method”<sup>4</sup>

As Nelson notes, each of these methods may have certain advantages and disadvantages and should be applied in a manner that reflects circumstances and conditions of the utility. As an example, a utility which has significant capacity in their existing system and can accommodate future growth would likely use the recoulement (buy-in) method. In contrast to this, a utility with no existing capacity which requires expansion of capacity to accommodate growth could potentially use the growth-related cost allocation method or the marginal cost method. For utilities that have some existing capacity available to serve a portion of new development, but must build additional capacity to serve all future development, the system wide and growth-related attribution method may be appropriate. In the case of the District, there is capacity available within the District’s existing system, but there is also the need for future facilities to

---

<sup>4</sup> Ibid., P. 71.

accommodate development through build out. Therefore the District's fees will be based on a combined approach of the buy-in and growth related cost allocation.

Regardless of the overall methodology selected, a common denominator of the technical analyses are the various steps undertaken. Within the "generally accepted" capacity reserve fee methodologies, there are a number of different steps undertaken. These steps are as follows:

- Determination of system planning criteria
- Determination of dwelling unit equivalents (DUEs)
- Calculation of system component costs
- Determination of any credits

The first step in establishing the water capacity reserve fees is the determination of the system planning criteria. This implies calculating the amount of water required by a single-family residential customer. For water systems, water demand per DUE is most often used, since this represents the basis for system design. For the District, a DUE is defined as a 5/8-inch meter equivalent. A 5/8-inch meter is typically used for residential connections. The American Water Works Association (AWWA) has a standardized method for determining meter equivalency for larger meter sizes.

Once the system planning criteria is determined, the number of dwelling unit equivalents or DUEs can be determined. For a water system, one reasonable and rational method to determine the number of DUEs is to divide the future land use based water demand by the average day usage per DUE. The land use based water demand is based on future land uses as defined in the local General Plans and historical and current water demands per land use type. This provides the linkage between the amounts of infrastructure necessary to provide service to a set number of customers.

Once the number of DUEs has been determined, a component by component analysis is undertaken to determine the portion of the capacity reserve fee attributable to each component in dollars per DUE. The calculation of the component capacity reserve fee includes existing assets, planned future assets, and the debt issued to pay for historical assets.<sup>5</sup> Existing assets are escalated to current dollars using a cost index (here, the Construction Cost Index for the San Francisco metropolitan area compiled by the Engineering News Record) and then depreciated using a simple straight-line method based on the useful life of each historical asset, respectively. Once the total costs of the existing and future infrastructure and debt service are determined, they are divided by the respective number of dwelling unit equivalents the infrastructure will serve to develop the cost per DUE for the specific infrastructure component.

---

<sup>5</sup> As is discussed in Section 3.2 below, California law also permits the inclusion of "supply or capacity contracts for rights or entitlements, real property interests, and entitlements and other rights of the local agency involving capital expense relating to its use of existing or new public facilities" in the calculation.

After each infrastructure component is analyzed and a cost per DUE is determined, the cost per DUE for each of the infrastructure components is added together to determine the “gross capacity reserve fee.” The last step in the calculation of the capacity reserve fee is the determination of any credits. This is generally a calculation to assure that customers are not paying twice – once through capacity reserve fees and again within the local water rates. However, it should be noted that since the debt service the District is currently paying was incurred for expansion projects only, except for the Temporary Infrastructure Charge (TIC) levied to address the absence of connection revenue sufficient to meet the debt service during fiscal years 2009 and 2010, no expansion related debt service is included within the District’s water rates, and thus it is not necessary to include this last step.<sup>6</sup> Additional discussion of the debt component and incorporation into the fee calculation is included later in this report.

## 2.6 Summary

This section of the report has provided an overview of water capacity reserve fees; the basis for establishing the fees, considerations in establishing water capacity reserve fees the burden development places on the system and the steps typically taken in the development of the technical analyses.

In the development of the District’s water capacity reserve fee study, the issues identified in this section of the report have been addressed and will be discussed in more detail in later sections of the report. The next section of the report provides a brief overview of the legal considerations in establishing capacity reserve fees, particularly as they relate to California law.

---

<sup>6</sup> The revenues generated by the TIC during those two fiscal years are treated as a loan to be repaid by new connections.

## 3 Legal Considerations for Capital Reserve Fees

### 3.1 Introduction

An important consideration in establishing capacity reserve fees is any legal requirements at the state or local level. The legal requirements often establish the methodology around which the capacity reserve fees must be calculated or how the funds must be used. Given that, it is important for the District to understand these legal requirements and develop and adopt their capacity reserve fees in compliance with those legal requirements. This section of the report provides an overview of the legal requirements for establishing capacity charges, or capacity reserve fees, under California law. A discussion of the applicability of Proposition 218 and Proposition 26, as it relates to capacity reserve fees, is also provided.

The discussion within this section of the report is intended to be a summary of the relevant California law as it relates to establishing capacity reserve fees. It in no way constitutes a legal interpretation of California law by HDR.

### 3.2 Requirements under California Law

In establishing capacity reserve fees, an important requirement is that they be developed and implemented in conformance with local laws. In particular, many states have established specific laws regarding the establishment, calculation and implementation of capacity reserve fees. The main objective of most state laws is to assure that these fees are established in such a manner that they are fair, equitable and cost-based. In other cases, state legislation may have been needed to provide the legislative powers to the utility to establish the fees.

*"The laws for the enactment of capacity reserve fees or connection fees in California are found in California Government Code sections 66013, 66016, and 66022 within the 'Mitigation Fee Act.'"*

The laws for the enactment of capacity reserve fees in California are codified in California Government Code sections 66013, 66016, and 66022, which are interspersed within the 'Mitigation Fee Act.' The Mitigation Fee Act is comprehensive legislation dealing mainly with development impact fees, although the above sections set forth the various requirements for imposition of capacity reserve fees in California: calculation of the fees, noticing, accounting and reporting requirements, and processes for judicial review.

A summary of the relevant statutes required in the calculation of capacity reserve fees is as follows:

*"66013 (a) Notwithstanding any other provision of law, when a local agency imposes fees for water connections or sewer connections, or imposes capacity charges, those fees or charges shall not exceed the estimated reasonable cost of providing the service for which the fee or charge is imposed, unless a question regarding the amount of the fee or charge imposed in excess of the estimated reasonable cost of*

*providing the services or materials is submitted to, and approved by, a popular vote of two-thirds of those electors voting on the issue.”*

*“66013 (b) (3) ‘Capacity charge’ means a charge for public facilities in existence at the time a charge is imposed or charges for new public facilities to be acquired or constructed in the future that are of proportional benefit to the person or property being charged, including supply or capacity contracts for rights or entitlements, real property interests, and entitlements and other rights of the local agency involving capital expense relating to its use of existing or new public facilities. A “capacity charge” does not include a commodity charge.”*

The District’s proposed water capacity reserve fees are “capacity charges” as defined in the preceding provision. In addition to the determination of “the estimated reasonable cost of providing the service for which the fee is imposed,” California law also requires the following:

- That notice (of the time and place of the meeting, including a general explanation of the matter to be considered) and a statement that certain data is available be mailed to those who filed a written request for such notice,
- That certain data (the estimated cost to provide the service and anticipated revenue sources) be made available to the public,
- An opportunity for public input at an open and public meeting to adopt or modify the fee, and
- That revenue in excess of actual cost be used to reduce the fee creating the excess.

The basic principle that needs to be followed under California law is that the charge be based on a proportionate share of the costs of the system required to provide service and that the requirements for adoptions and accounting be followed in compliance with California law.

### **3.3 Proposition 218 and 26 and Capacity Reserve Fees**

In 1996, the voters of California approved Proposition 218, which required that the imposition of certain fees and assessments by municipal governments require a vote of the people to change or increase the fee or assessment. Of interest in this particular study is the applicability of Proposition 218 to the establishment of capacity reserve fees for the District.

In *Richmond v. Shasta Community Services Dist.*, 32 Cal.4th 409 (2004), the California Supreme Court held that water connection fees and capacity charges are not “assessments” under Proposition 218 because they are imposed only on those who are voluntarily seeking water service, rather than being charged to particular identified parcels, and therefore such fees are not subject to the procedural or substantive requirements of Proposition 218. The court also held that such fees can properly be enacted by either ordinance or resolution.

In November 2010 the voters of California passed Proposition 26, an initiative based state constitutional amendment that provided a new definition of the term “tax” in the California Constitution. Under Proposition 26 a fee or charge imposed by a public agency is a tax unless it

meets one of seven exceptions. “Capacity fees” would be included within exceptions 1 and/or 2. These two exception note that the charge is:

- (1) “A charge imposed for a specific benefit conferred... directly to the payor that is not provided to those not charged, and which does not exceed the reasonable cost to the local government of conferring the benefit...,”
- (2) “A charge imposed for a specific government service... directly to the payor that is not provided to those not charged, and which does not exceed the reasonable cost to the local government of providing the service or product.”

In the case of the District’s water capacity reserve fee, the District does not charge one fee payer more in order to charge another fee payer less (i.e., a cross-subsidy), and it does not exceed the reasonable costs to the local government of providing the service. Given this, the fee is not a tax within the meaning of Proposition 26.

### 3.4 Summary

This section of the report has provided an overview of the legal requirements under California law for the establishment of capacity reserve fees. As was noted above, an important legal requirement is that the fees or charges shall not exceed the estimated reasonable cost of providing the service for which the fee or charge is imposed. The next section of the report provides the District’s calculation of the fees, which provides the basis for the establishment of a reasonable cost (i.e. capacity reserve fee).

## 4 Determination of the Capacity Reserve Fee

### 4.1 Introduction

This section of the report presents the details and key assumptions in the calculation of the District's water capacity reserve fee. The calculation of the District's water capacity reserve fees is based upon District specific accounting and planning information. Specifically, the calculated capacity reserve fees are based upon the District's fixed asset records; water system capital improvement plan, and planning data from the Potable Water Master Plan being completed concurrently by West Yost & Associates which includes the DERWA (recycled water) Model Update and System Evaluation by Carollo Engineers, along with the recently, District updated, projection of future DUEs . As was noted in Section 2 of this report, these planning documents and projections of future DUEs provide the required "*rationally based public policy*" support for the imposition of capacity reserve fees.

To the extent that the cost and timing of future capital improvements change, the water capacity reserve fees presented in this section of the report should be updated to reflect the changes. It should also be noted that the fee calculated for the District is in addition to the connection fee charged by Alameda County Water Conservation and Flood control District, Zone 7 (Zone 7). The fee calculated for the District is in addition to the connection fee charged by Alameda County Water Conservation and Flood control District, Zone 7 (Zone 7).

### 4.2 Overview of the District's Water System

The District is located in the Tri-Valley region of San Francisco's East Bay area. The Cities of Dublin and San Ramon, and the District's service area, is located at the crossroads of I-580 and I-680. Growth within the District's service area has historically been significant and as a result, over the years, has required the development of a number of capacity-related expansion projects to accommodate this growth.

The District's service area will be almost 28 square miles by future build out. The District owns and operates a potable water system as well as recycled water system. Historically, the District served their customers through a combination of ground and surface water sources. The District has the right to extract groundwater from the Main Basin located in the Dublin – Pleasanton Area and from the "fringe basin", located in the Camp Parks area. Due to groundwater quality issues, the fringe basin is not utilized. Under contract Zone 7 pumps the District's annual quota from the main basin with the balance of the District's potable water being received from Zone 7's Patterson Pass and Del Valle Water Treatment Plants via the Del Valle Livermore Transmission Main, the Cross-Valley Pipeline, and the Vineyard Pipeline. These lines currently provide water to the District, which the District then distributes and treats the water through water supply turnout facilities and an interim/backup water supply turnout facility. For emergency purposes the District maintains interties with EBMUD in San Ramon and the City of Pleasanton to the south.

The District is also a participant (along with East Bay Municipal Utility District) in the DSRSD/EBMUD Recycled Water Authority (DERWA), a joint powers authority formed in 1995 to plan, design, construct, own and operate various facilities which together will maximize the volume of recycled water deliveries while recovering its costs. The Authority began its operations on June 28, 1995. DERWA constructed a water recycling system, including treatment, conveyance, pumping and storage facilities which became operational on February 1, 2006. Capital costs, including debt service, are allocated based on each member's proportional share of capital assets. This study includes only those costs related to the Districts' proportional share of these assets and debt. In addition to DERWA the District has constructed and operates a recycled system for delivery of recycled water within the Dublin and San Ramon service areas. Costs related to projects that benefit only District customers are fully allocated to the cost of this service.

In past years, the District's water capacity reserve fee was different depending upon which County the connection would be in. Delivering water in Contra Costa County posed longer distances and in higher pressure zones created sufficient differences to support a separate fee. However, at this stage of the District's development, there is much more similarity in the two areas. For this reason, and because the District operates its water system as a single, pressurized, and integrated system, the District has viewed these capacity reserve fees as a single fee (\$/DUE), regardless of the location of the new development in the District's service area.

In order to adequately meet demands in the future, the District has implemented many capital projects, particularly since 2003, and plans to implement the majority of its remaining capital improvement program (CIP) projects over the course of the next ten years. This is an important observation since the District's methodology for calculating the water capacity reserve fee takes into consideration both the existing available capacity (existing infrastructure) and needed future capacity (expansion infrastructure) using the previously discussed "total cost attribute method."<sup>7</sup>

Future capital projects are defined in the master plans prepared periodically by the District. In general, the District completes a master plan on a 5 year basis unless there is some major event affecting the service infrastructure. Every two years the District prepares a ten year capital Improvement plan (CIP). In the CIP, capital projects are scheduled to meet the needs of future development based upon updated growth projections. The cost of future projects are updated in the CIP. The facility size is also updated in the CIP if there are any major changes provided in the master plan.

The District has established by Board policy that "Water is Water" i.e. all water, either potable or recycled, benefits all future customers equally. The cost of projects and DUEs, both potable and recycled, are combined to develop a single water capacity fee paid by each new connection to the system.

---

<sup>7</sup> See Section 2.5 for overview discussion

## 4.3 Present Water Capacity Reserve Fees

The District's existing water capacity reserve fee as of July 1, 2015 are shown below in Table 4 - 1.

**Table 4 - 1**  
**Present Water Capacity Reserve Fee**

Meter Size [1]	5/8" Equivalence	Effective July 1, 2015 [2] [3]
5/8"	1.0	\$12,407
3/4"	1.5	18,610
1"	2.5	31,015
1-1/2" (Displacement)	5.0	62,030
1-1/2" (OMNI C2)	16.0	198,512
1-1/2" (OMNI T2)	16.0	198,512
2" (Displacement)	8.0	99,248
2" (OMNI C2)	16.0	198,512
2" (OMNI T2)	20.0	248,140

[1] Meters 3" and up are determined by DSRSD based on Maximum Rate for Continuous Operation through a 5/8" meter, as defined by the American Water Works Association (AWWA).

[2] Recycled water capacity reserve fees are equivalent to potable water fees.

[3] DSRSD fees are revised annually on July 1 based on changes in the Engineering News Record (ENR) Construction Cost Index and are subject to change at other times.

As shown, the District's current charge is based on the safe operating capacity of a 5/8-inch meter (or 1 DUE) as compared with the respective safe operating capacities of other meter sizes. The District Engineer may adjust the Capacity Factor set forth in the preceding table based on revisions to the AWWA publications described below or other new empirical data regarding the respective flow rating for any of the meters described therein.

## 4.4 Calculation of the District's Water Capacity Reserve Fee

As was discussed in Section 2, the process of calculating capacity reserve fees is based upon a four-step process. These steps were as follows:

- Determination of system planning criteria
- Determination of dwelling unit equivalents (DUEs)
- Calculation of the capacity reserve fee for system component costs
- Determination of any capacity reserve fee credits

Each of these areas is discussed in more detail below.

## 4.5 System Planning Criteria

System planning criteria typically involves calculating the amount of water required by a single-family residential customer (hence the term "Dwelling Unit Equivalent" or "DUE"). Water

demand per DUE represents the basis for system design. The District prepared an analysis to project future water demand and associated DUEs for the water master plan and this study. The analysis conducted by the District indicated the average day demand for a residential customer was 330 gallons day/DUE.

Expansion related capital projects represent approximately \$55 million in spending over the planning period. Of the total capital projects, \$6 million are related to 2016 work already in progress (called 'Construction Work-in-Progress' or CWIP) and approximately \$39 million in master plan identified projects. Another large portion of the capital projects is the Alternative Water Study - or Potable Reuse Study - which is approximately \$10 million based on 25% (the portion related to the expansion of the system capacity) of the total project cost which is estimated at \$40 million.

The expansion related capital improvement program was developed in order to meet the objectives of the Water Supply and Conservation Policy, adopted by the District Board of Directors on October 20, 2015. This program will focus on diversifying the sources of water supply so that no less than 60% of total demand (potable and recycled) is satisfied by local and regional water supplies. Additionally, no more than 40% of total water supply (potable and recycled) comes from any one physical source. The program will also fund the most feasible potable reuse projects outlined in the District's Long-Term Water Supply Study. As noted previously, the \$40 million program will be funded 25% by the Water Expansion Fund and 75% by the Water Replacement Fund based on the ratio of current water demands to projected build-out water demands. The actual impact of this program will vary based on the funding arrangements with partner agencies as well as grant and loan opportunities. Funding scenarios for this program will be reviewed with the adoption of the next full budget and water rate study.

## 4.6 Dwelling Unit Equivalents

The current and projected number of dwelling units is important for the study in that certain costs may be proportionally assigned to existing or future DUEs. HDR and District staff worked in conjunction with West Yost & Associates who developed the Water Master Plan and Carollo Engineers who developed the DERWA (recycled water) Model Update to develop the projections of DUEs. The planning period utilized in the District's recently adopted Water Master Plan, adopted by the District Board on April 19, 2016, extended through 2035 which, is expected to be the year in which development anticipated within the District's service area would be completed (commonly referred to as "build out"). Therefore, the planning horizon of this water capacity reserve fee study is also through 2035.

As described above, to support this study, a projection of the number of new DUEs through 2035 was prepared by the District. The analysis developed by the District was very detailed in that it considered both the remaining available land area within the District's service area, as well as the type(s) of customers that may develop within a particular area. This approach to forecasting DUEs is far more reasonable and accurate than simply projecting future DUEs by

taking the existing number of DUEs and applying an assumed growth rate. It should also be noted that the development of the DUEs includes both potable and recycled water DUEs. Provided in Table 4 - 2 is a summary of the projected DUE's for 2015 through 2035 for both potable and recycled water.

**Table 4 - 2**  
**Potable and Recycled Water Dwelling Unit Equivalents (DUEs) Projection**

Year	Recycled Water DUEs [1]	Potable Water DUEs [1]	DUE Credits	Total DUEs [1]
2015	216	770	0	986
2016	216	475	(68)	623
2017	216	399	(70)	545
2018	216	358	(58)	517
2019	216	257	(24)	449
2020	216	296	(35)	477
2021	21	623	(35)	610
2022	21	1,147	(21)	1,147
2023	21	779	0	800
2024	21	692	0	713
2025	21	810	0	831
2026	21	532	0	553
2027	21	706	0	727
2028	21	760	0	781
2029	21	731	0	752
2030	21	332	0	353
2031	21	105	0	126
2032	21	28	0	49
2033	21	28	0	49
2034	21	28	0	49
2035	21	28	0	49
<b>Total</b>	<b>1,611</b>	<b>9,884</b>	<b>(310)</b>	<b>11,186</b>

[1] DUE figures contain decimals and rounding; totals may not equal the sum of the actual values

A summary of the projected total DUEs used in the development of the study are presented in Table 4 - 3. Details of the projected DUEs, by year, are provided on Exhibit 1 of the Technical Appendix.

