

CRESCENTA VALLEY WATER DISTRICT

**2700 Foothill Boulevard
La Crescenta, California**

**Agenda for the
Adjourned Regular Meeting of the Board of Directors
of the Crescenta Valley Water District
to be held on Tuesday, April 19, 2016 at 7:00 p.m.**

Posted: April 15, 2016 at 3:00 p.m.

Any written materials distributed to the Board in connection with this agenda will be made available at the same time for public inspection at the District office located at the above address.

Call to Order and Determination of Quorum

Pledge of Allegiance

Adoption of Agenda

Public Comments

At this time the public shall have an opportunity to comment on any non-agenda item relevant to the subject matter jurisdiction of the Board. This opportunity is non-transferable and speakers are limited to one three (3) minute comment.

Foothill Municipal Water District Report

1. Report on activities at Foothill Municipal Water District.

Consent Calendar

1. Consideration and approval of Minutes of the Regular Meeting on April 5, 2016.
2. Ratification of Disbursements for March 2016.

Action Calendar

The public shall have an opportunity to comment on any action item as each item is considered by the Board prior to action being taken. This opportunity is non-transferable and speakers are limited to one two (2) minute comment.

1. **Appeal of High Water Bill** – Consideration and possible action to grant a request for relief from a high water bill by Pamela Scott of 4320 Maryland Ave.
2. **ACWA Outreach Alert** – Discussion and possible action regarding an ACWA Outreach Alert asking for action needed to preserve local control over long-term water conservation and management strategies.
3. **Fiscal Year 2016/17 Preliminary Water and Wastewater Budgets** - Discussion of Preliminary Water and Wastewater Rate Structures Options
4. **Preliminary Proposition 218 Notification for Proposed Water and Wastewater Rates and Charges** – Discussion of preliminary Proposition 218 Notification letter for proposed increases to water and wastewater rates and charges.
5. **Large Lot Exemption** – Discussion and possible action related to a water rate exemption for large lots.
6. **Water and Wastewater Cost of Service Study, Project M-958** – Discussion of the preliminary cost of service analysis as part of the Water and Wastewater Cost of Service Study.

Information Items

Written Communications to District

Staff Reports

- Secretary-Treasurer
- General Manager
- District Engineer
- Program Specialist
- Information Technology

Attorney Report

Reports of Committees

- Engineering Committee
- Finance Committee
- Employee Relations Committee
- Policy Committee
- Community Relations/Water Conservation Committee
- Emergency Planning Committee

Director's Oral Reports

Report on issues, meetings, or activities attended by Directors.

Closed Session

- **Conference with Legal Counsel**
 - o Existing litigation pursuant to paragraph (1) of subdivision (d) of Section 54956.9: Crescenta Valley Water District vs. City of Glendale, et al., Los Angeles Superior Court case no. BC595199.
- **Conference with Labor Negotiators (§54957.6)**
 - o District negotiators: Thomas Love and Ron Mitchell
 - o Employee organization: AFSCME
- **Conference with Labor Negotiators (§54957.6)**
 - o District negotiators: Thomas Love
 - o Employee organization: Management Unit

Board Members' Request for Future Agenda Items

Adjournment

CRESCENTA VALLEY WATER DISTRICT

REGULAR MEETING, BOARD OF DIRECTORS

April 5, 2016

Pursuant to the order of the Board of Directors of the Crescenta Valley Water District, made at the Adjourned Regular Meeting of March 15, 2016, a Regular Meeting was held on April 5, 2016, at 6:00 p.m. at the District office at 2700 Foothill Blvd., La Crescenta, California, with President Kerry D. Erickson presiding.

At roll call, the following Directors and staff members were present:

Directors:

**James D. Bodnar
Michael L. Claessens
Kerry D. Erickson
Kenneth R. Putnam
Judy L. Tejeda**

Attorney:

Thomas S. Bunn

General Manager:

Thomas A. Love

Secretary-Treasurer:

Ron L. Mitchell

District Engineer:

David S. Gould

Others Present:

**Wendy Holloway, Customer Accounts Supervisor
Christy Scott, Program Specialist
Dave Spain, Interim Superintendent
Dennis Maxwell, Maintenance Supervisor
Sudir Pardiwala, Raftelis Financial Consultants
Kevin Kostiuk, Raftelis Financial Consultants
Kathy Ross, FMWD Board of Director**

PLEDGE OF ALLEGIANCE

President Erickson opened the meeting by asking Director Tejeda to lead the Board and staff in reciting the Pledge of Allegiance.

PUBLIC WORKSHOP

President Erickson opened the Public Workshop at 6:00 p.m. Mr. Love gave a presentation on the Water and Wastewater Rate Study status, alternative rate structures for both water and wastewater rates. He talked about the three choices for the Board's consideration; Uniform (flat) Rates, Water Budget Allocations, and Inclining Tiers (current rate structure). He also talked about the current rate structure and an alternative structure for the sewer charges that would have a fixed charge and a variable component for single family and multifamily customers. Mr. Love said that staff will be finalizing the rate structure plan, have a draft cost of service rate study report, will provided the Proposition 218 Notice after decisions are made with comments from the Board of Directors. President Erickson closed the Public Workshop at 6:50 p.m.

ADOPTION OF AGENDA

It was moved by Director Bodnar, seconded by Director Tejeda and carried by a 5-0 vote that the Agenda for the Regular Meeting of April 5, 2016 be adopted as presented.

PUBLIC COMMENT – None

FOOTHILL MUNICIPAL WATER DISTRICT REPORT – Kathy Ross reported that there will be a Water Committee meeting on April 13, 2016, and the Board meeting will be on April 18, 2016. She also reported that she attended the Rockhaven Well dedication and is proud of the work that the District has done.

CONSENT CALENDAR

It was moved by Director Bodnar, seconded by Director Tejeda and carried by a 5-0 vote to approve the Minutes of the Adjourned Regular Board Meeting held on March 15, 2016 and the Special Board Meeting held on March 22, 2016.

ACTION CALENDAR

Audit Services for FY 2016-2018 – Mr. Mitchell reported that Fedak & Brown LLP has performed the District's annual audit services for the last seven years. Recently they have undergone reorganization and have been able to significantly reduce their overhead cost. As a result they have submitted a proposal to perform the District's audit services for the next three years at a reduced cost. Staff has met and discussed this proposal with the Finance Committee and they have been very pleased with the audit services provided by Fedak and are in support of continuing our relationship with them for our audit services. There was discussion to change out the auditors every few years and asked if staff has solicited any other bids for this year. It was recommended that the District retain Fedak and Brown this year fiscal and to go out for bids for the next fiscal year.

Following discussion:

It was moved by Director Tejeda, seconded by Director Bodnar and carried by a 5-0 vote to accept the contract proposal from Fedak & Brown LLP for one (1) year at a cost not-to-exceed \$19,500.

Water and Wastewater Cost of Service Study, Project M-958 – Mr. Gould reported that at the March 22, 2015 meeting Raftelis Financial Consultants (RFC) gave a presentation discussing alternative water rate structure and provided examples of customer impacts for each alternative rate for a lower user, average user, and large user. RFC has done a wastewater cost of service analysis and proposed wastewater rate structure, which these were discussed in the Public Workshop. Mr. Gould discussed the fixed rate option and the fixed + variable rate option. Following discussion, the Board has directed staff to proceed with a tier 2 rate structure on water, and the fixed + variable rate structure for the wastewater. The next step is to complete the Water and Wastewater Cost of Service study including the proposed rate structures for final approval from the Board of Directors, and this information will be used for the upcoming Proposition 218 Notice.

FY 2016/17 Water and Wastewater Budgets – Mr. Gould reported that at the March 22, 2016 meeting, the Board had asked staff to go back and identify any additional expenses that could be reduced for the proposed budget and the elimination of the transfer for additional fund from the MTBE fund for the Finance Committee meeting on March 29, 2016. Staff met with the

Committee and presented a revised preliminary water budget for FY 2016/17 with a total expense reduction of \$169,300 or 8% from the previous proposed budget. With the proposed reductions and the elimination of the \$1,000,000 transfer from the MTBE fund, there still will be a required rate increase of 8.4% in FY 16/17 and greater rate increases in the following years. It was recommended by the Finance Committee to include the \$1,000,000 transfer from the MTBE fund thus reducing the preliminary rate increase to 6.5%. Staff will meet with the Finance Committee on April 8, 2016 to go over the set points to set the tiered rates and will bring back to the Board on April 19, 2016 for discussion on the Proposition 218 Notice.