**Table 4 - 3**  
**Water System Dwelling Unit Equivalents (DUEs)**

<b>Description</b>	<b>Dwelling Unit Equivalents (DUEs)</b>
Beginning Number of DUEs in 2006	25,910
Net additional DUEs 2006 - 2010	4,221
Net additional DUEs 2006 - 2010 + Future DUEs 2015 - 2035	15,407
Net additional DUEs 2011 - 2014	2,572
Net additional DUEs 2011-2035	13,758
Net additional DUEs 2006-2035	17,979
Net additional DUEs 2003-2035	26,576
Net Future DUEs 2015 - 2035	11,186
<b>Projected 2035 Total DUEs (build out)</b>	<b>42,142</b>

As will be seen later in the capacity reserve fee analysis, the various DUE figures in Table 4 - 3 are key time frames for determining the appropriate number of DUEs to be applied to establish a reasonable and proportional allocation of costs per DUE. As an example, future CIP projects that provide expansion capacity will be divided by the future DUEs for 2015 – 2035 to determine a fee per DUE. The facilities to be built during that time frame benefit those specific customers. Another way to think about it is, absent the projected future customer growth from 2015 – 2035, the portion of the future facilities attributed to growth would not need to be built.

## 4.7 Calculation of the Capacity Reserve Fee

The next step of the analysis is to review each major functional infrastructure component in service and determine the capacity reserve fee for that component. In calculating the capacity reserve fees for the District, existing components, debt service for existing facilities, and planned future capital projects were included. The major components of the District's water system that were reviewed for purposes of calculating capacity reserve fees were as follows:

- Source
- Pump Stations
- Reservoirs
- Transmission/Distribution

For purposes of this study, the component of the capacity reserve fee associated with existing infrastructure is referred to as the “buy-in component,” the component of the capacity reserve fee associated with future capital projects is referred to as the “expansion component,” and the component of the capacity reserve fee associated with the debt service for existing facilities is referred to as the “debt service component.”

Although the debt service component is commonly accounted for as part of the buy-in component, for the purposes of this study it has been identified separately because it relates

solely to expansion projects. The District has a separate and distinct expansion fund to account for and track all expansion-related projects and their associated costs. Debt service incurred to finance those expansion projects is also accounted for within the expansion fund, with the exception of the case where a project may have some portion related to replacement. Only that portion of the project that provides expansion capacity is included in the expansion fund. The District's clear segregation of costs, through its internal financial practices, between expansion and replacement avoids the need to split costs between expansion and replacement within the capacity reserve fee study.

#### 4.7.1 Buy-in Component

To calculate the value of the existing assets for the buy-in component, the District's methodology considered the original cost of each asset as provided in the District's asset records. The original cost of the asset was then adjusted to reflect replacement cost. The replacement cost of each asset was then depreciated for the remaining useful life (i.e. replacement cost less depreciation). A replacement cost method "is appropriate when the system has been completely built out, or possesses substantial excess capacity to accommodate new development on a fill-in basis..."<sup>8</sup>

The District provided an asset listing for the various existing components and their corresponding installation date. The original cost of each asset was escalated to current, 2015 dollars (2015\$), based on the San Francisco area Engineering News & Record (ENR) Construction Cost Index (CCI). Then, based on the installation date and an estimated useful life provided by the District for each asset, the escalated cost for each asset was depreciated.

Given the value of the asset, the next step was to determine the portion of the project costs that were deemed eligible to be included in the calculation of the capacity reserve fee. The term "Capacity reserve fee eligible" simply describes the amount of the asset to be included within the calculation of the fee. Within this study, contributed assets were not included in the capacity reserve fee calculation. In contrast to this, non-contributed assets were included as 100 percent (%) eligible. Given the value of the "capacity reserve fee eligible" assets, they were sum totaled for each system component and divided by the appropriate number of DUEs. The final value of the assets was reduced by the amount of future principal on the debt associated with the assets as the principal will be recovered via the debt component.

The District's last water capacity reserve fee study was completed in 2011. To appropriately, and equitably, reflect the costs of providing capacity to new customers the buy-in component has been divided into three categories: 1) assets built prior to 2006, 2) assets built between 2006 and 2010, and 3) assets built between 2011 and 2015. This differentiation was made to reflect the proper allocation of costs to those connections (DUEs) during each time period. These time periods were also used to establish the appropriate amount of DUEs used to reflect

---

<sup>8</sup> Arthur C. Nelson, System Development Charges for Water, Wastewater, and Stormwater Facilities, Lewis Publishers, New York, 1995, P. 77

the proper allocation of outstanding debt to finance the improvements during those periods that can be served by those improvements.

For the assets built prior to 2006, the capacity reserve fee eligible value was divided by the total DUEs projected at build out (42,142 EDUs). This is the same calculation as in the 2011 study.

For projects built between 2006 and 2010, a slightly different approach was used. The assets built between 2006 and 2010 were included as “future” projects in the District’s 2006 Water Capacity Reserve Fee Report. These projects were considered to be exclusively expansion related. As a result, the total value of the assets built between 2006 and 2010 were divided by the total new DUEs between 2006 and 2010, plus the future DUEs through build out (2015 to 2035). The District believes this is the most equitable and proportional method for these particular costs since it assigns those expansion costs over the appropriate time period related DUEs.

Lastly, the capital projects built between 2011 and 2015 were divided by the net additional DUEs from 2011 to build out in 2035.

As will be described below, the remaining principal portion of the debt associated with the assets built between 2003 and 2015 was deducted from the total eligible asset value prior to calculating the capacity reserve fee. This debt credit is then added back to the calculation as a separate component of the reserve capacity fee to reflect the costs of funding improvements through long-term debt.

#### **4.7.2 Expansion Component**

To determine the expansion component, the District’s future capital improvement needs were reviewed to determine what portion of planned future projects is required to serve future growth. The growth related portion of each project was summed to determine the total eligible future project value, which was then divided by projected DUEs through build out (11,186) [2015 – 2035]. This approach is equitable and proportional in that these facilities will be built to serve the customers connecting during this time. As noted previously, the District closely examined their CIP in order to identify the percent (%) growth related in order to calculate the expansion component.

It is projected that the District will invest approximately \$55 million over the planning period. Of that total, \$6 million is construction work-in-progress currently being worked on in 2016. The vast majority of projects, approximately \$39 million, were identified in the 2016 Water Master Plan by West Yost & Associates. It is also important to note the \$10 million Alternative Water Study (Potable Reuse Study) which is 25% - the proportion related to growth - of the total project cost which is estimated at \$40 million.

#### 4.7.3 Debt Service Component

In addition to the buy-in and expansion fee components, a third fee component, debt service, was also determined. This component accounts for the principal and interest on existing assets that were built to accommodate future expansion. The debt service component was calculated separately due to the manner in which the District collects capacity reserve fees and allocates those funds. As previously described, the District's existing debt was incurred to pay for expansion projects; therefore, the District pays its debt service with revenues from the expansion fund (i.e., through the capacity reserve fee revenues). By segregating the debt service out, the cost can be clearly identified and calculated appropriately. To avoid double-counting of the assets financed with debt, the future principal associated with those assets was deducted from the existing infrastructure calculation before the buy-in component was calculated. Refer to Exhibits 7 and 8 in the Technical Appendix for additional information.

In developing the debt service component, the debt issues which are related to expansion were individually analyzed by the District. In general terms, each debt issue was analyzed from the date of issuance and then divided by the number of DUEs to build out. In viewing debt service in this manner, the debt service for each debt issue is equitably assigned over the total number of DUEs related to the particular debt issuance. Debt payments between 2003 and 2011 were not supported by a capacity fee that included the cost of the debt payment. During the 2011 study discussions with the development community resulted in an agreement, with the development community, that the debt component of those payments must be paid by operations as no funds had been collected in the expansion fund for the payment of debt during the period of time. This study applies the same methodology as applied in the 2011 study.

Provided below in Table 4-4 is a summary of the debt service component followed by a brief overview of each of the debt issues and the method of determining the cost per DUE.

**Table 4 - 4**  
**Summary of the Debt Service Component**

Loan	Total Debt (P&I) \$/000s	DUEs [1]	Basis for DUEs	Total CRF \$/DUE
DERWA State Loan [2]	\$8,791,325	+	17,979	Net Add'l 2006-2035 = \$489
2011 Revenue Bond [3]				
- Water Reuse Loan	26,311,795	+	26,576	Net Add'l 2003-2035 = 990
- DERWA Commercial Paper	53,941,408	+	17,979	Net Add'l 2006-2035 = 3,000
Ratepayer Loan [4]	3,995,154	+	11,186	Net Future 2015 - 2035 = 357
WateReuse Loan	<u>7,103,875</u>	+	26,576	Net Add'l 2003 - 2035 = <u>267</u>
<b>Total Debt</b>	<b>\$100,143,557</b>			<b>\$5,288</b>
<b>Less: Working Capital [5]</b>	<b><u>(\$11,502,595)</u></b>			<b><u>(\$1,028)</u></b>
<b>Total Debt Service Component</b>	<b><u>\$88,640,962</u></b>			<b><u>\$4,075</u></b>

[1] See Exhibit 1 in Technical Appendix for details.

[2] Includes District's share (52.4%) of payments for FY 2016 - FY 2026. FY 2015 CAFR pg. 41.

[3] Includes payments for FY 2016 - FY 2042; FY 2015 CAFR pg. 41

[4] Balance as of FYE 2015; provided by District.

[5] Balance as of June 30, 2014, provided by District.

- DERWA State Loan - The DERWA JPA received two state loans with the majority of the funds received in 2005. The portion of the debt attributed to the District has been included in the debt component. This loan is a low-interest loan with a final payment in 2026. Costs have been allocated over the 17,979 DUEs remaining as of the beginning of FY 2006. This resulted in a cost of \$489/DUE.
- 2011 Water Bond - The District issued a bond in January 2011 in order to refinance two variable rate issuances, the WateReuse Loans and commercial paper issued by DERWA. The bond principal attributed to each of these initial debts, as well as the interest component and applicable costs, were allocated over the future DUEs based upon the original issuance date (26,576 DUEs was used for the WateReuse share and 17,979 DUEs was used for the commercial paper). These loans were refinanced for two reasons – 1) to stabilize the interest rates that became highly volatile after the market crash and 2) to extend the length of the loans due to the significant change in the time to build out. This resulted in a cost of \$3,990/DUE (\$990 WateReuse/DUE+ \$3,000 DERWA Commercial Paper = Total \$3,990).
- Ratepayer Loan Repayment - Due to market fluctuations, the District internally borrowed \$7.9 million of ratepayer monies via the Temporary Infrastructure Charge (TIC) in order to fund expansion related costs when no revenue was being received from capacity reserve fees. These are expansion-related debt service payments that would have been paid from capacity reserve fees had there been sufficient connections. This ratepayer loan is a zero interest loan that will be repaid in the future as expansion funds

are available and it has been allocated to the future (2015 – 2035) DUEs (11,186). This resulted in a cost of \$357/DUE.

- WateReuse Loan – This portion of the WateReuse loan was not a part of the 2006 fee calculation and therefore, the interest expense was not recouped from the fee. The District then paid off the loan when it was refinanced with reserve funds. This means that prior customers paying the capacity reserve fees were not reimbursed. The amount was \$7.1 million and that figure was divided by the total number of DUEs, both actual and projected from 2003 to 2035. This resulted in a total number of DUEs of 26,576 DUEs, which resulted in a cost of \$267 per DUE (\$7.1 million/26,576 DUEs).
- Working capital reflects the funds available in the District's expansion fund that have been funded through past reserve capacity fee revenues. Given this balance of funds, which can be used to fund future expansion related improvements, it is deducted to provide a credit against the available cash to fund future projects. Working Capital in the amount of \$11.5 million was deducted from the total debt resulting in a working capital credit of \$1,028.

Finally, since it is assumed that build out will occur in 2035, the interest on debt beyond 2035 was not included (i.e., because sufficient capacity reserve fee revenues would have been received by 2035 to fully pay off the debt).

In summary, when all expansion related debt issues are taken together, the total debt service component was determined to be \$4,075/DUE. Detailed worksheets of the calculation of the debt service component can be found in Exhibits 7 and 8 in the Technical Appendix.

## 4.8 Summary of the Capacity Reserve Fee by Component

A brief discussion of the water capacity reserve fee calculated for various infrastructure and debt service components is provided below.

### 4.8.1 Source

The District now receives all of its water from the Zone 7 Water Agency. The District's total cost for its potable water also includes fluoride treatment assets, as well as other miscellaneous source-related assets. The portion of the capacity reserve fee for source-related facilities is \$3,380 per DUE. Details of the calculation are provided in Exhibit 3 of the Technical Appendix.

### 4.8.2 Pumping Stations

The District currently has twenty pump station facilities. Future improvements are to provide pump station upgrades for increased capacity and reliability to serve growth. The portion of the capacity reserve fee for pump stations is \$1,408 per DUE, based on the cost of existing pump stations and the portion of future CIP projects related to expansion results. Details of this calculation are provided in Exhibit 4 of the Technical Appendix.

#### 4.8.3 Reservoirs

The District currently has 14 reservoirs with a capacity of approximately 27.05 million gallons (mg) for the potable system and for the recycled system, has 2 reservoirs with a capacity of approximately 1.95 mg. The District's capital improvement plan calls for construction of two (2) new storage facilities with additional capacity of over 2.4 mg. The portion of the capacity reserve fee for distribution storage is \$1,914 per DUE. Details of the calculation are provided in Exhibit 5 of the Technical Appendix.

#### 4.8.4 Transmission/Distribution System

The capacity reserve fee for existing transmission and distribution mains is \$1,330 per DUE. For future transmission and distribution assets, the portion of the capacity reserve fee is \$655 per DUE. This results in a total capacity reserve fee for transmission/distribution mains of \$1,985 per DUE. Details of the calculation are provided in Exhibit 6 of the Technical Appendix.

#### 4.8.5 Debt Service

The debt component of the capacity reserve fee is essentially made up of the interest on the District's existing debt obligations as previously described (the principal is backed out of the current assets). Debt was issued to finance assets, including recycled water treatment facilities, pump stations, storage reservoirs, and transmission and distribution lines. As described above, the portion of the capacity reserve fee for debt service is \$4,075. Details of the calculation are provided in Exhibits 7 and 8 of the Technical Appendix.

As previously described, the District's debt service is paid out of the expansion fund (i.e., only capacity reserve fees). Given that debt service is not included within the water rates, no debt service credit is required.<sup>9</sup>

### 4.9 Allowable Water Capacity Reserve Fees

Based on the sum of the component costs calculated above, the allowable water capacity reserve fee can be determined. "Allowable" refers to the concept that the calculated capacity reserve fee shown on Table 4 - 5 is the District's cost-based water capacity reserve fees. The District, as a matter of policy, may charge any amount up to the allowable capacity reserve fee, but not over that amount. Charging an amount greater than the allowable capacity reserve fee would not meet the nexus test of a cost-based capacity reserve fee. Details are provided in Exhibit 9a and 9b of the Technical Appendix.

---

<sup>9</sup> This potential debt service credit is different than the debt service credit noted in the discussion on the buy-in component. This debt service credit is to avoid having a customer pay for debt service within the water capacity fee and also within their water rates. As noted previously, all debt service is paid from the expansion fund and not from rates.

**Table 4 - 5**  
**Calculated Allowable Water Capacity Reserve Fees - \$/DUE**

Component	Buy-In	Expansion	Debt Service	Total CRF \$/DUE
Source	\$546	+	\$2,834	+
Pumping	1,395	+	13	+
Storage	539	+	1,376	+
Trans. & Distrib.	<u>1,330</u>	+	<u>655</u>	<u>1,229</u>
<b>Total Allowable Fee</b>	<b>\$3,809</b>	<b>+</b>	<b>\$4,878</b>	<b>+</b>
			<b>\$4,075</b>	<b>=</b>
				<b>\$12,763</b>

As can be seen in Table 4 - 5, the maximum allowable water capacity reserve fee is \$12,763 per DUE. From the calculated allowable capacity reserve fee, the fee is then placed in the context of the size and type of meter. The capacity reserve fee varies based upon the safe operating capacity of the customer's meter.

The District Engineer may adjust the Capacity Factor set forth in the Table 4-6 based on revisions to the AWWA publications described below or other new empirical data regarding the respective flow rating for any of the meters described therein.

Table 4 - 6 provides a summary of the calculated and allowable capacity reserve fee by meter type and size.

**Table 4 - 6**  
**Proposed Water Capacity Reserve Fee by Meter Type and Size**

Meter Type & Size [1]	5/8" Meter Equivalent (DUE)	Capacity Reserve Fee (CRF; \$/DUE) [2] [3]
5/8" (Displacement)	1.0	\$12,763
3/4" (Displacement)	1.5	19,145
1" (Displacement)	2.5	31,908
1-1/2" (Displacement)	5.0	63,815
1-1/2" (Compound - OMNI C2)	16.0	204,208
1-1/2" (Turbine - OMNI T2)	16.0	204,208
2" (Displacement)	8.0	102,104
2" (Compound - OMNI C2)	16.0	204,208
2" (Turbine - OMNI T2)	20.0	255,260

- [1] Meters 3" and up are determined by DSRSD based on Maximum Rate for Continuous Operation through a 5/8" meter, as defined by the American Water Works Association (AWWA).
- [2] Recycled water capacity reserve fees are equivalent to potable water fees.
- [3] DSRSD fees are revised annually on July 1 based on changes in the Engineering News Record (ENR) Construction Cost Index and are subject to change at other times.

For each customer seeking a new or expanded connection to the District's water supply facilities from and after July 1, 2016 through a meter larger than those shown in Table 4-6, the applicable water capacity reserve fee is established in the respective amount that is the product

of the appropriate capacity factor, determined as set forth in the following sentence, times the water capacity reserve fee for a 5/8-inch meter as set forth in the preceding table. The appropriate capacity factor shall be determined by the District Engineer as the quotient calculated by dividing the flow rating for the meter to be installed by the flow rating of a 5/8-inch displacement type meter, with the flow ratings for displacement type meters being defined by the then-current AWWA C700 Standard for Cold-Water Meters- Displacement Type, Metal Alloy Main Case, and the flow ratings for turbine type meters being defined by the then-current AWWA C701 for Cold Water Meters-Turbine Type, and the flow ratings for compound type meters being defined by AWWA C702 for Cold Water Meters—Compound Type. The District Engineer may adjust the capacity factors for the respective meters based on revisions to the AWWA publications described above or other new empirical data regarding the respective flow ratings. Any changes to the capacity factor will impact the above water capacity reserve fees.

## 4.10 Key Assumptions

In the development of the water capacity reserve fees for the District's water system, a number of key assumptions were utilized. These are as follows:

- The District's water system is a pressurized, integrated system with many redundancies for system reliability. Given that, the District has viewed its capacity reserve fee from a unified system perspective.
- The District's capacity reserve fees were developed on the basis of planning documents, anticipated future connections (stated in terms of DUEs) and the needed capital improvements to serve those future connections.
- District staff developed their projections of future DUEs based upon a detailed analysis of available land area and type of development.
- The District's asset records were used to determine the existing infrastructure assets.
- The District provided the most recent CIP for future expansion improvements.
- The District determined the portion of future improvements that were growth-related.
- The original cost of the assets financed with the DERWA State Loan and WaterReuse Loan, was deducted from the cost of the existing assets before the buy-in component was calculated to avoid double counting.
- The District's most recent master plan was completed in late 2015.
- The calculation of the debt service component included only current outstanding expansion related debt service. The District provided a review of each individual debt issue to determine an equitable assignment per DUE of expansion related debt service.
- No debt service credit was included because the District's debt service is only paid for with funds generated through capacity reserve fees.

## 4.11 Implementation of the Water Capacity Reserve Fees

The methodology used to calculate the water capacity reserve fees takes into account the cost of money or interest charges and inflation. Therefore, HDR recommends that the District adjust

the water capacity reserve fees each year by an escalation factor to reflect the cost of interest and inflation. The most frequently used source to escalate capacity reserve fees is the Engineering News Record Construction Cost Index (ENR CCI) which tracks changes in construction costs for municipal utility projects. This method of escalating the District's water capacity reserve fees should be used for no more than a four-year to five-year period. After this time period, it is recommended that the District update the charges based on the actual cost of infrastructure and any new planned facilities that would be contained in an updated master plan, capital improvement plan, or rate study.

To adjust the Water Capacity Reserve Fee in future years, the District will adjust the fees July 1, starting July 1, 2017, by the percentage increase in the most recent ENR Construction Cost Index for the San Francisco Bay Area as of April 30 in relation to the most recent corresponding Construction Cost Index available the preceding April 30.

#### **4.12 Compliance with the Rational Nexus Test**

In calculating the District's water capacity reserve fees, significant thought and consideration was given developing a fair and reasonable methodology that would meet the critical legal elements for capacity reserve fees. These critical elements were previously discussed in Section 2. In summary form, the three tests to comply with the rational nexus test for the calculated fees require the following:

- 1. *A connection should be established between new development and the new or expanded facilities required to accommodate such development. This establishes the rational basis of the public policy being implemented through the fees.***

In the development of this study, the District's capacity reserve fees were based upon District specific accounting and planning information. Specifically, the capacity reserve fees are based upon the District's fixed asset records; water system capital improvement plan and planning data from the master plan being developed concurrently by West Yost & Associates and updated projection of future DUEs. The use of this data and information was the "best available" and "reasonable" information and provides the required evidentiary support for a "rationally based public policy" to support the imposition of capacity reserve fees.

- 2. *Identification of the cost of these new or expanded facilities needed to accommodate new development. This establishes the burden to the public of providing new facilities to new development and the rational basis on which to hold new development accountable for such costs. This may be evaluated using the so-called Banberry factors, which are among the factors that help inform such decisions. Banberry states that under Utah law, "consideration must be given to seven factors to determine the proportionate share of costs to be borne by new development:***

- *The cost of existing facilities.*** The District's analysis considers the existing assets with a buy-in component. The assets are valued using a depreciated replacement cost value.

- ***The means by which existing facilities have been financed.*** The District's analysis considered the debt service component related to the expansion fund. The methodology provided a debt service credit for the principal related portion of the debt service. The debt service included only debt service payments through 2035 (i.e., build out).
- ***The extent to which new development has already contributed to the cost of providing existing excess capacity*** The District's methodology excluded all contributed capital from the calculation of the buy-in component of the capacity reserve fee, even though that is not a requirement under California law.
- ***The extent to which existing development will, in the future, contribute to the cost of providing existing facilities used community wide or nonoccupants of new development*** The District considers all future projects for the benefit of future expansion, for absent growth, the District's existing facilities are sufficient to serve existing District customers.
- ***The extent to which new development should receive credit for providing at its cost facilities the community has provided in the past without charge to other development in the service area.*** The District is not aware of any situation or condition to which this factor would apply. Accordingly, no credits have been included within the calculation of the District's capacity reserve fee for new development providing at its cost facilities the community has provided in the past without charge to other development in the service area.
- ***Extraordinary costs incurred in serving new development.*** No extraordinary costs are assumed to have been incurred in the past, nor are any extraordinary costs assumed to be incurred in the future and included within the calculation of the District's capacity reserve fee.
- ***The time-price differential inherent in fair comparisons of amount of money paid at different times.*** By using a depreciated replacement cost methodology for the buy-in component, the District has fully accounted for the age and remaining useful life of the facilities. The adjustment for the Engineering News Record appropriately takes into consideration the time-price differential as a customer connects to the system.

**3. Appropriate apportionment of that cost to new development in relation to benefits it reasonably receives. This establishes the nexus between the fees being paid to finance new facilities that accommodate new development and benefit new development receives from such new facilities.**

The District's methodology considered the value of existing and future assets to determine the fee. The value of those assets were divided by the number of DUEs that would be served by those assets. For example, expansion projects to be built between 2015 and 2035 were divided by the projected DUEs for 2015 – 2035.

Based upon the above, HDR is of the opinion that the District's calculated capacity reserve fee meets the rational nexus test. While different parties may agree or disagree on certain

assumptions or approaches, the overall test is a reasonableness relationship between the fee imposed and the benefit derived.

The other perspective to consider is the following finding by the Florida Supreme Court. The court ruled the fees were valid when they:

- “Do not exceed that which is reasonably required to fund expansion to benefit future capacity reserves
- Are needed to finance expansion that accommodates new development
- Are earmarked for expansion”<sup>10</sup>

For the District, the answer to each of these tests is “yes.” As calculated the proposed fees will be no greater than the calculated fees. The District’s calculated capacity reserve fees are needed to not only pay for existing debt on past expansion projects needed to serve growth, but also needed to fund future planned expansion projects. Finally, as this report has noted, the District has a separate and segregated expansion fund and all capacity reserve fees collected will remain in the expansion fund and be used to fund existing expansion related debt and future expansions.

Finally, and more to the point, put in terms of California law, the water capacity reserve fees recommended in this report do “not exceed the estimated reasonable cost of providing the service for which the fee is imposed.”

#### 4.13 Consultant Recommendations

Based on our review and analysis of the District’s water capacity reserve fees, HDR makes the following recommendations:

- The District should revise and update the water capacity reserve fees for new connection to, or those customers looking to expand current capacity on, the water system that are no greater than the capacity reserve fees as set forth in this report.
- The District should include within its resolution the provision for periodic (annual) adjustments to the capacity reserve fees based on changes in the Engineering News Record Construction Cost Index (ENR CCI).
- The District should update the actual calculations for the water capacity reserve fees based on the methodology as approved by the resolution or ordinance setting forth the methodology for capacity reserve fees at such time when a new capital improvement plan, public facilities plan, master plan or a comparable plan is approved or updated by the District.

---

<sup>10</sup> Florida Supreme Court, Contractors and Builders Association of Pinellas County v. City of Dunedin [329 So. 2<sup>nd</sup> 314 (Fla. 1976)]. From a legal perspective, of course, the water capacity reserve fees are governed by Government Code section 66013 and California case law, not the above case.

## 4.14 Summary

The water capacity reserve fee developed and presented in this section of the report is based on the engineering design criteria of the District's water system, the value of the existing assets, future capital improvements, current debt service on existing assets and "generally accepted" ratemaking principles. Adoption of the water capacity reserve fees will provide multiple benefits to the District and create equitable and cost-based charges for new customers connecting to the District's water system.



## 5 Technical Appendix

---

## DSRSD

## Capacity Reserve Fees Study

## DUE Projections

## Exhibit 1

Fiscal Year End	DUE Credits	Historical DUEs (1)	Cumulative DUEs (1)	Fiscal Year End	Projected DUEs (2)	DUE Credits (3)	Cumulative DUEs (1)
2002			15,566	2015	986	0	31,942
2003		3,588	19,154	2016	691	(68)	32,565
2004		2,426	21,580	2017	615	(70)	33,110
2005		2,583	24,163	2018	574	(58)	33,627
2006		1,747	25,910	2019	473	(24)	34,076
2007		1,544	27,454	2020	512	(35)	34,553
2008		890	28,344	2021	644	(35)	35,163
2009		30	28,374	2022	1,168	(21)	36,310
2010		10	28,384	2023	800	0	37,110
2011	(177)	1,928	30,135	2024	713	0	37,823
2012	(73)	249	30,311	2025	831	0	38,654
2013	(5)	321	30,627	2026	553	0	39,207
2014	(10)	340	30,956	2027	727	0	39,935
-----				2028	781	0	40,716
15,655				2029	752	0	41,467
-----				2030	353	0	41,821
-----				2031	126	0	41,947
-----				2032	49	0	41,995
-----				2033	49	0	42,044
-----				2034	49	0	42,093
-----				2035	49	0	42,142
<b>Summary Totals</b>							
Beginning # of DUEs in 2006				25,910	<b>Total DUEs 2015 - 2035</b>	<b>11,495</b>	<b>(310)</b>
Projected 2035 Total DUEs				42,142			
Net add'l DUEs 2006 - 2010				4,221	<b>Net Future DUEs 2015 - 2035 (4)</b>	<b>11,186</b>	
Net add'l DUEs 2006 - 2010 + Future DUEs 2015 - 2035				15,407			
Net add'l DUEs 2011 - 2014				2,572			
Net add'l DUEs 2011-2035				13,758			
Net add'l DUEs 2006-2035				17,979			
Net add'l DUEs 2003-2035				26,576			
Net Future DUEs 2015 - 2035				11,186			

**Notes:**

(1) Except where noted, data obtained From DSRSD's DUE Calculations for Fee Study WY Dec 2015

(2) Data obtained From DSRSD's "DUE Calculations for Fee Study WY Dec 2015"

(3) DUE credits represent DUEs that have already been sold, but not yet developed

(4) Calculated as the Projected DUEs minus the DUE Credits

**DSRSD****Capacity Reserve Fees Study****Capital Improvement Projects****Exhibit 2**

	[1]	Total 2015\$	CF Eligible [2]	Cost 2015\$
<b>Future Source Related Assets</b>				
Capital Improvements to Increase Water Supply, Phase 1		\$3,964,824	67%	\$2,656,432
Capital Improvements to Increase Water Supply, Phase 2 (Future Potable Reuse)		10,000,000	100%	10,000,000
Water System Master Plan & Operations Plan Update/Fee Study		1,700,000	100%	1,700,000
Urban Water Management Plan		1,000,000	10%	100,000
DERWA Supplemental Study		1,491,019	100%	1,491,019
Corp Yard & Admin. Facilities		1,851,727	30%	555,518
DERWA Recycled Water Plant - Phase 2		9,608,710	100%	9,608,710
DERWA Recycled Water Plant - Phase 3		1,650,820	100%	1,650,820
DERWA Recycled Water Plan Financing costs (SRF)		1,600,000	100%	1,600,000
Water Reuse Demonstration project		300,000	100%	300,000
Water Supply Reliability		500,000	35%	175,000
		<b>\$33,667,100</b>		<b>\$29,837,499</b>
<b>Future Reservoir</b>				
New Water Reservoir 10A		\$7,636,000	100%	\$7,636,000
New Water Reservoir 20B		7,753,000	100%	7,753,000
		<b>\$15,389,000</b>		<b>\$15,389,000</b>
<b>Future Transmission/Distribution</b>				
Water Main - Bollinger Canyon Rd to Reservoir 200B		\$824,256	100%	\$824,256
Water Main - Fallon Road, Tassajara Rd to Tassajara Creek		315,500	100%	315,500
Turnout 6		2,009,000	100%	2,009,000
Automated Water Meter Data Transmission System Program		360,000	80%	288,000
		<b>\$3,508,756</b>		<b>\$3,436,756</b>
<b>Total Future Capital Improvements</b>		<b>\$52,564,856</b>		<b>\$48,663,255</b>

**Notes:**

[1] - Capital Improvements from 2016 Master Plan Table 7-3 and other District input

[2] - District staff provided estimates on Capacity Reserve Fee related percentage

Year		Useful Life(1)	Original Cost (2)	ENR Factor (3)	Cost 2015\$	Depreciation Percent	CRF Eligible	CRF Eligible
<b>Existing Source Related Assets - Pre 2006</b>								
1965	MOTOR CONTROL CENTER	25	\$7,007	9.21	\$64,504	100%	100%	\$0
1965	MOTOR CONTROL CENTER	25	7,007	9.21	64,504	100%	100%	0
1976	INSTRUMENTATION & CABINET	15	26,205	3.59	94,066	100%	100%	0
1976	FLUORIDE PUMP CONTROL	10	9,827	3.59	35,274	100%	100%	0
1983	FIBERGLASS TANK - 3,500 GALLON	15	16,343	2.18	35,589	100%	100%	0
1983	FLUORIDE DAY TANK & SCALE	15	5,561	2.18	12,110	100%	100%	0
1983	WALL MOUNTED INSTRUMENTATION	10	7,804	2.18	16,993	100%	100%	0
1984	FLUORIDE DAY TANK & SCALE	15	5,447	2.21	12,034	100%	100%	0
1984	FLUORIDE ANALYZER	10	7,392	2.21	16,330	100%	100%	0
1985	CHLORINE ANALYZER	10	5,120	2.21	11,299	100%	100%	0
1985	MOTOR CONTROL PANELS	25	13,538	2.21	29,874	100%	100%	0
1995	RESIDUAL CHLORINE ANALYZER (WALL MOUNT)	10	6,039	1.70	10,271	100%	100%	0
1999	Radio Water Meter Reading	10	55,936	1.64	91,536	100%	100%	0
2000	Camp Parks Well land	LAND	938,000	1.50	1,404,870	0%	100%	1,404,870
2001	8" Invensys Meter W-3500	15	5,474	1.51	8,253	93%	100%	550
2001	8" Invensys Meter W-3500	15	5,474	1.51	8,253	93%	100%	550
2001	Unimag flow tube & transmitter	10	6,450	1.51	9,725	100%	100%	0
2001	Sensus Model W-5000 DR 10" Turbine Meter - Touch Read	15	7,525	1.51	11,346	93%	100%	756
2001	Unimag Magnetic Closed Pipe Flow Meter	25	8,395	1.51	12,656	56%	100%	5,569
2002	UV Modules	25	31,563	1.46	46,058	52%	100%	22,108
2002	UV Module	25	31,563	1.46	46,058	52%	100%	22,108
2002	UV Module	25	31,563	1.46	46,058	52%	100%	22,108
2005	2005 Source Projects (PS and Res 30)	15	166,541	1.32	219,532	67%	100%	73,177
<b>Total Existing Source Related Assets - Pre 2006</b>			<b>\$1,405,775</b>		<b>\$2,307,193</b>			<b>\$1,551,796</b>
<b>Projected 2035 Total DUEs</b>								<b>42,142</b>
<b>Existing Source Related, Pre-2006, Buy-in CRF (\$/DUE)</b>								<b>\$36.82</b>

Year		Useful Life(1)	Original Cost (2)	ENR Factor (3)	Cost 2015\$	Depreciation Percent	CRF Eligible	CRF Eligible
<b>Master Plan Projects for New Development - 2006-2010 (4)</b>								
2006	2006 Source Projects	25	\$121,085	1.22	\$148,289	36%	100%	\$94,905
2007	Refurbish Fluoride Sys @ Turnout 1,2& 4	25	411,634	1.22	502,836	32%	100%	341,929
2008	Dougherty Valley Emergency Intertie	25	56,124	1.14	64,004	28%	100%	46,083
2008	Integrated software system	14	225,845	1.14	257,555	50%	100%	128,777
2008	System turnout 1	50	117,483	1.14	133,978	14%	100%	115,221
2008	08-619c	5	10,613	1.14	12,103	100%	100%	0
2009	Field Operations Corporation Yard	LAND	4,794,000	1.15	5,500,563	0%	100%	5,500,563
2009	Net communication	10	66,282	1.15	76,051	60%	100%	30,421
2009	Turnout 5	50	52,968	1.15	60,775	12%	100%	53,482
2009	Data Warehouse/Business Intelligence	10	35,389	1.15	40,605	60%	100%	16,242
2009	District Office Roofing	10	13,735	1.15	15,759	60%	100%	6,304
2009	Ops Dept office config	10	11,643	1.15	13,359	60%	100%	5,344
2009	WWTP-Maintenance Building	100	941,390	1.15	1,080,137	6%	100%	1,015,328
2009	Derwa	35	186,832	1.15	214,368	17%	100%	177,619
2009	SCADA System Master Plan	14	322,226	1.15	369,717	43%	100%	211,267
2009	District Facilities Security Project	15	122,630	1.15	140,704	40%	100%	84,422
2009	District Office Improvements	10	58,690	1.15	67,340	60%	100%	26,936
2009	WAN Communications	14	42,808	1.15	49,117	43%	100%	28,067
2009	Supplemental Water Supply Evaluation	10	10,248	1.15	11,758	60%	100%	4,703
2009	RWTF Effluent Quality Improvements	20	(285,109)	1.15	(327,129)	30%	100%	(228,990)
2010	Maintenance Building Security	14	6,000	1.10	6,613	36%	100%	4,252
<b>DERWA(4)</b>								
2006	Program Planning	35	1,269,154	1.22	1,554,290	26%	100%	1,154,616
2006	Planning FY02 and Prior Years	35	1,757,090	1.22	2,151,849	26%	100%	1,598,516
2006	Design FY02 and Prior Years	35	42,727	1.22	52,326	26%	100%	38,871
2006	DERWA Program Planning	35	1,373,000	1.22	1,681,467	26%	100%	1,249,090
2008	Backbone Corrosion	15	\$121,410	1.14	\$138,457	47%	100%	\$73,844
2009	Fine Screening	25	189,422	1.15	217,340	24%	100%	165,178
<b>Total Existing Source Related Assets - 2006-2010</b>				\$12,075,319		\$14,234,231		\$11,942,988
<b>Credit for Existing Source Related Debt (5) see Exhibit 7</b>								
<b>Net Existing Source Related Assets - 2006-2010</b>								
<b>Net add'l DUEs 2006 - 2010 + Future DUEs 2015 - 2035</b>								
<b>Existing Source Related - 2006-2010, Buy-in CRF (\$/DUE)</b>								

Year	Useful Life(1)	Original Cost (2)	ENR Factor (3)	Cost 2015\$	Depreciation Percent	CRF Eligible	CRF Eligible
<b>Improvements After 6.30.10 - 6.30.15</b>							
2010 POWERNET UPGRADE V3.5 - PXS-PRPN2S	5	\$8,381	1.10	\$9,238	100%	100%	\$0
2011 60T TRANE COMPRESSOR 1C - HVAC DO	10	11,333	1.09	12,388	40%	100%	7,433
2011 DISTRICT OFFICE PARKING LOT	25	269,952	1.09	295,090	16%	100%	247,876
2011 DISTRICT OFFICE PARKING LOT - LIGHTING	15	59,736	1.09	65,298	27%	100%	47,885
2012 CISCO UNIFIED COMPUTING SYSTEM (UCS)	7	123,114	1.08	132,468	43%	100%	75,696
2013 CISCO NETWORK SECURITY	5	15,975	1.02	16,335	40%	100%	9,801
2013 BACKUP NETWORK STORAGE EX23TB (EX10000E APPLIANCE)	5	24,940	1.02	25,502	40%	100%	15,301
2013 NETWORK POWER UPGRADE	5	24,896	1.02	25,457	40%	100%	15,274
2013 DO HVAC AIR HANDLER BOX CAR UNIT	10	99,293	1.02	101,532	20%	100%	81,226
2014 CISCO UCS B200 M3 SERVERS FOR UNIFIED	5	17,857	1.02	18,261	20%	100%	14,609
2014 TOWER GATEWAY BASE STATIONS (3)	10	41,730	1.02	42,676	10%	100%	38,408
2014 ASSUREON NEXSAN SECURED 8TB STORAGE	7	32,264	1.02	32,995	14%	100%	28,282
2014 DISTRICT OFFICE HVAC UNITS (3)	10	53,942	1.02	55,165	10%	100%	49,649
2015 CISCO COMMUNICATION SYSTEM	10	489,552	1.00	489,552	0%	100%	489,552
2015 WWTP UNIFIED COMPUTING SYSTEM (CISCO)	7	75,724	1.00	75,724	0%	100%	75,724
<b>Total Existing Source Related Assets - 2011-2015</b>		<b>\$1,348,689</b>		<b>\$1,397,684</b>			<b>\$1,196,717</b>
Net add'l DUEs 2011-2035							13,758
Existing Source Related Assets, Built 2011-2015, Buy-in CRF (\$/DUE)							<b>\$86.99</b>
<b>Total Source Related Buy-in CRF (\$/DUE)</b>							<b>\$545.81</b>
<b>Construction Work in Progress 6.30.15 - 6.30.16</b>							
Water Sys Mstr Plan Update/Capacity Res				<b>\$381,523</b>		100%	\$381,523
Recycled Wtr Expan - Camp Parks Phs1				18,581		100%	18,581
Recycled Wtr Expan - State Grant Assist				26,796		100%	26,796
Wide Area Network Communications				42,808		100%	42,808
Impact of Corp Yard ( included as Future above)				4,648,273		30%	1,394,482
				<b>\$5,117,981</b>			<b>\$1,864,190</b>
Net Future DUEs 2015 - 2035							11,186
CWIP Source Related Assets, Built 2016, Buy-in CRF (\$/DUE)							<b>\$166.66</b>
<b>Future Source Related Assets</b>							
Capital Improvements to Increase Water Supply, Phase 1				\$3,964,824		67%	\$2,656,432
Capital Improvements to Increase Water Supply, Phase 2				10,000,000		100%	10,000,000
(Future Potable Reuse)							
Water System Master Plan & Operations Plan Update/Fee Study				1,700,000		100%	1,700,000
Urban Water Management Plan				1,000,000		10%	100,000
DERWA Supplemental Study				1,491,019		100%	1,491,019
Corp Yard & Admin. Facilities				1,851,727		30%	555,518
DERWA Recycled Water Plant - Phase 2				9,608,710		100%	9,608,710
DERWA Recycled Water Plant - Phase 3				1,650,820		100%	1,650,820
DERWA Recycled Water Plan Financing costs (SRF)				1,600,000		100%	1,600,000
Water Reuse Demonstration project				300,000		100%	300,000
Water Supply Reliability				500,000		35%	175,000
<b>Total Future Source Related Assets</b>				<b>\$33,667,100</b>			<b>\$29,837,499</b>
Net Future DUEs 2015 - 2035							11,186
Future Source Related Expansion CRF (\$/DUE)							<b>\$2,667.47</b>
<b>Total Future Source Related Expansion CRF (\$/DUE)</b>							<b>\$2,834.13</b>
<b>Total Source-Related Buy-in and Expansion CRF (\$/DUE)</b>							<b>\$3,379.93</b>

**Notes:**

- (1) Useful life provided by DSRSD.
- (2) Costs are Fund 620 (expansion) only
- (3) ENR factor is based on San Francisco CCI Index, current SF CCI ENR is 11,155
- (4) Assets built between 2006 and 2015 were built to accommodate future growth
- (5) The principal on debt and repayment of the Temporary Infrastructure Charge is subtracted here, as it is accounted for separately. See exhibit 7.