INFORMATION ITEMS – CV Weekly: Crescenta Valley Water District dedicated well at Rockhaven. Desert Sun: CalPERS to buy up to 25% ownership stake in the 550-megawatt solar plant, in Riverside County. Desert Sun: Coachella Water rates could spike. CV Weekly: News from CVWD.

WRITTEN COMMUNICATIONS TO DISTRICT – Letter from customer expressing their sincere appreciation of the exemplary services provided by our employee, Dennis Maxwell.

REPORTS OF PERSONNEL

SECRETARY-TREASURER – Mr. Mitchell provided the Summary of Cash and Investment report which contained the following items:

Investment Portfolio Summary – as of April 1, 2016:

Cash Accounts	\$644,208
Great Pacific Securities	
Bond Debt Service Fund Acct	\$382,193
Local Agency Investment Fund	\$3,735,782
Transfer from MTBE Reserve	\$2,000,000
Federal Farm Credit (78) CALLED	
Federal Farm Credit (83)	\$499,705
Federal Farm Credit (86)	\$1,005,600
Federal Farm Credit (87)	\$499,960
Federal Farm Credit (96)	\$1,006,230

MTBE Contingency Funds

Local Agency Investment Fund	\$3,493,304
Great Pacific Securities	\$51,937
Transfer to Water Reserve	(\$2,000,000)
Federal Farm Credit (M-44)	\$1,137,210
Federal Farm Credit (M-45)	\$1,004,010
Federal Farm Credit (M-46)	\$992,890
Federal Farm Credit (M-47)	\$1,022,320
US Treasury (M-48)	\$997,350

Fund Balances

Water	\$12,085,308.78
Wastewater	\$4,564,184.82

GENERAL MANAGER – Mr. Love reported he has no written report, however he did say that it has been almost two (2) full years without a lost time accident and is planning a lunch for the employees when that date is reached. He also said that FMWD will have a budget meeting on April 6, 2016 at 10:00 a.m.

DISTRICT ENGINEER

Water Production – For the period of March 1 through March 31, 2016, water production averaged 81.2 million gallons per day, which is **26.7% less** than the daily average production of the same period in 2015. This is **30.0% less** from the daily average production of the previous five years. SWRCB Conservation – 28.6% less than June 2013 – February 2014 period.

Rainfall: March 2016	3.83”
Season-to-date:	12.17”

Administrative and Field Operations – Mr. Gould provided a memorandum and discussed the following:

Rainfall Update – 3.83” for March 2016. Rainfall total for 2015-16 is 12.17”.

Report on Engineering

CIP Projects – Ocean View Chlorination Project – Building – Complete. Electrical Work – Under Construction. Treatment System – to be installed by end of April. Pipeline Projects – Under Construction on 3900 Block of Park Place. Community Meeting on 2700 Block of Harmony – April 7, 2016 at 6:00 p.m. Well 16 – Piping & Building – Building and Facilities – Final Project close out. Pickens Canyon Slope repair – Complete.

Water and Wastewater Cost of Service Study – Discussion at Board Meeting.

Nitrate Removal Treatment Facility at Well 2 Project – 50% technical memorandum by April 22, 2016.

Crescent Valley County Park Stormwater Recharge Facility Study – No Report.

ULARA – No Report

La Canada Flintridge – Water Committee – No Report

Water Meter Replacement Program – FY 15/16 Water Meter Replacement Program – replaced 630 meters to date.

Report on Administrative and Field Operations:

Well Status – Well production capacity averaging 2.2 MGD for March with Well 16 in service. Well 16 pumping at 325 gpm and will slowly ramp up to 400 gpm.