Year		Useful Life (1)	Original Cost (2)	ENR Factor (3)	Cost 2015\$	Depreciation Percent	CRF Eligible	CRF Eligible
<b>Existing Pump Station Assets, Pre-2006</b>								
1992	STORAGE LOCKERS AND SHELVING	25	\$6,341	1.77	\$11,237	92%	100%	\$899
1983	CATHODIC PROTECTION	25	9,235	2.18	20,110	100%	100%	0
1986	INTERIOR COATING	10	8,759	2.03	17,738	100%	100%	0
1985	MOTOR CONTROL BLDG	40	10,637	2.21	23,473	75%	100%	5,868
1985	PUMP STATION "B" (FENWICH)	40	10,753	2.21	23,729	75%	100%	5,932
1983	CATHODIC PROTECTION	25	13,240	2.18	28,830	100%	100%	0
1979	INTERIOR COATING	10	13,733	2.93	40,248	100%	100%	0
1986	CATHODIC PROTECTION	25	13,139	2.03	26,608	100%	100%	0
1996	PS2C IMPROVEMENTS	25	14,762	1.68	24,839	76%	100%	5,961
1979	INTERIOR COATING	10	16,480	2.93	48,299	100%	100%	0
1988	UTILITY BLDG REMODEL	15	22,248	1.95	43,279	100%	100%	0
1990	UTILITY BLDG REMODEL	15	24,293	1.84	44,750	100%	100%	0
1972	UTILITY BUILDING	40	25,603	4.92	126,019	100%	100%	0
1990	SEISMIC IMPROVEMENTS	25	56,378	1.84	103,855	100%	100%	0
1990	SEISMIC IMPROVEMENTS	25	131,550	1.84	242,328	100%	100%	0
1992	STORAGE BUILDING	25	156,989	1.77	278,199	92%	100%	22,256
1990	PUMP STATION 3A	25	178,219	1.84	328,298	100%	100%	0
2001	Water Pump Station 4B	40	559,853	1.51	844,052	35%	100%	548,634
2001	Water Pump Station 20A	40	1,038,746	1.51	1,566,047	35%	100%	1,017,930
1999	Wtr Main Pump Station	40	1,450,357	1.64	2,373,412	40%	100%	1,424,047
1996	FLOWAY PUMP	15	7,101	1.68	11,949	100%	100%	0
1996	FLOWAY PUMP	15	7,101	1.68	11,949	100%	100%	0
1996	FLOWAY PUMP	15	7,101	1.68	11,949	100%	100%	0
1990	PUMP 1	25	11,064	1.84	20,381	100%	100%	0
1990	PUMP 2	25	11,064	1.84	20,381	100%	100%	0
1990	PUMP 3	25	11,064	1.84	20,381	100%	100%	0
1979	PEERLESS PUMP #2	25	13,296	2.93	38,968	100%	100%	0
1985	PACO CENTRIFUGAL PUMPS	25	17,512	2.21	38,645	100%	100%	0
1985	PACO CENTRIFUGAL PUMPS	25	26,155	2.21	57,717	100%	100%	0
1992	PUMP	25	85,828	1.77	152,096	92%	100%	12,168
1992	PUMP	25	85,828	1.77	152,096	92%	100%	12,168
1992	PUMP	25	85,828	1.77	152,096	92%	100%	12,168
1999	Cummins-West 125kw generator/5 pump motors	25	105,833	1.64	173,189	64%	100%	62,348
2002	PS 30 Motor and Pump	25	1,200,000	1.46	1,751,083	52%	100%	840,520
2003	Zone 2	40	5,108,456	1.43	7,316,298	30%	100%	5,121,409
2003	PS 200 A	40	1,402,556	1.43	2,008,732	30%	100%	1,406,112
2003	PS 300 A	40	1,077,786	1.43	1,543,598	30%	100%	1,080,519
2003	30 A Fallon Rd	40	893,802	1.43	1,280,098	30%	100%	896,069
<b>Total Existing Pump Station Assets, Pre-2006</b>			<b>\$13,918,692</b>		<b>\$20,976,953</b>			<b>\$12,475,008</b>
<b>Projected 2035 Total DUEs</b>								<b>42,142</b>
<b>Existing Pump Station, Pre-2006, Buy-in CRF (\$/DUE)</b>								<b>\$296.03</b>

Year		Useful Life (1)	Original Cost (2)	ENR Factor (3)	Cost 2015\$	Depreciation Percent	CRF Eligible	CRF Eligible
<b>Master Plan Projects for New Development - Built 2006-2010 (4)</b>								
2006	PS 10 Camp Parks	40	\$1,629,000	1.22	\$1,994,982	23%	100%	\$1,546,111
2006	R20	40	578,484	1.22	708,450	23%	100%	549,049
2006	No. Dougherty Valley Z3 Potable Wtr Fac	40	955,000	1.22	1,169,556	23%	100%	906,406
2006	Recycled Water Pump Station R300	40	1,583,490	1.22	1,939,247	23%	100%	1,502,916
2007	Recycled Water Pump Station R300	40	83,681	1.22	102,222	20%	100%	81,777
2007	Water Pump Station 10 (Parks RFTA)	40	1,991,091	1.22	2,432,241	20%	100%	1,945,793
2008	Water Pump Station 20B	40	3,157,034	1.14	3,600,299	18%	100%	2,970,247
2009	PS 300B LAND	Land	167,260	1.15	191,912	0%	100%	191,912
2009	Water Pump Station 300B	40	3,375,247	1.15	3,872,707	15%	100%	3,291,801
2009	Water Pump Station 4 & Water Res 4	40	1,991,154	1.15	2,284,620	15%	100%	1,941,927
2009	PS 4 Land	Land	126,955	1.15	145,666	0%	100%	145,666
2009	Pump Station Impr in Pressure Zone 2 & 3	25	350,278	1.15	401,904	24%	100%	305,447
2009	Upgrade Water Pump Station 4B	25	146,506	1.15	168,099	24%	100%	127,755
2010	Pump Station 300B	40	175,000	1.10	192,893	13%	100%	168,782
<b>DERWA(4)</b>								
2006	Treatment Plant	35	8,948,843	1.22	10,959,347	26%	100%	8,141,230
2006	Pump Stations	40	6,772,195	1.22	8,293,680	23%	100%	6,427,602
<b>Total Existing Pump Station Assets, Built 2006-2010</b>				<b>\$32,031,218</b>	<b>\$38,457,824</b>		<b>\$30,244,419</b>	
<b>Credit for Existing Pump Station Related Debt (5) See Exhibit 7</b>								<b>(\$15,693,663)</b>
<b>Net Existing Pump Station Assets, Built 2006-2010</b>								<b>\$14,550,756</b>
<b>Net add'l DUEs 2006 - 2010 + Future DUEs 2015 - 2035</b>								<b>15,407</b>
<b>Existing Pump Station, Built 2006-2010, Buy-in CRF (\$/DUE)</b>								<b>\$944.44</b>
<b>Improvements After 6.30.10 - 6.30.15</b>								
2014	PUMP STATION 4B - BUILDING	50	\$937,674	1.02	\$958,927	2%	100%	\$939,748
2014	PUMP STATION 4B - ELECTRICAL	25	248,208	1.02	253,834	4%	100%	243,680
2014	PUMP STATION 4B - SCADA	7	27,579	1.02	28,204	14%	100%	24,175
2015	PUMP STATION #2C - MCC ELECTRICAL UPGRADES	25	291,491	1.00	291,491	0%	100%	291,491
2011	FLOWAY VERTICAL TURBINE PUMP	7	13,120	1.09	14,341	57%	100%	6,146
2011	FLOWAY VERTICAL TURBINE PUMP	15	12,824	1.09	14,018	27%	100%	10,280
2012	PUMP 1: FLOWAY VERTICAL TURBINE (PS1A)	25	14,763	1.08	15,885	12%	100%	13,978
2014	PUMP STATION 4B - PUMPS	25	606,730	1.02	620,482	4%	100%	595,663
<b>Total Existing Pump Station Assets, Built 2011-2015</b>				<b>\$2,152,388</b>	<b>\$2,197,181</b>		<b>\$2,125,162</b>	
<b>Net add'l DUEs 2011-2035</b>								<b>13,758</b>
<b>Existing Pump Station, Built 2011-2015, Buy-in CRF (\$/DUE)</b>								<b>\$154.47</b>

Year	Useful Life (1)	Original Cost (2)	ENR Factor (3)	Cost 2015\$	Depreciation Percent	CRF Eligible	CRF Eligible
<b>Construction Work in Progress 6.30.15 - 6.30.16</b>							
Upgrade Water Pump Station 4B				\$146,506	100%	\$146,506	
						\$146,506	
<b>Net Future DUEs 2015 - 2035</b>							
						11,186	
<b>CWIP Pump Station Related Assets, Built 2016, Buy-in CRF (\$/DUE)</b>							
						\$13.10	
<b>Future Pump Station</b>							
<b>Total Future Pump Station</b>				\$0		\$0	
Net Future DUEs 2015 - 2035						11,186	
<b>Future Pump Station Expansion CRF (\$/DUE)</b>							
						\$0.00	
<b>Total Future Pump Station Expansion CRF (\$/DUE)</b>						\$13.10	
<b>Total Pump Station Buy-in and Expansion CRF (\$/DUE)</b>							\$1,408.04

**Notes:**

- (1) Useful life provided by DSRSD
- (2) Costs are Fund 620 (expansion) only
- (3) ENR factor is based on San Francisco CCI Index, current SF CCI ENR is 11,155
- (4) Assets built between 2006 and 2015 were built to accommodate future growth
- (5) The principal on debt and repayment of the Temporary Infrastructure Charge is subtracted here, as it is accounted for separately. See exhibit 7.

Year	#		Useful Life (1)	Original Cost (2)	ENR Factor (3)	Cost 2015\$	Depreciation Percent	CRF Eligible	CRF Eligible
<b>Existing Reservoir, Pre-2006</b>									
1961	1A	Rhoda Ave	40	\$136,698	9.21	\$1,258,338	100%	100%	\$0
1962	2A	Betlen Ave	40	67,862	9.21	624,686	100%	100%	0
1983	1B	Dougherty	40	187,292	2.18	407,840	80%	100%	81,568
1985	3A	Brittany	40	287,531	2.21	634,502	75%	100%	158,625
1997	3B	Brigadoon and Swanson	40	562,925	1.66	932,906	45%	100%	513,098
1999	10A	Parks	50	3,988,519	1.64	6,526,943	32%	100%	4,438,321
2002	10B	Ledgewood Terr	50	3,791,167	1.46	5,532,207	26%	100%	4,093,833
2001	20A	Off Fallon Rd	40	3,205,116	1.51	4,832,133	35%	100%	3,140,887
2003	R300	East Branch Rd	40	677,318	1.43	970,051	30%	100%	679,035
2003	200A	Off East Branch	40	1,318,458	1.43	1,888,287	30%	100%	1,321,801
2004	R100	DERWA 1	50	4,764,332	1.36	6,458,913	22%	100%	5,037,952
2004	R200	DERWA 2	50	2,454,353	1.36	3,327,319	22%	100%	2,595,309
2004	30A	E. Dublin Z3 Off Fallon	40	3,277,275	1.36	4,442,939	28%	100%	3,221,131
2004	R20	Off Fallon Rd	50	2,862,201	1.36	3,880,231	22%	100%	3,026,580
2004	10A	Upgrade	10	1,120,000	1.36	1,518,362	100%	100%	0
2005	300A	Water Reservoir	40	3,159,404	1.32	4,164,677	25%	100%	3,123,508
<b>Total Existing Reservoir Assets, Pre-2006</b>				<b>\$31,860,451</b>		<b>\$47,400,333</b>			<b>\$31,431,648</b>
<b>Projected 2035 Total DUEs</b>									<b>42,142</b>
<b>Existing Reservoir, Pre-2006, Buy-in CRF (\$/DUE)</b>									<b>\$745.86</b>
<b>Master Plan Projects for New Development - Built 2006-2010 (4)</b>									
2006	300B	DV Zone 3	50	\$3,659,104	1.22	\$4,481,182	18%	100%	\$3,674,569
2007	200B	Water Reservoir 200B	50	516,844	1.22	631,357	16%	100%	530,340
2008	10A	Water Reservoir 10A (Parks RFTA)	15	1,243,040	1.14	1,417,570	47%	100%	756,037
2008	200B	Water Reservoir 200B	50	3,520,334	1.14	4,014,608	14%	100%	3,452,563
2009	4A	9541 Dublin Blvd	40	1,644,050	1.15	1,886,358	15%	100%	1,603,404
<b>Total Existing Reservoir Assets, 2006-2010</b>				<b>\$10,583,372</b>		<b>\$12,431,074</b>			<b>\$10,016,913</b>
<b>Credit for Existing Reservoir Related Debt (5) See Exhibit 7</b>									<b>(\$13,655,084)</b>
<b>Net Existing Reservoir Assets, Built 2006-2010</b>									<b>(\$3,638,170)</b>
<b>Net add'l DUEs 2006 - 2010 + Future DUEs 2015 - 2035</b>									<b>15,407</b>
<b>Existing Reservoir, Built 2006-2010, Buy-in CRF (\$/DUE)</b>									<b>(\$236.14)</b>

Year	#	Useful Life (1)	Original Cost (2)	ENR Factor (3)	Cost 2015\$	Depreciation Percent	CRF Eligible	CRF Eligible
<b>Improvements After 6.30.10 - 6.30.15</b>								
2015	3A	RESERVOIR 3A ACCESS ROAD	25	\$21,471	1.00	\$21,471	0%	100%
2015	20A/30A	RESERVOIR 20A/30A ACCESS ROAD	25	47,965	1.00	47,965	0%	100%
2015	200A/R300	RESERVOIR 200A/R300 ACCESS ROAD	25	59,704	1.00	59,704	0%	100%
2015	Dougherty	DOUGHERTY RESERVOIR ACCESS ROAD	25	29,498	1.00	29,498	0%	100%
2015	10A	RESERVOIR 10A REHABILITATION	15	237,999	1.00	237,999	0%	100%
<hr/>								
<b>Total Existing Reservoir Assets, 2011-2015</b>				<b>\$396,637</b>		<b>\$396,637</b>		<b>\$396,637</b>
<b>Net add'l DUEs 2011-2035</b>								
<b>Existing Reservoir, Built 2011-2015, Buy-in CRF (\$/DUE)</b>								
<b>Total Reservoir Related Buy-in CRF (\$/DUE)</b>								
<b>Construction Work in Progress 6.30.15 - 6.30.16</b>								
<hr/>								
<b>\$0</b>								
<hr/>								
<b>\$0</b>								
<b>Net Future DUEs 2015 - 2035</b>								
<b>Existing Reservoir Related Assets, Built 2016, Buy-in CRF (\$/DUE)</b>								
<b>\$0.00</b>								
<b>Future Reservoir</b>								
<hr/>								
New Water Reservoir 10A								
New Water Reservoir 20B								
<hr/>								
<b>Total Future Reservoir</b>								
<b>\$15,389,000</b>								
<hr/>								
<b>Net Future DUEs 2015 - 2035</b>								
<b>Future Reservoir Expansion CRF (\$/DUE)</b>								
<b>\$1,375.77</b>								
<hr/>								
<b>Total Reservoir Buy-in and Expansion CRF (\$/DUE)</b>								
<b>\$1,914.32</b>								

**Notes:**

- (1) Useful life provided by DSRSD.
- (2) Costs are 620 (expansion) only
- (3) ENR factor is based on San Francisco CCI Index, current SF CCI ENR is 11,155
- (4) Assets built between 2006 and 2015 were built to accommodate future growth
- (5) The principal on debt and repayment of the Temporary Infrastructure Charge is subtracted here, as it is accounted for separately. See exhibit 7