Field Maintenance and Operations update for March 11 – March 31, 2016

Water lateral leaks & repairs

- 2339 & 2340 Janet Lee
- 2510 Countryside
- 4802 El Sereno
- 2463 Montrose
- 2763 Fairmount

- 3147 Encinal
- 4451 Ramsdell
- 3130 Encinal

Water Main Leaks – No Report

Reservoir Maintenance – No Report

Fire Hydrant Repair – No Report

Developer Job – No Report

Sewer Maintenance – 2900 Block of Harmony. 2800 – 2900 Blocks of Henrietta. 2800 – 2900 Blocks of Orange. 2800 – 2900 Blocks of Adams. 2800 – 2900 Blocks of Santa Carlotta. 2800 – 2900 Blocks of Los Olivos. 2800 – 2900 Blocks Sanborn. 2800 – 2900 Blocks Frances. 4900 – 5100 Blocks of Glenwood. 2800 – 2900 Blocks of Paraiso Way. 2800 – 2900 Blocks of Stevens. 2800 – 2900 Blocks of Alabama. 2800 – 2900 Blocks of Fairmount. 4500 – 4600 Blocks of Dyer.

PROGRAM SPECIALIST –

Monitoring Report Submitted to State for March 2016:

***Production Numbers**

- | | |
|--|--------|
| • Total Water Production March 2016: | 249 AF |
| • Total Water Production March 2013: | 351 AF |
| • Percent Reduction: | 29% |
| • Residential Gallons per Capita per Day(R-GPCD) March 2016: | 72 |

***Compliance Reporting**

- | | |
|---------------------------------------|----|
| • Days of outdoor Irrigation Allowed: | 2 |
| • Number of Water Waster Complaints: | 14 |
| • Number of Follow-ups: | 14 |
| • Number of Warnings: | 14 |
| • Number of Penalties: | 0 |

***Mandatory Water Reduction Goal**

- | | |
|--|--------------------------|
| • Compliance Period: | June 2015 – October 2016 |
| • Compliance Goal (Based on a 22% required reduction): | 1530 AF |
| • Acre Feet Saved for February | 102 AF |
| • Acre Feet Saved to Date | 1032 AF |
| • Percentage of Goal Saved | 67.4% |
| • Acre Feet Saved Beyond Required Target | 498 AF |

Mandatory Water Reduction Goal numbers have been updated to reflect the new compliance target as calculated to extend the State compliance period through October 2016. The required reduction is being calculated at 22% which represents the required reduction calculated according to the State method less the 2% variance for Evapotranspiration (ETO) rate in zone 9. The District did apply for an additional variance based on the ETO rate as calculated at the Glendale CIMIS station. However, the District does not anticipated being granted any further reduction. The water savings for the month of March exceeds the expected amount by approximately 50 acre feet. This could possibly be due to the MWD shutdown and the cooler weather and precipitation. Staff is monitoring water usage

daily to ensure that the District will meet the final goal, and still remains on track to reach the required reduction goal for the compliance period.

Staff will be monitoring production daily and reporting to the Board the status of the mandatory water reduction goal. Staff is also prepared to modify its existing outreach and enforcement actions should that be necessary.

The 2015 UWMP is due to the Department of Water Resources July 1, 2016. The District has sent out 60-day notification letters to the required agencies and is tentatively planning on holding the required public hearing on Tuesday May 17, 2016. SA Associates is preparing the UWMP and should be available for review by next week and staff will review the initial draft and deliver to the Board of Directors when corrected. Ms. Scott also said that on April 16th will be the Hometown Fair at CV Park from 10:00 a.m. to 6:00 p.m.

INFORMATION TECHNOLOGY – No Report

ATTORNEY – Mr. Bunn reported on the status of SB 814, concerning penalties for excess water use. He also reported on legislation enacted in 2015, requiring special districts to hold their elections at the same time as statewide elections.

REPORTS OF COMMITTEES

Engineering Committee – Mr. Gould reported that the Committee had not met; however a meeting will be scheduled as needed.

Finance Committee – Director Erickson reported that the Committee will meet on April 8, 2016 at 9:00 a.m.

Employee Relations Committee – Director Bodnar reported that the Committee will meet on April 21, 2016 at 4:00 p.m.