Year	Useful Life (1)	Original Cost (2)	ENR Factor (3)	Cost 2015\$	Depreciation Percent	Contributed Asset (4)	CRF Eligible	CRF Eligible
<b>Misc. Transmission &amp; Distribution Assets (SCADA)</b>								
1996 RTU PANEL (SCADA)	15	\$15,954	1.68	\$26,845	100%	NC	100%	\$0
1996 RTU PANEL (SCADA)	15	15,954	1.68	26,845	100%	NC	100%	0
1996 RTU PANEL (SCADA)	15	15,954	1.68	26,845	100%	NC	100%	0
1996 RTU PANEL (SCADA)	15	15,954	1.68	26,845	100%	NC	100%	0
1996 RTU PANEL (SCADA)	15	15,954	1.68	26,845	100%	NC	100%	0
1996 RTU PANEL (SCADA)	15	15,954	1.68	26,845	100%	NC	100%	0
1996 RTU PANEL (SCADA)	15	15,954	1.68	26,845	100%	NC	100%	0
1996 RTU PANEL (SCADA)	15	15,954	1.68	26,845	100%	NC	100%	0
1996 RTU PANEL (SCADA)	15	15,954	1.68	26,845	100%	NC	100%	0
1996 RTU PANEL (SCADA)	15	15,954	1.68	26,845	100%	NC	100%	0
1996 RTU PANEL (SCADA)	15	15,954	1.68	26,845	100%	NC	100%	0
1996 RTU PANEL (SCADA)	15	15,954	1.68	26,845	100%	NC	100%	0
1996 RTU PANEL (SCADA)	15	15,954	1.68	26,845	100%	NC	100%	0
1996 RTU PANEL (SCADA)	15	15,954	1.68	26,845	100%	NC	100%	0
1996 RTU PANEL (SCADA)	15	15,954	1.68	26,845	100%	NC	100%	0
1996 RTU PANEL (SCADA)	15	15,954	1.68	26,845	100%	NC	100%	0
1998 Modification of SCADA System Master Controls	10	8,587	1.63	13,992	100%	NC	100%	0
1998 Intellution Upgrades for SCADA nodes	10	12,310	1.63	20,060	100%	NC	100%	0
1999 SCADA enhancements	10	35,251	1.64	57,686	100%	NC	100%	0
2001 SCADA concentrator facility (design/installation)	10	23,872	1.51	35,990	100%	NC	100%	0
2001 PS 4B SCADA set-up/programming	10	31,476	1.51	47,453	100%	NC	100%	0
2002 SCADA Security - iFIX June 2002	10	7,612	1.46	11,108	100%	NC	100%	0
2002 SCADA software - iFix	10	9,269	1.46	13,526	100%	NC	100%	0
2002 SCADA Security System Server	10	7,056	1.46	10,297	100%	NC	100%	0
		<b>\$310,932</b>		<b>\$505,409</b>				<b>\$0</b>
<b>Transmission/Distribution Lines, Pre-2006</b>								
1971 Z2 & 3 WTR MN - WINDEMERE PKWY TO FALLO	50	\$8,658,345	5.35	\$46,286,415	88%	NC	100%	\$5,554,370
1983 Z2 & 3 WATER MAIN TIE-IN FALLON RD EXT N	75	5,734	2.18	12,486	43%	NC	100%	7,159
1993 1044 LF 16" WATER MAIN - FALLON RD EXT N	75	196,705	1.72	338,727	29%	NC	100%	239,367
1995 1037 LF 20" WATER MAIN - FALLON RD EXT N	75	233,983	1.70	397,993	27%	NC	100%	291,861
1996 POTABLE WATER PIPING - PS2A	75	30,952	1.68	52,080	25%	NC	100%	38,887
1997 POTABLE WATER PIPING PS2B	75	11,340	1.66	18,793	24%	NC	100%	14,283
1998 WATER MAIN-N. DUBLIN RANCH RD	75	128,938	1.63	210,108	23%	C	0%	0
1998 WATER MAIN- TASSAJARA RD/I-580 RESERVOIR	75	44,790	1.63	72,986	23%	C	0%	0
1998 COUNTY WATER SYSTEM INTEGRATION	75	28,228	1.63	45,998	23%	C	0%	0
1998 POTABLE WATER PIPING PS2C	75	437,445	1.63	712,828	23%	NC	100%	551,254
1998 POTABLE WATER PIPING PS3C	75	584,124	1.63	951,846	23%	NC	100%	736,094
1999 ALACO AREA WD FACIL.SUPP AGMT NO1- SEG 3	75	28,325	1.64	46,352	21%	C	0%	0
1999 ALACO AREA WD FACIL. SUPP AGMT NO1-SEG.4	75	397,000	1.64	649,664	21%	C	0%	0
1999 ALACO AREA WD FACIL.SUPP AGMT NO1- SEG 5	75	119,000	1.64	194,735	21%	C	0%	0
1999 WATER IMPROVEMENTS- HOLIDAY INN EXPRESS	75	21,000	1.64	34,365	21%	C	0%	0
1999 12" PVC TRANSMISSION PIPELINE- SO SECTION	75	138,011	1.64	225,846	21%	C	0%	0
1999 PS4A POTABLE WATER PIPING	75	20,384	1.64	33,357	21%	NC	100%	26,241
2000 12" CI TRANSMISSION PIPELINE- SO SECTION	75	130,930	1.50	196,098	20%	C	0%	0
2000 EASEMENT FOR PIPELINE FR P'TON WELL	75	44,664	1.50	66,895	20%	C	0%	0
2000 CREEKSIDER BUSINESS PARK	75	166,200	1.50	248,923	20%	C	0%	0
2000 PARK SIERRA PHASE I	75	121,711	1.50	182,290	20%	C	0%	0
2000 STONERIDGE CHRYSLER PLYMOUTH	75	10,660	1.50	15,966	20%	C	0%	0
2000 EMERALD POINT PHASE I	75	30,000	1.50	44,932	20%	C	0%	0
2001 JEFFERSON AT DUBLIN APTS	75	37,800	1.51	56,988	19%	C	0%	0
2001 MINCE SUBDIVISION TRACT 6985	75	3,550	1.51	5,352	19%	C	0%	0
2001 1,583 LINEAR FT WATER PIPE	75	246,240	1.51	371,239	19%	C	0%	0
2001 630 LINEAR FT WATER PIPE	75	252,367	1.51	380,476	19%	C	0%	0
2001 42 LINEAR FT WATER PIPE	75	275,945	1.51	416,023	19%	C	0%	0
2001 5,167 LINEAR FT WATER PIPE	75	176,822	1.51	266,582	19%	C	0%	0
2001 3,512 LINEAR FT WATER PIPE	75	606,636	1.51	914,583	19%	C	0%	0
2001 7,410 LINEAR FT WATER PIPE	75	860,445	1.51	1,297,234	19%	C	0%	0
2001 3,653 LINEAR FT WATER PIPE	75	192,193	1.51	289,756	19%	C	0%	0
2001 11,152 LINEAR FT WATER PIPE	75	62,609	1.51	94,391	19%	C	0%	0
2001 3012 LF PW - WINDEMERE PH2 TRACT 8715	75	402,100	1.51	606,218	19%	NC	100%	493,058
2001 3892 LF PW - WINDEMERE PH2 TRACT 8716	75	498,028	1.51	750,843	19%	NC	100%	610,686
2001 RES 4A POTABLE WATER PIPING	75	838,249	1.51	1,263,770	19%	NC	100%	1,027,866
2001 PS300B POTABLE WATER PIPING	75	15,303	1.51	23,071	19%	NC	100%	18,764
2002 8,885 LINEAR FT WATER PIPE	75	385,050	1.46	561,879	17%	C	0%	0

Year		Useful Life (1)	Original Cost (2)	ENR Factor (3)	Cost 2015\$	Depreciation Percent	Contributed Asset (4)	CRF Eligible	CRF Eligible
<b>Transmission/Distribution Lines, Pre-2006</b>									
2002	2,093 LINEAR FT WATER PIPE	75	152,250	1.46	222,169	17%	C	0%	0
2002	3,849 LINEAR FT WATER PIPE	75	221,670	1.46	323,469	17%	C	0%	0
2002	3,418 LINEAR FT WATER PIPE	75	179,300	1.46	261,641	17%	C	0%	0
2002	3961 LINEAR FT WATER PIPE	75	203,870	1.46	297,494	17%	C	0%	0
2002	1200 LINEAR FT WATER PIPE	75	30,700	1.46	44,799	17%	C	0%	0
2002	3466 LINEAR FT WATER PIPE	75	192,000	1.46	280,173	17%	C	0%	0
2002	3572 LINEAR FT WATER PIPE	75	201,460	1.46	293,978	17%	C	0%	0
2002	1772 LINEAR FT WATER PIPE	75	102,300	1.46	149,280	17%	C	0%	0
2002	735 LINEAR FT WATER PIPE	75	78,365	1.46	114,353	17%	C	0%	0
2002	1867 LINEAR FT WATER PIPE	75	69,319	1.46	101,153	17%	C	0%	0
2002	8345' WATER MAIN TASSAJARA T/O RES 1A	75	289,760	1.46	422,828	17%	C	0%	0
2002	WATER MAIN - CENTRAL/HACIENDA/TASSA	75	231,580	1.46	337,930	17%	C	0%	0
2002	950 L.F.OF 8" & 850 L.F. OF 10" WATER MAIN	75	36,521	1.46	53,293	17%	C	0%	0
2002	65' OF 10" PIPE	75	129,140	1.46	188,446	17%	C	0%	0
2002	DUBLIN BLVD WATER MAIN EXTENTION	75	114,480	1.46	167,053	17%	C	0%	0
2002	ALACO AREA WIDE FACILITIES SUPP AGMT 1	75	146,222	1.46	213,372	17%	C	0%	0
2002	ALACO AREA WIDE FACILITES SUPP AGMT 1	75	43,640	1.46	63,681	17%	C	0%	0
2002	5548 LF PW - WINDEMERE PH2 TRACT 8717	75	800,000	1.46	1,167,389	17%	NC	100%	965,041
2002	560 LF PW - VILLAGE PKWY RETAIL	75	202,844	1.46	295,997	17%	NC	100%	244,691
2003	PARK SIERRA PAHSE II - CONTRIB CAPITAL	75	258,280	1.43	369,907	16%	C	0%	0
2003	AREA G BACKBONE IMPROVEMENTS	75	21,200	1.43	30,363	16%	C	0%	0
2003	HANSEN HILLS PHASE II	75	203,730	1.43	291,781	16%	C	0%	0
2003	WATER PIPES INSTALLED PRIOR 1987	75	187,200	1.43	268,107	16%	C	0%	0
2003	6261 LINEAR FT WATER	75	132,350	1.43	189,551	16%	C	0%	0
2003	4574 LINEAR FT WATER PIPE	75	116,750	1.43	167,209	16%	C	0%	0
2003	4569 LINEAR FT WATER PIPE	75	101,063	1.43	144,741	16%	C	0%	0
2003	340 LF WATER PIPE	75	69,372	1.43	99,354	16%	C	0%	0
2003	300 LF WATER PIPE	75	91,860	1.43	131,561	16%	C	0%	0
2003	3660 LF WATER PIPE	75	192,448	1.43	275,623	16%	C	0%	0
2003	3180 LF WATER PIPE	75	69,100	1.43	98,965	16%	C	0%	0
2003	2676 LF WATER PIPE	75	549,900	1.43	787,563	16%	C	0%	0
2003	2354 LF WATER PIPE	75	187,200	1.43	268,107	16%	C	0%	0
2003	2331 LF WATER PIPE	75	313,500	1.43	448,993	16%	C	0%	0
2003	2168 LF WATER PIPE	75	161,200	1.43	230,870	16%	C	0%	0
2003	2056 LF WATER PIPE	75	237,800	1.43	340,576	16%	C	0%	0
2003	1939 LF WATER PIPE	75	78,200	1.43	111,998	16%	C	0%	0
2003	1870 LF WATER PIPE	75	151,800	1.43	217,407	16%	C	0%	0
2003	1426 LF WATER PIPE	75	61,300	1.43	87,793	16%	C	0%	0
2003	1140 LF WATER PIPE	75	110,510	1.43	158,272	16%	C	0%	0
2003	6120 LF PW LINE - TASS CRK PHASE 1	75	123,200	1.43	176,446	16%	C	0%	0
2003	875 LF PW LINE - TASS CRK PHASE 2	75	201,800	1.43	289,017	16%	C	0%	0
2003	11,900 LF PW LINE - WINDEMER PHASE 1	75	76,200	1.43	109,133	16%	C	0%	0
2003	1689 LF PW - GALE RANCH PH3A RA 1153	75	206,836	1.43	296,229	16%	NC	100%	248,833
2003	1730 LF PW - LOCKHART ST TO FALLOON	75	390,435	1.43	559,179	16%	NC	100%	469,710
2003	2398 LF PW - LOCKHART TO GLEASON	75	232,957	1.43	333,639	16%	NC	100%	280,257
2003	3766 LF PW - GALE RANCH PH3A RA 1154	75	111,080	1.43	159,088	16%	NC	100%	133,634
2003	MAINT BLDG - OUTSIDE PIPING	75	71,400	1.43	102,259	16%	NC	100%	85,897
2004	3180 LF PW LINE - SCARLETT PLACE	75	69,200	1.36	93,813	15%	C	0%	0
2004	2142 LF PW LINE - GALE RANCH PH2	75	113,500	1.36	153,870	15%	C	0%	0
2004	8271 LF PW LINE - GALE RANCH PH2	75	88,500	1.36	119,978	15%	C	0%	0
2004	4050 LF PW LINE - GALE RANCH PH2	75	122,800	1.36	166,478	15%	C	0%	0
2004	5950 LF PW LINE - GALE RANCH PH2	75	22,700	1.36	30,774	15%	C	0%	0
2004	1359 LF PW LINE - DUBLIN RANCH	75	6,000	1.36	8,134	15%	C	0%	0
2004	3261 LF PW LINE - WATERFORD	75	6,300	1.36	8,541	15%	C	0%	0
2004	2740 LF PW LINE - DUBLIN RANCH	75	30,600	1.36	41,484	15%	C	0%	0
2004	2205 LF PW LINE - DUBLIN RANCH	75	179,000	1.36	242,667	15%	C	0%	0
2004	2530 LF PW LINE - DUBLIN RANCH	75	207,800	1.36	281,710	15%	C	0%	0
2004	3469 LF PW LINE - GALE RANCH PH 2	75	133,000	1.36	180,306	15%	C	0%	0
2004	1484 LF PW LINE - GALE RANCH PH 2	75	59,200	1.36	80,256	15%	C	0%	0
2004	1813 LF PW LINE - GALE RANCH PH2	75	159,200	1.36	215,824	15%	C	0%	0
2004	1850 LF PW LINE - GALE RANCH PH2	75	102,300	1.36	138,686	15%	C	0%	0

Year		Useful Life (1)	Original Cost (2)	ENR Factor (3)	Cost 2015\$	Depreciation Percent	Contributed Asset (4)	CRF Eligible	CRF Eligible
<b>Transmission/Distribution Lines, Pre-2006</b>									
2004	2450 LF PW LINE - VALLEY CHRISTIAN CTR	75	159,700	1.36	216,502	15%	C	0%	0
2004	2144 LF PW LINE - GALE RANCH PH2	75	133,300	1.36	180,712	15%	C	0%	0
2004	508 LF PW LINE - DOUGHERTY ELEM. SCHOOL	75	245,100	1.36	332,277	15%	C	0%	0
2004	120 LF PW LINE - FIRE STATION #18	75	111,400	1.36	151,023	15%	C	0%	0
2004	130 LF PW LINE - FIRE STATION #17	75	155,300	1.36	210,537	15%	C	0%	0
2004	117,112 LF WATER LINE CONTRIBUTED FY10	75	617,026	1.36	836,490	15%	NC	100%	713,805
2004	PIPING	75	944,475	1.36	1,280,406	15%	NC	100%	1,092,613
2005	739 LF PW LINE -DUBLIN RANCH GOLF COURSE	75	37,300	1.32	49,168	13%	C	0%	0
2005	4464 LF PW LINE - GALE RANCH PH 2	75	8,500	1.32	11,205	13%	C	0%	0
2005	4220 LF PW LINE - WINDEMERE RANCH	75	362,200	1.32	477,446	13%	C	0%	0
2005	3100 LF PW LINE - WINDEMERE RANCH	75	247,100	1.32	325,723	13%	C	0%	0
2005	1240 LF PW LINE - WINDEMERE RANCH	75	1,330	1.32	1,753	13%	C	0%	0
2005	3130 LF PW LINE - WINDEMERE RANCH	75	187,200	1.32	246,764	13%	C	0%	0
2005	2080 LF PW LINE - WINDEMERE RANCH	75	67,800	1.32	89,373	13%	C	0%	0
2005	3190 LF PW LINE - WINDEMERE RANCH	75	71,500	1.32	94,250	13%	C	0%	0
2005	2830 LF PW LINE - WINDEMERE RANCH	75	214,200	1.32	282,355	13%	C	0%	0
2005	6320 LF PW LINE - WINDEMERE RANCH	75	121,400	1.32	160,028	13%	C	0%	0
2005	WATER MAIN DV - WINDEMERE INFRASTRUCTURE	75	122,400	1.32	161,346	13%	C	0%	0
2005	RES. 200A - WINDEMERE INFRASTRUCTURE	75	190,900	1.32	251,641	13%	C	0%	0
2005	1958 LF PW - GALE RANCH PH2 TRACT 8632	75	209,900	1.32	276,687	13%	C	0%	0
2005	3210 LF PW - WINDEMERE PH1 TRACT 8154	75	121,000	1.32	159,500	13%	C	0%	0
2005	2119 LF PW - MICRODENTAL LABORATORIES	75	218,800	1.32	288,419	13%	C	0%	0
2005	904 LF PW - HIDDEN HILLS ELEMENTARY	75	168,300	1.32	221,850	13%	C	0%	0
2005	199 LF PW - DUBLIN CIVIC CTR PUBLIC LIB.	75	292,700	1.32	385,833	13%	C	0%	0
2005	3760 LF PW - AUTONATION	75	29,000	1.32	38,227	13%	C	0%	0
2005	70 LF PW - DUBLIN VOLKSWAGON	75	267,400	1.32	352,483	13%	C	0%	0
2005	6710 LF PW - DUBLIN RANCH 1 TRACT 6925	75	332,000	1.32	437,637	13%	C	0%	0
2005	3007 LF PW - GALE RANCH 3 RA1157	75	164,800	1.32	217,237	13%	C	0%	0
2005	1575 LF PW - GALE RANCH PH2 RA1148	75	156,900	1.32	206,823	13%	C	0%	0
2005	1972 LF PW - GALE RANCH 2 RA 1139	75	141,800	1.32	186,919	13%	C	0%	0
2005	4011 LF PW GALE RANCH 2 TRACT 8685	75	14,600	1.32	19,245	13%	C	0%	0
2005	2900 LF PW GALE RANCH 2 TRACT 8690	75	34,700	1.32	45,741	13%	C	0%	0
2005	3040 LF PW - GALE RANCH 2 TRACT 8681	75	99,700	1.32	131,423	13%	C	0%	0
2005	3712 LF PW GALE RANCH 2 TRACT 8682	75	123,300	1.32	162,532	13%	C	0%	0
2005	2880 LF PW GALE RANCH 2 TRACT 8683	75	84,100	1.32	110,859	13%	C	0%	0
2005	3491 LF PW GALE RANCH 2 TRACT 8684	75	128,100	1.32	168,859	13%	C	0%	0
2005	3165 LF PW - GALE RANCH 2 TRACT 8686	75	141,700	1.32	186,787	13%	C	0%	0
2005	6054 LF PW GALE RANCH 2 TRACT 8699	75	161,900	1.32	213,414	13%	C	0%	0
2005	498 LF PW GALE RANCH 2 RA1138	75	231,800	1.32	305,555	13%	C	0%	0
2005	4822 LF PW GALE RANCH 3 RA1152	75	83,200	1.32	109,673	13%	C	0%	0
2005	WATER PIPE LINES CAMP PARKS IMPROVE.	75	114,500	1.32	150,932	13%	C	0%	0
2005	PUMP STATION TO TANK PIPING	75	101,600	1.32	133,928	13%	C	0%	0
2005	WATER MAIN - BOLLINGER SEGMENT 1	75	131,000	1.32	172,682	13%	C	0%	0
2005	3250 LF PW - GALE RANCH PH3A RA 1156	75	575,000	1.32	757,956	13%	NC	100%	656,895
2005	2637 LF PW - WINDEMERE TRACT 8646	75	730,836	1.32	963,377	13%	NC	100%	834,927
<b>Total Existing Transmission/Distribution System, Pre-2006</b>				<b>\$34,732,765</b>	<b>\$83,606,416</b>				<b>\$15,336,192</b>
<b>Total Existing Transmission/Distribution System and Miscellaneous Ancillary Assets, Pre-2006</b>									
<b>Projected 2035 Total DUEs</b>									
<b>Existing Transmission/Distribution System, Pre-2006, Buy-in CRF (\$/DUE)</b>									



Year	Useful Life (1)	Original Cost (2)	ENR Factor (3)	Cost 2015\$	Depreciation Percent	Contributed Asset (4)	CRF Eligible	CRF Eligible
<b>Improvements After 6.30.10 - 6.30.15</b>								
2011 6-INCH WATER MAIN 6TH ST CAMP PARKS	50	\$29,349	1.09	\$32,082	8%	NC	100%	\$29,516
2011 TURNOUT 5 - WATER MAIN	25	277,724	1.09	303,586	16%	NC	100%	255,012
2011 10" WATER MAIN DUBLIN BLVD@SILVERGATE (330LF)	50	76,007	1.09	83,085	8%	NC	100%	76,438
2011 33,676 LF WATER LINE CONTRIBUTED FY11	50	1,804,707	1.09	1,972,763	8%	C	0%	0
2011 2,640 LF RW LINE CONTRIBUTED FY11	50	112,700	1.09	123,195	8%	C	0%	0
2012 22,047 LF WATER LINE CONTRIBUTED FY12	50	1,522,882	1.08	1,638,593	6%	C	0%	0
2012 2,322 LF RW LINE CONTRIBUTED FY12	50	79,490	1.08	85,530	6%	C	0%	0
2013 26,224 LF WATER LINE CONTRIBUTED FY13	50	954,205	1.02	975,721	4%	C	0%	0
2013 EMERGENCY INTERTIE - TURNOUT 5	50	31,261	1.02	31,966	4%	NC	100%	30,687
2013 REPLACE WATER LINE CAMP PARKS - 200LF	50	24,600	1.02	25,155	4%	NC	100%	24,148
2013 3,668 LF RW LINE CONTRIBUTED FY13	50	68,380	1.02	69,922	4%	C	0%	0
2013 REPLACE RECYCLED WATER LINE DUBLIN SPORTS GND	50	73,365	1.02	75,019	4%	NC	100%	72,018
2013 12" PVC RW LINE - DUBLIN HIGH (1560 LF)	50	797,245	1.02	815,221	4%	NC	100%	782,612
2013 12" PVC RW LINE - DAVONA DRIVE (1680 LF)	50	590,623	1.02	603,940	4%	NC	100%	579,782
2013 4" PVC RW LINE - BRIGHTON (770 LF)	50	230,148	1.02	235,338	4%	NC	100%	225,924
2013 12" PVC RW LINE - AMADOR VALLEY BLVD (1280 LF)	50	517,843	1.02	529,520	4%	NC	100%	508,339
2013 6" PVC RW LINE - BRIGHTON & TAMARACK (935 LF)	50	208,117	1.02	212,810	4%	NC	100%	204,297
2013 4" PVC RW LINE - PENN DR (1515 LF)	50	367,075	1.02	375,352	4%	NC	100%	360,338
2013 4" PVC RW LINE - PENN DR (1515 LF)	50	64,815	1.02	66,276	4%	NC	100%	63,625
2013 6" PVC RW LINE - IRON HORSE TRAIL (365 LF)	50	79,155	1.02	80,939	4%	NC	100%	77,702
2014 40,675 LF PW LINE CONTRIBUTED FY14	50	3,078,170	1.02	3,147,938	2%	C	0%	0
2014 WATER MAIN - SCHAEFER RANCH	50	937,674	1.02	958,927	2%	NC	100%	939,748
2014 5,391 LF RW LINE CONTRIBUTED FY14	50	260,070	1.02	265,965	2%	C	0%	0
2015 6,416 LF RW LINE CONTRIBUTED FY15	50	342,418	1.00	342,418	0%	C	0%	0
2015 39,902 LF PW LINE CONTRIBUTED FY15	50	2,837,728	1.00	2,837,728	0%	C	0%	0
<b>Total Existing Transmission/Distribution System, 2011-2015</b>		<b>\$15,365,751</b>		<b>\$15,888,987</b>				<b>\$4,230,188</b>
<b>Net add'l DUEs 2011-2035</b>								<b>13,758</b>
<b>Existing Transmission/Distribution System, Built 2011-2015, Buy-in CRF (\$/DUE)</b>								<b>\$307.48</b>
<b>Total Transmission/Distribution System Buy-in CRF (\$/DUE)</b>								<b>\$1,330.07</b>
<b>Construction Work in Progress 6.30.15 - 6.30.16</b>								
RW Expan - Distrib to W Dublin				\$1,391,491		100%	\$1,391,491	
Dougherty Road Utilities				2,086		100%	2,086	
RW Expan - Distrib to W Dublin (Remaining year to date)				2,496,023		100%	2,496,023	
				<b>\$3,889,600</b>			<b>\$3,889,600</b>	
<b>Net Future DUEs 2015 - 2035</b>								<b>11,186</b>
<b>Existing Transmission/Distribution Related Assets, Built 2016, Buy-in CRF (\$/DUE)</b>								<b>\$347.73</b>
<b>Future Transmission/Distribution</b>								
Water Main - Bollinger Canyon Rd to Reservoir 200B				\$824,256		100%	\$824,256	
Water Main - Fallon Road, Tassajara Rd to Tassajara Creek				315,500		100%	315,500	
Turnout 6				2,009,000		100%	2,009,000	
Automated Water Meter Data Transmission System Program				360,000		80%	288,000	
<b>Total Future Transmission/Distribution</b>				<b>\$3,508,756</b>			<b>\$3,436,756</b>	
<b>Net Future DUEs 2015 - 2035</b>								<b>11,186</b>
<b>Future Transmission/Distribution System Expansion CRF (\$/DUE)</b>								<b>\$307.25</b>
<b>Total Future Transmission/Distribution System Expansion CRF (\$/DUE)</b>								<b>\$654.97</b>
<b>Total Transmission/Distribution System Buy-in and Expansion CRF (\$/DUE)</b>								<b>\$1,985.04</b>

**Notes:**

- (1) Useful life provided by DSRSD.
- (2) Costs are 620 (expansion) only
- (3) ENR factor is based on San Francisco CCI Index, current SF CCI ENR is 11,155
- (4) Contributed assets are identified with a "C", non-contributed assets with a "NC". Contributed assets were not included in the Capacity Reserve fee calculation.
- (5) Assets built between 2006 and 2015 were built to accommodate future growth
- (6) The principal on debt and repayment of the Temporary Infrastructure Charge is subtracted here, as it is accounted for separately. See exhibit 7.

## DSRSD

## Capacity Reserve Fees Study

## Credit for Buy-in Component

## Exhibit 7

Component	DERWA Debt	WateReuse Debt	Payments	Ratepayer Loan (1)	Net Credit (2)	% of Total Debt
Source	\$4,752,803	\$0	(\$310,231)	\$998,789	\$5,441,361	10.9%
Pumping	15,721,038	0	(1,026,164)	998,789	15,693,663	31.5%
Storage	7,218,685	8,112,521	(2,674,911)	998,789	13,655,084	27.4%
Trans/Dist	9,095,930	7,912,479	(2,983,144)	998,789	15,024,054	30.2%
	<b>\$36,788,456</b>	<b>\$16,025,000</b>	<b>(\$6,994,450)</b>	<b>\$3,995,154</b>		
			<b>Total Credit to Buy-in Component</b>		<b>\$49,814,160</b>	

**Notes:**

(1) The ratepayer loan was paid by rate payers as the Temporary Infrastructure Charge (TIC) to pay for capital expansion projects when no revenue was available from connection fees. It is included in the Debt Component to reimburse the rate payers. As a result, the equivalent amount has been deducted from the system components to avoid double counting. The Ratepayer Loan was split equally among the system components.

(2) Credits were applied to the CRF eligible total for the Buy-in CRF for each component to avoid double counting the principal.

	Principal	Interest	Total Debt	DUEs (1)	\$ / DUE	Basis
<b>2011 Revenue Bond (2)</b>						
WateReuse Loan	\$11,617,553	\$14,694,242	\$26,311,795	26,576	\$990.07	Net add'l DUEs 2003-2035
DERWA Commercial Paper	24,002,447	29,938,961	53,941,408	17,979	3,000.29	Net add'l DUEs 2006-2035
	\$35,620,000	\$44,633,203	\$80,253,203		\$3,990.36	
<b>DERWA State Loan (3)</b>	\$7,656,531	\$1,134,794	\$8,791,325	17,979	\$488.99	Net add'l DUEs 2006-2035
<b>Ratepayer Loan (4)</b>	\$3,995,154	\$0	\$3,995,154	11,186	\$357.17	Net Future DUEs 2015 - 2035
<b>WateReuse Loan</b>	\$3,635,000	\$3,468,875	\$7,103,875	26,576	\$267.31	Net add'l DUEs 2003-2035
<b>Total Debt</b>	<b>\$50,906,685</b>	<b>\$49,236,872</b>	<b>\$100,143,557</b>		<b>\$5,103.82</b>	
<b>Less: Working Capital (5)</b>			<b>(\$11,502,595)</b>	11,186	(\$1,028.33)	Net Future DUEs 2015 - 2035
	\$50,906,685	\$49,236,872	\$88,640,962		\$4,075.49	

**Notes:**

(1) See Exhibit 1 for details

(2) Includes payments for FY 2016 - FY 2035; FY 2015 CAFR pg. 41

(3) Includes District's share (52.4%) of payments for FY 2016 - FY 2026; FY 2015 CAFR pg. 41

(4) Balance as of FYE 2015; email from Karen Vaden on 12.15.15

(5) Balance as of June 30, 2014, provided by District in email 3.22.16

DSRSD

**Capacity Reserve Fees Study**

**Allowable Water Distribution Capacity Reserve Fees**

**Exhibit 9a**

<b>Component (1)</b>	<b>CRF Calculation Results (\$/DUE)</b>	
Source	\$3,379.93	
Pump Stations	1,408.04	
Reservoirs	1,914.32	
Transmission & Distribution	1,985.04	
Debt Service	4,075.49	
<hr/>		
<b>Total</b>	<b>\$12,762.82</b>	
<b>Net Water Distribution Capacity Reserve Fee [Rounded]</b>	<b>\$12,763</b>	
<b>Current Water Distribution Capacity Reserve Fee</b>	<b>\$12,407</b>	
	<b>Difference</b> <b>\$356</b>	
<hr/>		
<b>Water Distribution Capacity Reserve Fees</b>		
<b>Meter Size</b>	<b>Weighting Factor (2)</b>	<b>CRF (\$/DUE)</b>
5/8"	1.00	\$12,763
3/4"	1.50	19,145
1"	2.50	31,908
1 1/2" (Displacement)	5.00	63,815
1 1/2" (OMNI C2)	16.00	204,208
1 1/2" (OMNI T2)	16.00	204,208
2" (Displacement)	8.00	102,104
2" (OMNI C2)	16.00	204,208
2" (OMNI T2)	20.00	255,260

**Notes:**

---

---

**DSRSD****Capacity Reserve Fees Study****Allowable Water Distribution Capacity Reserve Fees****Exhibit 9b**

<b>Component</b>	<b>Buy-in</b>	<b>Expansion</b>	<b>Debt Service</b>	<b>Total (\$/DUE)</b>
Source	\$545.81	\$2,834.13	\$445.18	\$3,825.11
Pump Stations	1,394.94	13.10	1,283.96	2,692.00
Reservoirs	538.54	1,375.77	1,117.18	3,031.49
Transmission & Distribution	1,330.07	654.97	1,229.18	3,214.22
	-----	-----	-----	-----
<b>Total</b>	<b>\$3,809.36</b>	<b>\$4,877.97</b>	<b>\$4,075.49</b>	<b>\$12,762.82</b>
<i>Net Water Distribution Capacity Reserve Fee</i>				<b>\$12,763</b>
<i>Current Water Distribution Capacity Reserve Fee</i>				<b>\$12,407</b>
<i>Difference</i>				<b>\$356</b>

**DUBLIN SAN RAMON SERVICES DISTRICT**  
**Board of Directors**

**NOTICE OF OPPORTUNITY FOR PUBLIC COMMENT**  
**ON PROPOSED AMENDMENT OF WATER CAPACITY RESERVE FEES**

**DATE:** *Tuesday, June 21, 2016*

**TIME:** *6:00 P.M.*

**PLACE:** *Dublin San Ramon Services District Boardroom*  
*7051 Dublin Boulevard, Dublin, California*

**NOTICE IS HEREBY GIVEN** *that the District is considering the adoption by a Resolution amending the Water Capacity Reserve Fee, which Fee is authorized by section 3.70.010 of the District Code, at an open and public meeting, at which oral or written presentations can be made, as part of the Regular Meeting of the Board of Directors of Dublin San Ramon Services District at 6:00 p.m. on Tuesday, June 21, 2016. Your participation is encouraged.*

*The proposed fee for a 5/8" meter will be \$12,763, and the fee for larger meters will be a multiple of the fee for a 5/8" meter based on the safe operating capacity of the meter size and type compared to the safe operating capacity of a 5/8" meter. The proposed fees are approximately 2.8 % higher than the current water capacity reserve fees, which are scheduled for a 3.4% increase on July 1, 2016 if no action is taken.*

**NOTICE IS FURTHER GIVEN** *that the District is providing the community with data indicating the estimated cost required to provide the service for which the fee or service charge is levied before the proposed amendments are approved. The draft of the Water Capacity Reserve Fee study explaining the analysis and calculations in detail is available for review on our website at <http://www.drsrd.com/open-gov/library/financial-information>.*

*By: Nicole Genzale  
Executive Services Supervisor*



**Dublin San Ramon  
Services District**

*Water, wastewater, recycled water*

7051 Dublin Boulevard  
Dublin, CA 94568-3018

phone (925) 828-0515  
fax (925) 829-1180  
[www.dsrsd.com](http://www.dsrsd.com)

June 1, 2016

Development Community

**Subject: Notice of Water Capacity Reserve Fee Increase**

Dear Development Community:

Dublin San Ramon Services District has recently completed the study of its Water Capacity Reserve Fee. The draft report can be found on our website at <http://www.dsrsd.com/open-gov/library/financial-information> for your review.

On May 17, 2016, the District Board of Directors endorsed the adjustment to the fee. The proposed change to the fee for a 5/8" meter is **\$12,763.**

The Board of Directors will consider the adoption of the proposed fee increase on June 21, 2016 at 6:00 p.m. should the date be extended for any reason you will be notified separately. Your oral or written presentations can be made or submitted at the meeting on June 21, 2016. If approved, all components of the fee other than debt, as shown above, will be increased subsequently each year, as base on the annual change in the April Engineering News Record (ENR) Cost Index for San Francisco. These annual adjustments will begin July 1, 2017.

**The anticipated operative date for the proposed fee is July 1, 2016.**

If you have any questions, I can be reached at (925) 875-2271.

Sincerely,

*John Archer*

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

Cc: Developers Distribution List  
John Archer  
Rhodora Biagtan  
Mayette Bailey  
Ryan Pendergraft  
Bonifacio Duenas  
Sara Tom



# Dublin San Ramon Services District

## Summary & Recommendation

Agenda Item 9B

Reference Operations Manager	Type of Action Terminate Drought Emergency	Board Meeting of June 21, 2016
Subject Terminate Drought Emergency and Declare Stage 1 Voluntary 10% Water Conservation Goal and Rescind Resolution No. 15-16		
<input type="checkbox"/> Motion <input type="checkbox"/> Minute Order <input checked="" type="checkbox"/> Resolution <input type="checkbox"/> Ordinance <input type="checkbox"/> Informational <input type="checkbox"/> Other REPORT: <input checked="" type="checkbox"/> Verbal <input type="checkbox"/> Presentation <input checked="" type="checkbox"/> Staff    D. Lopez <input type="checkbox"/> Board Member		

### **Recommendation:**

Staff recommends the Board of Directors, by Resolution, terminate the current Declaration of Drought Emergency, terminate mandatory conservation, and establish Stage 1 water conservation with a voluntary goal of 10%, and rescind Resolution No. 15-16.

### **Summary:**

On May 18, 2016 the State Water Resources Control Board (SWRCB) adopted a statewide water conservation approach that replaces the prior percentage reduction-based water conservation standard with a locally driven, supply-based assessment. Following this approach and working in conjunction with the District's water supplier, staff has concluded that that there will be no mandatory requirement to conserve water.

On June 15, 2016 the Zone 7 Water Agency Board adopted a resolution ending the local drought emergency, and calling for 10% voluntary water conservation throughout the Tri-Valley. The Zone 7 action was taken based on Zone 7's analysis of the Tri-Valley water supply, relative to the SWRCB's guidelines for self-certification for conservation requirements. This State "stress test" assumes water demands over the next three years (2017-2019) based on the average of 2013 and 2014 actual demands, compared to water supplies based on historical drought conditions from 2013-2015, going forward over the next three years. Zone 7's "Three Year Drought Analysis Based on SWRCB Guidelines" is Attachment 1. This analysis shows that Zone 7 can meet our water requirements and, therefore, there is no mandatory conservation target.

In addition to the new conservation calculation, the SWRCB has also mandated some water reduction items, intended to reduce potable water waste. To encourage compliance with these new restrictions and to help make permanent wise water use, the District is also establishing a stage 1 voluntary 10% water conservation goal. This goal is in alignment with the voluntary goal from Zone 7 and other Tri-Valley water retailers.

Committee Review			Legal Review	Staff Review		
COMMITTEE ---	DATE ---	RECOMMENDATION ---	Yes	ORIGINATOR D. Lopez	DEPARTMENT Operations	REVIEWED BY
<b>ATTACHMENTS</b> <input type="checkbox"/> None						
<input checked="" type="checkbox"/> Resolution	<input type="checkbox"/> Minute Order	<input type="checkbox"/> Task Order	<input type="checkbox"/> Staff Report	<input type="checkbox"/> Ordinance		
<input checked="" type="checkbox"/> Cost \$0	<input type="checkbox"/> Funding Source A. B.	Attachments to S&R 1. Zone 7 Three Year Drought Analysis Based on SWRCB Guidelines 2. Monthly Report on Water Supply 3.				

RESOLUTION NO. \_\_\_\_\_

RESOLUTION OF THE BOARD OF DIRECTORS OF DUBLIN SAN RAMON SERVICES DISTRICT  
TO RESCIND THE DECLARATION OF A COMMUNITY DROUGHT EMERGENCY (RESOLUTION  
NO. 15-16) AND DECLARE A STAGE 1, 10% VOLUNTARY WATER CONSERVATION GOAL

---

WHEREAS, the State of California has seen improved hydrologic conditions in contrast to severe drought conditions experienced over the last three years; and

WHEREAS, a Statewide Emergency Drought declaration remains in place based on the condition of water supplies in the Department of Water Resources storage system; and

WHEREAS, on May 9, 2016 California Governor Edmund G. Brown Jr. issued Executive Order B-37-16 Making Water Conservation a California Way of Life and encouraged all Californians to use water more wisely; and

WHEREAS, this Executive Order, in part, directs the State Water Resources Control Board (SWRCB) to extend the emergency water conservation regulations for urban water conservation through the end of January 2017; and

WHEREAS, on May 17, 2016 the District Board of Directors found that there still exists a need for continuing the Community Drought Emergency; and

WHEREAS, on May 18, 2016, the SWRCB adopted a statewide water conservation approach that replaces the prior percentage reduction based water conservation standard with a locally driven supply-based assessment; and

WHEREAS, the Department of Water Resources is only providing 60% of contracted water supply in 2016, reflecting continuing shortage in statewide water supplies; and

WHEREAS, the Zone 7 Water Agency supplies all of the potable water currently available to the District for distribution and use by its customers; and

Res. No. \_\_\_\_\_

WHEREAS, on June 15, 2016, following state guidelines for availability of water, Zone 7 indicates it can meet the District's requirements under the state published minimum mandated conservation guidelines; and

WHEREAS, in spite of the minimal calculation as required by the state, based on recent uncertainties caused by the unique supply system in the Tri-Valley, especially as experienced in 2014, the Tri-Valley retailers have agreed that a 10% conservation would be prudent and provide a level of supply assurance that would benefit the customers; and

WHEREAS, the Board agrees that some minimal conservation is prudent; and

WHEREAS, on October 20, 2015, Resolution No. 85-15 activated Stage 1 Water Consumption Rates During a Water Shortage, as adopted by and adjusted in accordance with Board Resolution No. 11-13 (as corrected by Resolution No. 14-13 and as clarified by Resolution No. 85-15), and as authorized by Section 4.40.020 of the District Code (Provision of Potable Water Service); the rates were activated effective November 1, 2015 and such Stage 1 Water Consumption Rates shall thereafter remain in effect until terminated by Resolution of the Board of Directors; and

WHEREAS, in accordance with the January 2013 Water Rate Study for Stage 1 Water Conservation Rates, the revenues resulting from this action are expected to closely approximate revenue needs associated with the 10% voluntary conservation target as established and those revenues are to be used to support anticipated expenses necessary for public information and water conservation efforts to achieve the water conservation target.