Policy Committee – Director Claessens reported that the Committee had not met; however a meeting will be scheduled as needed.

Community Relations/Water Conservation Committee – Director Putnam reported that the Committee had not met; however a meeting will be scheduled as needed.

Emergency Planning Committee – Director Claessens reported that the Committee had not met; however a meeting will be scheduled as needed.

DIRECTORS ORAL REPORTS

Director Tejeda – No Report

Director Bodnar reported that he attended the FMWD sponsored landscape class last Saturday, and on Sunday he attended the Theodore Payne Garden tour. He said that the state allocation is at 45%, and that MWD is moving into a storage mode and trying to decide where to store water. MWD allocation decision will be in May.

Director Putnam – No Report.

Director Claessens – No Report

Director Erickson reported that he only used 9 billing units on his last water bill.

CLOSED SESSION – No reportable action

ADJOURNMENT

There being no other business to come before the Board at 9:05 p.m., it was moved by Director Tejada and seconded by Director Claessens that the meeting be adjourned to April 19, 2016 at 7:00 p.m.

APPROVED

Kerry D. Erickson
President

Ron L. Mitchell
Secretary-Treasurer

CASH DISBURSEMENTS LIST

MARCH 2016



Check #	Check Date	Payable To	Description	Water Amount	Wastewater Amount
0	3/28	Southern California Edison Co.	Power purchased	17,290.45	279.10
33448	3/1	Ambient Environmental, Inc.	Lab sampling for MTBE in monitoring wells	4,536.00	
33449	3/1	AMEC Foster Wheeler Environment & Infra	E-903A services through 12/25/15	7,364.00	
33450	3/1	Aqua - Metric Sales, Co.	3 - 1-1/2"water meters for stock	4,558.24	
33451	3/1	Building Block Entertainment Inc	2 classes on "H2O Where Did You Go?"	925.00	
33452	3/1	California Building Evaluations & Const., Inc,	E-940 - Well 16 Construction of facilities	85,845.56	
33453	3/1	California Water Environment	Memebership & Certification renewal - J. Ortega	81.00	164.00
33454	3/1	Cannon	E-940 - Services through 01/31/16	22,695.96	
33455	3/1	Charles P. Crowley Co.	E-733-CS Chlorine Analyzer - Sample Pumps - Spare parts	16,290.84	
33456	3/1	City of Glendale	Water system fees - ULARA	5,361.52	
33457	3/1	City of Glendale Water & Power	Power purchased	28,593.87	25.54
33458	3/1	Civiltec Engineering Inc	E-733-CS services through 01/31/2016	1,022.30	
33459	3/1	Contractor Compliance & Mont Inc.	E-940 Well 16 Complicance Labor services 01/2016	786.25	
33460	3/1	Culver Company, Inc	White laminted bags with CWD logo	2,231.10	
33461	3/1	Direct Connection	Business cards for Bryan Jones	18.99	18.99
33462	3/1	DMC Engineering	E-957 Pickens Canyon Slope repair surveying & mapping	6,861.44	
33463	3/1	General Consolidated Constructors, Inc	E-733CS-2 Building construction PP1	79,947.58	
33464	3/1	Harrington Ind Plastics LLC	4" pvc couplings, elbows, pipes and cement	1,321.34	
33465	3/1	J & K Welding	Welding services for D-15-41 - Piedmont	950.00	
33466	3/1	L.A. County Dept. Public Works	E-956 Well 2 consultant application fee	15,292.75	
33467	3/1	LA Dept Water and Power	Power purchased	45.46	
33468	3/1	Lincoln Financial Group	Dental, Life and Disability insurance for 03/2016	3,165.34	2,110.21
33469	3/1	Logan Supply Co. Inc	White marking paint and Dixon banding	166.89	51.32
33470	3/1	Matt-Chlor Inc	Valve assembly for Glenwood Plant	286.82	
33471	3/1	Miller & Axline Corp.	Attorney fees related to MTBE settlement recovery	3,159.72	
33472	3/1	New Image Landscaping & Tree Service, Inc.	Monthly maintenance	1,002.50	177.50
33473	3/1	Northern Safety Co., Inc	Misc first aid supplies	57.49	19.16
33474	3/1	Paveco Construction Inc	Supplementary billing for List 16-07	31,872.33	1,874.94
33475	3/1	Raftelis Financial Consultants, Inc	M-958 Cost of service study - services rendered for Jan. 2016	4,238.83	4,238.82
33476	3/1	Rollapart Buildings, Inc.	E-940 - Well 16 building	60,293.40	
33477	3/1	Serge's Automotive	Parts and labor to repair Unit #23A	255.45	85.15
33478	3/1	Tesco Controls, Inc	E-940 Well 16 Field Service start up and test	32,500.00	
33479	3/1	The Gas Company	Gas purchased at Office	98.85	32.95