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, that:

1. The State of a Community Drought Emergency, originally declared on February 18, 2014, by Resolution No. 10-14 and most recently updated and re-declared on March 3, 2016 by Resolution No. 15-16, will be rescinded by the District based on the rescission of the Drought Emergency by Zone 7.

Res. No. \_\_\_\_\_

2. Accordingly, Resolution No. 15-16 is hereby rescinded, attached as Exhibit "A," and replaced it in its entirety with this Resolution.
3. However, it remains uncertain whether the ordinary demands and requirements of the water consumers in the District's service area can be met and satisfied by the water supplies now available to the District without depleting the water supply to the extent that there would be insufficient water for human consumption, sanitation, and/or fire protection, because the Statewide Emergency Drought declaration remains in place based on the condition of water supplies in the Department of Water Resources storage system, and the continuing shortage in the supply of water has caused the Department of Water Resources to supply only partial allocations, and therefore a Stage 1 Water Supply Shortage is hereby declared, and shall remain in effect until modified by a future Resolution of the Board.
4. The Stage 2 – Severe Reduction Water Shortage Condition, declared by Resolution No. 85-15, is hereby terminated. The General Manager is authorized and directed to take all appropriate steps and actions as may be within the General Manager's authority and/or as approved by the Board to achieve a water reduction goal in the District of ten percent (10%) overall or as subsequently ordered by the SWRCB as compared to the same period in calendar year 2013.
5. The Stage 1 Water Conservation Rates adopted by Resolution No. 11-13 (as clarified by Resolution No. 85-15) and activated by Resolution No. 85-15 on October 20, 2015, as increased on January 1, 2016 to reflect increases in the appropriate Consumer Price Index (CPI), will remain in effect until terminated by Resolution of the Board of Directors.
6. The General Manager is authorized and directed to initiate appropriate operational actions, including but not limited to, the temporary curtailment or cessation of service to individual customers and/or areas of the District as may be appropriate to ensure the continued integrity of the community water supply system for health and safety purposes and, in such circumstances, to timely notify the Board of such actions taken.

Res. No. \_\_\_\_\_

7. The General Manager is authorized and directed to take all appropriate steps and actions as may be within the General Manager's authority and/or as approved by the Board to increase or make more reliable the District's water supply for 2016 and beyond.

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 21st day of June 2016, and passed by the following vote:

AYES:

NOES:

ABSENT:

---

D.L. (Pat) Howard, President

ATTEST: \_\_\_\_\_  
Nicole Genzale, District Secretary

## Exhibit A

### RESOLUTION NO. 15-16

#### RESOLUTION OF THE BOARD OF DIRECTORS OF DUBLIN SAN RAMON SERVICES DISTRICT TO EXTEND THE DECLARATION OF A COMMUNITY DROUGHT EMERGENCY AND RESCIND RESOLUTION NO. 7-16

---

WHEREAS, the State of California has and continues to experience severe drought conditions; and

WHEREAS, the Zone 7 Water Agency supplies all of the potable water currently available to the District for distribution and use by its customers; and

WHEREAS, Zone 7's primary sources of supplies normally include imported water from the State Water Project (80%) and local groundwater supplies originating from rainfall, runoff, and recharge (20%); and

WHEREAS, on January 17, 2014 California Governor Edmund G. Brown Jr. issued a Proclamation of a State of Emergency, and encouraged all Californians to reduce their water use; and

WHEREAS, on January 29, 2014 the Zone 7 Water Agency issued a Proclamation of a Local Drought Emergency; and

WHEREAS, on February 18, 2014 the District declared a State of a Community Drought Emergency and established a goal of curtailing overall District water usage by twenty percent (20%); and

WHEREAS, on March 18, 2014 the City of Dublin declared a Local Drought Emergency, which remains in effect; and

WHEREAS, on March 18, 2014 the City of Pleasanton approved an urgency ordinance amending its water conservation plan as needed to protect the immediate threat of the potentially significant drought to preserve public health and safety, which remains in effect; and

WHEREAS, on February 24, 2014 the City of Livermore declared a Water Shortage Emergency, which remains in effect; and

WHEREAS, on May 5, 2014 the District Board of Directors declared that a State of Emergency has existed since February 18, 2014 and continues to prevail in the community served by the District by

Res. No. 15-16

reason of the fact that the ordinary demands and requirements of the water consumers in the District's service area cannot be met and satisfied by the water supplies now available to the District without depleting the water supply to the extent that there would be insufficient water for human consumption, sanitation, and/or fire protection as a result of the ongoing drought and the resulting reductions to and restrictions on the available water supply; and

WHEREAS, On November 13, 2015, Governor Edmund G. Brown Jr. issued Administrative Order B-36-15 extending the declaration of a State of Emergency for the entire State of California indefinitely and until terminated, and further directed the State Water Resources Control Board (SWRCB) to extend mandatory restrictions to achieve a statewide reduction in urban potable water usage until at least October 31, 2016; and

WHEREAS, On February 2, 2016, the SWRCB adopted extended emergency water conservation regulations assigning target conservation goals and water use limitations that will be effective through October 31, 2016; and

WHEREAS, the California Emergency Services Act and the California Water Code empowers local agencies to declare or continue a state of emergency, which allows the agency to expend funds and promulgate orders and regulations necessary to provide for the protection of life and property, and to invoke exceptions allowed by law to normal contracting, purchasing, and California Environmental Quality Act (CEQA) requirements so that the Agency can more quickly take action and respond to rapidly changing conditions.

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, that:

1. The State of a Community Drought Emergency (originally declared on February 18, 2014, by Resolution No. 10-14, updated and re-declared on May 5, 2014 by Resolution No. 26-14 and which has been extended on December 2, 2014 by Resolution No. 78-14) has continuously prevailed and monthly by action of the Board) will continue to prevail in the community served

Res. No. 15-16

by the District by reason of the fact that the ordinary demands and requirements of the water consumers in the District's service area cannot be met and satisfied by the water supplies now available to the District without depleting the water supply to the extent that there would be insufficient water for human consumption, sanitation, and/or fire protection as a result of the ongoing drought and the resulting reductions to and restrictions on the available water supply.

2. Resolution No. 7-16 is hereby Rescinded, attached as Exhibit "A," and replaced it in its entirety with this Resolution.
3. The General Manager is authorized and directed to take all appropriate steps and actions as may be within the General Manager's authority and/or as approved by the Board to curtail system-wide water usage in the District by twelve percent (12%) overall or as subsequently ordered by the SWRCB as compared to the same period in calendar year 2013.
4. The General Manager is authorized and directed to initiate appropriate operational actions, including but not limited to, the temporary curtailment or cessation of service to individual customers and/or areas of the District as may be appropriate to ensure the continued integrity of the community water supply system for health and safety purposes and, in such circumstances, to timely notify the Board of such actions taken.
5. As it relates to contracting and purchasing actions associated with the District's response to the need for curtailing water usage during the State of Community Drought Emergency, the General Manager is hereby authorized to make decisions about invoking exceptions to normal contracting and purchasing requirements as allowed by California law.
6. As it relates to California Environmental Quality Act (CEQA) actions associated with the District's response to the need for curtailing water usage during the State of Community Drought Emergency, the General Manager is hereby authorized to make decisions regarding invoking exemptions to CEQA as allowed by California law.
7. As it relates to obtaining staffing resources to accomplish actions associated with the District's response to the need for curtailing water usage during the State of Community Drought

Res. No. 15-16

Emergency, the Board affirms the existing language included in Personnel Rule 2.03 that allows the General Manager in an emergency to make appointments without the requirement for first establishing an eligibility list.

8. In order to satisfy the requirements of the California Emergency Services Act which contemplates ongoing review of the need for continuing the local emergency, so that the declared emergency shall not remain in effect when conditions no longer warrant, the General Manager shall monthly inform the Board, that this declaration remains in effect, of: (a) developments regarding the water supply available to Zone 7 and the District; (b) the water demand in the District's service area; (c) operational issues encountered or anticipated to be encountered related to the effect of the limited water supply on the District's water system; (d) pertinent policy level decisions made at the local, regional, state and federal levels related to the drought; and (e) other information relevant to the continuing need for the State of Community Drought Emergency.
9. The State of Community Drought Emergency shall continue to exist until either: (a) October 31, 2016, or (b) the Board takes action to rescind this Declaration of Continuing State of Community Drought Emergency, whichever occurs first.
10. The General Manager is authorized and directed to undertake actions related to the District's response to this drought in accordance with the authority and approval of this Resolution.
11. The General Manager is authorized and directed to take all appropriate steps and actions as may be within the General Manager's authority and/or as approved by the Board to increase or make more reliable the District's water supply for 2016 and beyond.

Res. No. 15-16

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 1st day of March 2016, and passed by the following vote:

AYES: 4 - Directors Madelyne A. Misheloff, Richard M. Halket,  
Edward R. Duarte, D.L. (Pat) Howard

NOES: 0

ABSENT: 1 - Director Georgean M. Vonheeder-Leopold



D.L. (Pat) Howard, President

ATTEST: Nicole Genzale  
Nicole Genzale, District Secretary

H:\Board\2016\03-01-16\9C Extension of State of Drought Emergency\Declaration of a Community Drought Emergency RESO Proposed Version.docx

## **Attachment A**

### **Zone 7 Three-Year Drought Analysis Based on SWRCB Guidelines**

**Zone 7 Three-Year Drought Analysis Based on SWRCB Guidelines**  
**(Acre-Feet)**  
**2016 - 2019**

**Actual Demand**

Year	2013	2014	2015	2016*
Potable Demand	43,200	30,200	25,400	34,500

**Demand Projections**

Year	2016*	2017	2018	2019
Potable Demand	34,500	36,700	36,700	36,700
Non-Potable Demand	5,000	5,000	5,000	5,000

**Supply Sources**

Water Year Type/SWP Allocation	(2016) 60%	(2013) 35%	(2014) 5%	(2015) 20%
Table A	48,400	28,200	4,000	16,100
SWP Carryover	13,400	6,200	15,900	5,100
Water Banks	300	0	14,000	19,000
Local SW	9,100	12,500	500	3,000
Groundwater	4,500	5,000	12,000	8,000
Yuba, BBID, etc	1,500	5,700	400	400
Total	77,200	57,600	46,800	51,600

Supply - Demand (Excess Supply)	37,700	15,900	5,100	9,900
------------------------------------	--------	--------	-------	-------

**CONCLUSION:** *No shortage ==> no mandatory conservation target.*

\*Conservatively assumes 20% demand reduction relative to 2013 demands.

**Information:** Zone 7 Max Table A amount - 80,619 AF, SWP Carryover - 13,400 AF, Groundwater Bank Storage: Semitropic - 59,200 AF, Cawelo - 15,200 AF, Local Surface Water Storage - 9,100 AF, Local Groundwater Storage - 90,000 AF (Est).

**Assumptions:** SWP Allocation remains at 60%. Demand Calculation (2017-2019) is based on 2013 and 2014 average. Supply is based on current conditions for 2016, 2013 conditions for 2017, 2014 conditions for 2018, etc. Recovery capacity from water banks in drought years is 15,000 AF the first year of recovery and 19,000 AF the second year. Local Surface Water can be accessed throughout the year. Groundwater pumping capacity is 12,000 AF per year. Conservation during drought period (2017-2019) is about 15% of the 2013 production. Conservation in 2016 is 20% of 2013 production.

### DETAILED ANALYSIS

Zone 7 will plan to meet both potable and untreated demands. See example scenario below: no shortage expected.

BEGINNING OF YEAR STORAGE					
YEAR	2016	2017	2018	2019	2020
Semtropic Bal.	59,200	63,400	63,400	54,400	45,400
Cawelo Bal.	15,200	18,700	18,700	13,700	3,700
Local GW Strg Bal.	92,000	96,950	91,950	79,950	71,950

DIRECT DEMANDS				
Potable Demand	34,500	36,700	36,700	36,700
Nonpotable Demand	5,000	5,000	5,000	5,000
Excess Supply	37,700	15,900	5,100	9,900
TO STORAGE				
GW Recharge	10,500			
SWP Carryover into Next Year	6,200	15,900	5,100	9,900
Semtropic Storage	5,000			
Cawelo Storage	7,000			
Lake Del Valle Carryover	9,000			

*Check: water remaining*

0

0

0

0



## DSRSD - Monthly Report on Water Supply

Reporting Month: May 2016

State Drought Regulations				DSRSD Compliance to State Regulations		Long Term Water Supply Factors at this stage of Water Year (June 3, 2016)	
<b>Executive Order B-29-15 &amp; B-36-15</b>				<b>CA Drought Management Measures</b>		<b>Long Term Water Supply Factors at this stage of Water Year (June 3, 2016)</b>	
DSRSD Potable Reduction in Month, %				Drought Stage	Stage 1	DWR - SWP Allocation Available	
<b>Feb-16</b>	<b>Mar-16</b>	<b>Apr-16</b>	<b>May-16</b>			60%	
14.7%	27.7%	36.2%	35.7%	<b>CA Drought Management Measures</b>		Monthly Precipitation, % of Seasonal Avg to Date	
Required State Potable Reduction, %				Days per week irrig	3	120%	
25%	25%	25%	25%	No. Complaints	2	72%	
<b>SBx7-7 (20% by 2020)</b>				No. Follow-Ups	0	Northern Sierra Snowpack, % of Average	
Required gpcd				No. Warnings	0	Lake Oroville Storage, % of Hist. Avg.	
<b>Baseline</b>	<b>2015</b>	<b>2020</b>		No. Penalties	0	110%	
211	190	169		<b>DWR Defined % Reduction</b>		<b>Zone 7 Potable Supply Situation =</b>	
DSRSD gpcd				DWR Target, % per yr.	12.0%	100%	
<b>Feb-16</b>	<b>Mar-16</b>	<b>Apr-16</b>	<b>May-16</b>	% Reduced vs 2013	35.7%	"Zone 7 is prepared to meet all projected 2016 demands."	
69.3	70.7	73.2	90.3	<b>YTD % Reduction</b>		Preliminary Approval of 2016 Treated Water Request 2-19-16	
				<b>Feb-16</b>	<b>Mar-16</b>	<b>Apr-16</b>	<b>May-16</b>
				13.8%	19.5%	24.9%	27.9%



# Dublin San Ramon Services District

Summary & Recommendation

**Agenda Item 9C**

Reference General Manager	Type of Action Approve Job Description	Board Meeting of June 21, 2016			
Subject Approve New Job Description for Assistant General Manager Classification					
<input type="checkbox"/> Motion	<input type="checkbox"/> Minute Order	<input checked="" type="checkbox"/> Resolution			
REPORT:	<input type="checkbox"/> Verbal	<input type="checkbox"/> Presentation	<input checked="" type="checkbox"/> Staff	D. McIntyre	<input type="checkbox"/> Board Member

**Recommendation:**

Staff recommends the Board of Directors approve, by Resolution, the new title, job definition, duties, and qualifications for the Assistant General Manager. Additionally, staff recommends the Board approve, by Motion, the authority to the General Manager to make an appointment to the Assistant General Manager position internally, on an interim basis, not to extend beyond June 30, 2017.

**Summary:**

As a result of the recent promotion of the Engineering Services Manager to General Manager (GM) in April 2016, the retirement of the Operations Manager in May 2016, and notice from the current Administrative Services Manager (ASM) of his intent to retire within the next year, the General Manager has determined that timely backfilling of these key executive positions is mission-critical and has developed a succession plan for recruitment efforts.

Under this plan, the GM will request, through a separate board item presented this evening, approval from the Board for an operating budget adjustment to add 2.0 full-time equivalent (FTE) positions in Fiscal Year 2017 for a period not to extend beyond June 30, 2017, in support of starting the recruitment process for an Administrative Services Manager in July 2016. Concurrently with the appointment of a new ASM (estimated for October 2016), the GM will make an internal appointment to the new position of Interim Assistant General Manager (AGM). The Interim AGM will provide onboarding, training, and supervision to the new ASM, and will also serve as the back-up for the General Manager. The definition and distinguishing characteristics reflect the necessary and appropriate level of authority and responsibility to be assigned by the GM to the appointed AGM. The qualifications described in the AGM job description express the minimum requirements to successfully serve the District in this role.

The Assistant General Manager will be subject to a Personal Services Agreement which will be determined through negotiation with the selected candidate and presented to the Board for approval. The full job description is attached. In accordance with Personnel policy P700-14-1, New/Revised Job Classifications and Salary, the job titles, job definitions and job duties for all senior management positions shall be presented to the Board by the General Manager for approval and adoption.

Committee Review			Legal Review	Staff Review		
COMMITTEE ---	DATE ---	RECOMMENDATION ---	Not Required	ORIGINATOR D. McIntyre	DEPARTMENT Executive	REVIEWED BY
<b>ATTACHMENTS</b> <input type="checkbox"/> None						
<input checked="" type="checkbox"/> Resolution	<input type="checkbox"/> Minute Order	<input type="checkbox"/> Task Order	<input type="checkbox"/> Staff Report	<input type="checkbox"/> Ordinance		
<input checked="" type="checkbox"/> Cost \$0	<input type="checkbox"/> Funding Source A. B.		Attachments to S&R 1. Job Description - Assistant General Manager 2. 3.			

RESOLUTION NO. \_\_\_\_\_

RESOLUTION OF THE BOARD OF DIRECTORS OF DUBLIN SAN RAMON SERVICES DISTRICT TO ADOPT THE NEW JOB TITLE, DEFINITION, AND DUTIES FOR THE ASSISTANT GENERAL MANAGER

---

WHEREAS, the Board of Directors has authority to establish job titles, job definitions, job duties and salaries for all senior manager positions as described in Resolution No. 53-14; and

WHEREAS, the District has a need to recruit for an Administrative Services Manager with responsibility for providing management and oversight for financial services, customer services, human resources, safety and risk management, and information technology; and

WHEREAS, the District has a need to appoint an Assistant General Manager with responsibility to assist the General Manager with the general planning, administration and supervision of District functions in order to advance the goals and mission of the District; and

WHEREAS, the new job title, definition, and duties reflect the performance of duties relating to advancing the District's goals and objectives.

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

The job definition for the Assistant General Manager shall be:

1. “Under general direction and as a part of the Senior Management team, assists the General Manager with the general planning, administration and supervision of District functions in order to advance the goals and mission of the District; in concert with the General Manager, provides assignments and general direction for senior management staff including the Operations Manager, Engineering Manager and Administrative Services Manager; and performs the functions of the General Manager in the General Manager's absence. May also serve as the department manager for one or more assigned departments.”

Res. No. \_\_\_\_\_

2. The job duties and qualifications for the Assistant General Manager are reflective of the mission-critical need to ensure successful and seamless transition of the senior management team through a period of high turnover due to retirements.

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 21st day of June 2016 and passed by the following vote:

AYES:

NOES:

ABSENT:

---

D. L. (Pat) Howard, President

ATTEST: \_\_\_\_\_  
Nicole Genzale, District Secretary

H:\Board\2016\06-21-16\AGM Job Classification\AGM Job Description DRAFT RES.docx

## Job Description

Job Title:	Assistant General Manager
Department:	Executive
Reports To:	General Manager
W/C Code:	8810
FLSA Status:	Exempt
Unit:	Senior Management
Adopted Date:	TBD
Revised Date:	

### DEFINITION

Under general direction and as a part of the Senior Management team, assists the General Manager with the general planning, administration and supervision of District functions in order to advance the goals and mission of the District; in concert with the General Manager, provides assignments and general direction for senior management staff including the Operations Manager, Engineering Manager and Administrative Services Manager; and performs the functions of the General Manager in the General Manager's absence. May also serve as the department manager for one or more assigned departments.

### DISTINGUISHING CHARACTERISTICS

This is a senior management classification level distinguished by the complexity and range of duties assigned and high level of responsibility in assisting the General Manager with the overall administration of District operations. The incumbent receives general direction from the General Manager and exercises direct supervision over assigned management, supervisory, professional, technical, and administrative support staff.

### ESSENTIAL DUTIES AND RESPONSIBILITIES

Assists the General Manager with the development and implementation of goals, objectives, policies and procedures; in collaboration with General Manager, provides assignments and general direction to senior management staff;

Assists with the planning and implementation of strategically important projects; assists in the determination of priorities for allocation of resources; assists in maintaining a program of continuous research into administrative practices and recommends changes concerning department and division operations and expenditures;

Plans and coordinates activities with a variety of public agencies, community groups and private industry firms and consultants;

Assists the General Manager with the analysis, preparation, presentation, justification and administration of the District's preliminary and final operating and capital improvement budgets; performs special studies and research and prepares recommendations;

Plans, organizes, directs, supervises and evaluates the work of subordinate personnel; meets and confers with other department management personnel to resolve problems and coordinate activities; directs and coordinates the activities of assigned departments or units; coordinates interdepartmental activities and District-wide projects;

Provides technical information and assistance to the Board of Directors and attends Board meetings;

Prepares information for and assists in the negotiations with employee organizations on wages, hours and working conditions; assists in the administration of rules and regulations governing employer-employee relations.

Negotiates property leases and/or purchases as directed by the General Manager;

Makes recommendations on the appointment of personnel to assigned subordinate positions;

Participates in various city, county and regional advisory groups; represents the District to outside groups and organizations; participates in outside community and professional groups and committees; provides technical assistance as necessary; represents the General Manager as designated.

As assigned, investigates problems and complaints;

Provides executive support to the General Manager and relieves the General Manager of administrative detail;

Researches, prepares and/or directs the development of technical and administrative reports and studies; prepares written material as necessary.

Builds and maintains positive working relationships with co-workers, other District employees and the public using principles of good customer service.

Leads and/or supports District efforts in various aspects of labor relations as assigned.

Performs related duties as assigned.

---

## **QUALIFICATIONS**

---

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

**Knowledge of:**

Principles, practices and procedures of public administration, management and organization, including policy and program development.

Principles, practices and methodologies of management applicable to the planning, design, construction and operation of water treatment and distribution systems and wastewater collection and treatment facilities and collection systems.

California Administrative Code for special district administration applicable to water and sanitary district functions, programs and operations.

Pertinent local, State and Federal laws, rules and regulations.

Modern office practices, procedures, methods and equipment.

Statistical and program analysis, research techniques and report writing.

Principles and practices of budget administration and fiscal control.

Computer and data processing applications.

Methods, principles, techniques and applicable laws and regulations affecting employer-employee relations.

Collective bargaining procedures and techniques.

Principles of management, supervision, training and employee evaluation.

Principles and practices of leadership, motivation, team building and conflict resolution.

California Environmental Quality Act applicable to water and wastewater planning.

**Ability to:**

Plan, direct and control the administration and operations of assigned departments.

Evaluate and make recommendations on improvements to existing departmental and District operations and programs.

Prepare and administer the District's operating and capital improvement budgets.

Develop and implement District policies and procedures.

Supervise, train and evaluate assigned personnel.

Gain cooperation through discussion and persuasion.

Analyze problems, identify alternative solutions, project consequences of proposed actions and implement recommendations in support of goals.

Interpret and apply Federal, State, District and department policies, procedures, rules and regulations.

Communicate clearly and concisely, both orally and in writing.

Establish and maintain effective working relationships with those contacted in the course of work.

Take responsibility and use good judgment in exercising scope of authority.

Facilitate a "team building" environment; utilize conflict management skills and effectively resolve controversial issues.

---

### **EDUCATION and EXPERIENCE**

---

A combination of education and experience which would provide the required knowledge and abilities is qualifying. A typical way to obtain the requisite knowledge and abilities would be:

Equivalent to a Bachelor's degree from an accredited college or university with major course work in accounting, engineering, biology, chemistry, public or business administration, organizational leadership, or related field. Master's degree preferred.

Ten (10) years of increasingly responsible experience in the operations, maintenance and laboratory monitoring of a large wastewater or water treatment facility or similar industrial facility, including five (5) years of supervisory responsibility; public sector experience is desirable.

---

### **CERTIFICATES, LICENSES, REGISTRATIONS**

---

Possession of a Class C Driver's License required by the State of California, Department of Motor Vehicles, to perform the duties of the position. Continued maintenance of a valid California driver's license of the required category, compliance with established District vehicle operation standards and the ability to be insured for the operation of a vehicle/ District vehicle in accordance with the terms and conditions of the District's insurance program are conditions of continuing employment. The CSRMA driving standards are included herein by reference.

---

### **ADDITIONAL REQUIREMENTS**

---

None.

---

## DISASTER SERVICE WORKER

---

All Dublin San Ramon Services District employees are, by State and Federal law, Disaster Service Workers. The roles and responsibilities for Disaster Service Workers are authorized by the California Emergency Services Act and are defined in the California Labor Code. In the event of a declaration of emergency, any employee of the District may be assigned to perform activities which promote the protection of public health and safety or the preservation of lives and property. Such assignments may require service at locations, times, and under conditions that are significantly different than the normal work assignments and may continue into the recovery phase of the emergency. If a "Local Emergency" is declared during the employee's shift, employees will be expected to remain at work to respond to the emergency needs of the community. If a "Local Emergency" is declared outside of the employee's shift, employees must make every effort to contact their direct supervisor or department head to obtain reporting instructions as Disaster Service Workers.

---

## WORK ENVIRONMENT/PHYSICAL DEMANDS

---

The work environment characteristics are representative of those an employee encounters while performing the essential functions of this job. The physical demands are representative of those that must be met by an employee to successfully perform the essential functions of the job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

The work is performed in a standard office environment using a computer. Travel in the local Tri-Valley area is required on a regular basis. The noise level in the work environment is usually quiet. While performing the duties of this job, the employee is regularly required to talk or hear. Specific vision abilities required by this job include close vision. The employee works indoors, which is temperature controlled. The employee works outdoors, as needed, subject to inclement weather.

---

## PHYSICAL DEMANDS

---

### STANDING

<b>Average Frequency:</b>	Up to ½ hour.
<b>Duration:</b>	Seconds to 5 minutes at a time.
<b>Maximum Frequency:</b>	Average frequency is consistent.
<b>Duration:</b>	N/A
<b>Surfaces:</b>	Predominantly tile, carpet, concrete, asphalt; however, dirt, gravel, mud, metal grating, grass, uneven terrain, all possible.
<b>Description:</b>	Performs while communicating with coworkers, during informal meetings, operating standard office equipment, accessing file drawers or shelves, performing field observations, during special events including parades or working at a booth.

### WALKING

<b>Average Frequency:</b>	½ hour to 1 hour.
<b>Duration:</b>	Seconds to 5 minutes at a time.
<b>Maximum Frequency:</b>	Up to 2 hours.
<b>Duration:</b>	Seconds to 30 minutes at a time.
<b>Surfaces:</b>	Predominantly tile, carpet, concrete, asphalt; however, dirt, gravel, mud, metal grating, grass, uneven terrain, all possible.
<b>Description:</b>	Performs within the building, to and from offices, relocating files, paperwork or office supplies, performing field observations, during special events including parades, setting up booths, and performing other described job duties.

**SITTING**

**Average Frequency:** 7 to 7 ½ hours.  
**Duration:** 30 minutes to 1 hour at a time.  
**Maximum Frequency:** Average frequency is consistent.  
**Duration:** N/A  
**Surfaces:** Cushioned vehicle seat or office chair.  
**Description:** Performing various desk station activities including using a computer, reading, writing, driving a vehicle during meetings and performing other described job duties.

**KNEELING/CROUCHING/SQUATTING**

**Average Frequency:** 1 to 2 times.  
**Duration:** Seconds at a time.  
**Maximum Frequency:** Up to 10 times.  
**Duration:** Seconds at a time.  
**Surfaces:** Tile, carpet.  
**Description:** Performs while retrieving or positioning paperwork/files or boxes on and off lower shelves, drawers or ground level and performing other described job duties.

**CRAWLING**

Not a job requirement.

**LAYING ON BACK/STOMACH**

Not a job requirement.

**CLIMBING/BALANCING**

**Average Frequency:** 2 to 4 times a week.  
**Duration:** Seconds at a time.  
**Maximum Frequency:** Average frequency is consistent.  
**Duration:** N/A  
**Surfaces:** Stair steps, vehicle floorboard.  
**Description:** Performs while ascending or descending stairs to access plant sites during field observations, entering/exiting vehicle cab, one step and performing other described job duties.

**REACHING**

• **Above Shoulder Level:**

**Average Frequency:** 5 to 10 times.  
**Duration:** Seconds at a time.  
**Maximum Frequency:** Up to 10 minutes.  
**Duration:** Seconds to 1 minute at a time.  
**Description:** Performs while accessing or placing files or paperwork and related items on and off upper shelves, facilitating meetings including writing on whiteboards and performing other described job duties. Unilateral or bilateral upper extremities from less than full-to-full extensions at each occurrence. A variable to reaching above shoulder level includes employee's height.

- **Between Waist and Shoulder Level:**

**Average Frequency:** 5 to 6 hours.  
**Duration:** Seconds to 20 minutes at a time.  
**Maximum Frequency:** Up to 7 hours.  
**Duration:** Seconds to 20 minutes at a time.  
**Description:** Performs while using a computer keyboard and input device to enter or retrieve data, which includes reaching within the primary reach zone, operating standard office equipment including a copy or fax machine, handling office supplies, driving a vehicle in conjunction with maneuvering a steering wheel, during special events and performing other described job duties. Unilateral or bilateral upper extremities from less than full-to-full extensions on each occurrence.

- **Below Waist Level:**

**Average Frequency:** 1 to 2 times.  
**Duration:** Seconds at a time.  
**Maximum Frequency:** Up to 10 times.  
**Duration:** Seconds at a time.  
**Description:** Performs while retrieving or positioning paperwork/files or boxes on and off lower shelves, drawers or ground level and performing other described job duties. Unilateral or bilateral upper extremities from less than full-to-full extensions on each occurrence.

### **PUSHING/PULLING**

**Average Frequency:** Up to 10 times.  
**Duration:** Seconds at a time.  
**Maximum Frequency:** Average frequency is consistent.  
**Duration:** N/A  
**Description:** Performs while opening or closing file cabinet drawers. Unilateral or bilateral arm use.

### **TWISTING/ROTATING**

- **Waist:**

**Not a job requirement.**

- **Neck:**

**Average Frequency:** 1 to 2 hours.  
**Duration:** Seconds at a time.  
**Maximum Frequency:** Average frequency is consistent.  
**Duration:** N/A  
**Description:** Performs during normal body mechanics, performing general office tasks, driving, during field observations and performing other described job duties.

- **Wrists:**

**Average Frequency:** Up to 15 minutes.  
**Duration:** Seconds at a time.  
**Maximum Frequency:** Average frequency is consistent.  
**Duration:** N/A  
**Description:** Performs while office supplies and paperwork and performing other described job duties. Unilateral or bilateral hand use.

**BENDING**

- **Waist:**

**Alternated with squatting, employee preference.**

- **Head/Neck:**

**Average Frequency:** 2 to 3 hours.  
**Duration:** Seconds to 5 minutes.  
**Maximum Frequency:** Average frequency is consistent.  
**Duration:** N/A  
**Description:** Performs during normal body mechanics, reading, writing and reviewing paperwork, operating standard office equipment, performing general office tasks, possibly during field observations and performing other described job duties.

- **Wrists:**

**Average Frequency:** 2 to 3 hours.  
**Duration:** Seconds to 5 minutes at a time.  
**Maximum Frequency:** Average frequency is consistent.  
**Duration:** N/A  
**Description:** Performs during normal body mechanics, handling office supplies and paperwork, driving in conjunction with maneuvering a steering wheel, and performing other described job duties. Unilateral or bilateral hand use.

**LIFTING/CARRYING**

**0 to 10 lbs.**

**Objects:**

Writing utensils, paperwork/files, telephone handset, office supplies, standard office tools and other related items.

**Average Frequency:** 2 to 3 hours.  
**Maximum Frequency:** Average frequency is consistent.  
**Duration:** Seconds to 15 minutes at a time.  
**Distance:** 0 to 25 feet.  
**Height:** Ground to shoulder or above.  
**Description:** Performs while utilizing a writing utensil to complete paperwork, using a telephone, handling paperwork or files, office supplies, and other related items.

**11 to 30 lbs.**

<b>Objects:</b>	File box.
<b>Average Frequency:</b>	1 time per month.
<b>Maximum Frequency:</b>	Average frequency is consistent.
<b>Duration:</b>	Seconds at a time.
<b>Distance:</b>	Less than 5 feet.
<b>Height:</b>	Ground to waist level.
<b>Description:</b>	Performs while retrieving and relocating a file box, as needed.

**31 to 50 lbs.**

**Not a job requirement.**

**51 to 75 lbs.**

**Not a job requirement.**

**76 to 100 lbs.**

**Not a job requirement.**

**100+ lbs.**

**Not a job requirement.**

**SIMPLE GRASPING**

<b>Average Frequency:</b>	2 to 3 hours.
<b>Duration:</b>	Seconds to 15 minutes at a time.
<b>Maximum Frequency:</b>	Average frequency is consistent.
<b>Duration:</b>	N/A
<b>Description:</b>	Performs while handling paperwork and files, handling office supplies, using a telephone handset, driving in conjunction with maneuvering a steering wheel and performing other described job duties. Unilateral or bilateral hand use.

**POWER GRASPING**

<b>Average Frequency:</b>	1 time per month.
<b>Duration:</b>	Seconds at a time.
<b>Maximum Frequency:</b>	Average frequency is consistent.
<b>Duration:</b>	N/A
<b>Description:</b>	Performs while retrieving and relocating a file box, as needed. Bilateral hand use.

**FINE MANIPULATION**

<b>Average Frequency:</b>	4 ½ to 5 ½ hours.
<b>Duration:</b>	Seconds to 20 minutes at a time.
<b>Maximum Frequency:</b>	Up to 6 ½ hours.
<b>Duration:</b>	Seconds to 20 minutes at a time.
<b>Description:</b>	Performs while utilizing a computer keyboard and input device to enter or retrieve data, which includes a combination of fine manipulation and simple grasping, sorting and handling paperwork, pressing telephone buttons to make outgoing calls,

operating office equipment by pressing buttons, using writing utensils to complete paperwork and performing other described job duties. Unilateral or bilateral hand use.

---

### **MACHINES/TOOLS**

---

- Writing utensils
- Computer
- Standard office equipment including copy and fax machines, scanners and printers
- Telephone
- Standard office tools including staplers, stapler removers and other related items
- Vehicle

---

### **PERSONAL PROTECTIVE EQUIPMENT**

---

- Depending on the exposure, the employee is required to wear hearing, eye and head protection.

---

### **WEIGHTS AND MEASURES**

---

**Items Weighed:**

- File box (full) – 30 lbs.

**NOTICE:** The Examples of Functions, responsibilities, work environment, physical demands etc. listed in this Job Analysis are representative only, and not exhaustive of the tasks that an employee may be required to perform.



# Dublin San Ramon Services District

## Summary & Recommendation

**Agenda Item 9D**

Reference Administrative Services Manager	Type of Action Approve Resolution	Board Meeting of June 21, 2016				
Subject Approve Increase in Budgeted Full Time Equivalent (FTE) Staffing for Fiscal Year 2017						
<input type="checkbox"/> Motion	<input type="checkbox"/> Minute Order	<input checked="" type="checkbox"/> Resolution				
REPORT:	<input type="checkbox"/> Verbal	<input type="checkbox"/> Presentation	<input checked="" type="checkbox"/> Staff	J. Archer	<input type="checkbox"/> Other	<input type="checkbox"/> Board Member

**Recommendation:**

Staff recommends the Board of Directors adopt, by Resolution, an increase in the maximum full-time equivalents (FTE) for the FYE 2017 Operating Budget.

**Summary:**

The District has experienced a significant number of managerial retirements during the last few years. As a result of the recent promotion of the Engineering Services Manager to General Manager (GM) in April 2016, the retirement of the Operations Manager in May 2016, and notice from the current Administrative Services Manager (ASM) of his intent to retire within the next year, the General Manager has determined that timely backfilling of these key executive positions is mission-critical and has developed a succession plan for these recruitment efforts.

Additionally, development in the District continues at a rapid pace and the Board on May 17, 2016 approved a budget adjustment increase spending for inspection services and to authorize the hiring of Supplemental Field Observation Support Services. The General Manager has determined it would be beneficial to hire one additional staff person into the Engineering department to provide support, training and continuity to supplement the current staff and assist with the workload generated by the current development activity.

Historically staff have not been replaced until a position is vacated. District staff have worked aggressively to fill all open positions during the past year and anticipates being fully staffed in FYE 2017.

The General Manager briefed the Finance and Personal Committee at their meeting held on May 31, 2016 and provided some contextual background on steps staff has proposed to address these staffing challenges. A separate Board item is being presented this evening to outline additional steps to be taken to address the General Manager's staffing plan.

In accordance with Board Personnel Policy P700-13-1, Staff Organization, and the Board Finance policy P400-15-2, Budget Accountability, staff recommends the Board approve the requested adjustment to the fiscal year 2017 operating budget FTE to be temporarily increased by two (2.0) FTE from 113 to 115. Staffing will be returned to a maximum FTE count of 113 no later than June 30, 2017 through a process of attrition.

Committee Review			Legal Review	Staff Review		
COMMITTEE ---	DATE ---	RECOMMENDATION ---	Not Required	ORIGINATOR J. Archer	DEPARTMENT Admin Services	REVIEWED BY
<b>ATTACHMENTS</b> <input type="checkbox"/> None						
<input checked="" type="checkbox"/> Resolution	<input type="checkbox"/> Minute Order	<input type="checkbox"/> Task Order	<input type="checkbox"/> Staff Report	<input type="checkbox"/> Ordinance		
<input checked="" type="checkbox"/> Cost \$200,000	<input type="checkbox"/> Funding Source A. 900 B.		Attachments to S&R 1. 2. 3.			

RESOLUTION NO. \_\_\_\_\_

RESOLUTION OF THE BOARD OF DIRECTORS OF DUBLIN SAN RAMON SERVICES DISTRICT APPROVING OPERATING BUDGET ADJUSTMENT FOR FISCAL YEAR ENDING 2017

---

WHEREAS, the District prepares a two-year budget that is reviewed periodically to determine if any substantive changes are needed; and

WHEREAS, the Board has adopted a Strategic Plan that recognizes that personnel are critical to supporting the mission of the District and Plan section 1.08 provides direction to “Hire and train replacement staff in a timely manner”; and

WHEREAS, the Board previously approved the two-year budget on June 2, 2015; and

WHEREAS, the budgets as presented provide a financial plan that supports the Board’s policy objectives as expressed in the District Strategic Plan; and

WHEREAS, the Board specifically adopts budget with a maximum number of authorized full-time equivalents (FTE) that shall at no time be exceeded without prior Board approval; and

WHEREAS, the District is currently in the process of recruiting for several critical staff positions which will be impacted by retirements; and

WHEREAS, the Board finds that a temporary increase in the number of FTE would allow for the hiring of new staff in a manner that allows the transfer of critical knowledge and information to these new staff for the benefit of the District, its staff, and its ratepayers; and

WHEREAS, the Board finds that to critically control costs the temporary increase in the number of FTE will be eliminated by July 1, 2017.

Res. No. \_\_\_\_\_

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, that

1. The maximum number of full time equivalent (FTE) positions as shown in the following table are hereby approved. At no time shall the number of regular and limited term FTE positions exceed that shown below without prior Board approval. Furthermore, the total of the salaries for regular positions as shown in the budget shall not be increased through conversion of limited-term positions to permanent positions without prior Board approval.

<b>Position Type</b>	<b>FYE 2017</b>
Regular FTE	115.00
Limited Term FTE	0.00
<b>Total FTE Positions</b>	<b>115.00</b>

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 21st day of June 2016, and passed by the following vote:

AYES:

NOES:

ABSENT:

---

D. L. (Pat) Howard, President

ATTEST: \_\_\_\_\_  
Nicole Genzale, District Secretary