Check #	Check Date	Payable To	Description	Water Amount	Wastewater Amount
33480	3/1	Ver Sales, Inc	2 - 6' lifting straps	94.23	94.22
33481	3/1	Western Water Works	10" repair clamps; 6" gate valves; weld flanges & weld nozzles	2,242.41	
33482	3/7	Anawalt Lumber & Materials Co.	Misc hardware 02/2016	72.62	
33483	3/7	AVAYA Financial Services	Land line lease	380.68	126.90
33484	3/7	CalPERS	Employee contributions	20,851.68	12,523.64
33485	3/7	Capital One Commercial	Miscellaneous supplies	3.70	3.70
33486	3/7	Cash-Petty Cash	Reimburse petty cash	323.17	56.94
33487	3/7	Charles P. Crowley Co.	E-733-CS - Shipping charges	140.00	
33488	3/7	Choice Pest Control	Monthly service at various sites	194.75	47.25
33489	3/7	City of Glendale Police Dept	2 Alarm call outs	472.50	157.50
33490	3/7	Colonial Life & Accidents Ins.	Employee paid insurance	183.61	
33491	3/7	Dell Marketing L.P.	Lease contract	415.34	138.44
33492	3/7	Eurofins Eaton Analytical Inc.	Water analysis	744.00	
33493	3/7	Great America Leasing Corp.	Kyocera Copier lease	434.91	434.91
33494	3/7	Harrington Ind Plastics LLC	4" couplings for nitrate plant	289.83	
33495	3/7	Pete Hilke	Mileage reimbursement 02/2016	153.73	
33496	3/7	Houston Irrigation Services, LLC	3 cages for small generators at Encinal, Oak Creek & Ocean View reservoirs	1,550.00	
33497	3/7	Just Tires, Inc.	4 tires inspection and balancing for unit 6		140.97
33498	3/7	Matt-Chlor Inc	Chlorine pumps for Mills Plant	4,815.11	
33499	3/7	Mimecast North America, Inc.	Email sercurity	150.00	50.00
33500	3/7	Newegg, Inc.	Server hard drive	294.27	98.09
33501	3/7	O'Reilly Auto Parts	Misc parts 02/2016	306.79	134.95
33502	3/7	Office Depot - Credit Plan	Misc supplies	143.28	143.27
33503	3/7	Priority Mailing Systems, LLC	Postage machine ink cartridge	116.80	116.79
33504	3/7	Ramco	Crushed miscellaneous base for 02/2016	2,106.76	
33505	3/7	Ready Refresh by Nestle	Distilled water	75.87	
33506	3/7	Sawyer Petroleum	592 gallons diesel fuel	934.65	311.55
33507	3/7	Spectrum Business	Data communication at Office 02/2016	1,731.52	577.17
33508	3/7	Spectrum Business	Data communication at Glenwood and Mills House 02/2016	2,391.24	797.07
33509	3/7	The Gas Company	Gas purchased at Plant & Mills House	140.67	46.88
33510	3/7	Univar USA Inc	1,530 gallons of bleach at Mills & Glenwood	2,469.97	
33511	3/7	Vision Service Plan Co-(CA)	Group vision 03/2016	324.38	142.72
33512	3/7	Waste Management - Sun Valley	Disposal service at Plant & Office	699.61	233.21
33513	3/7	Western Water Works	Wattles and wood stakes for erosion control	152.60	
33514	3/11	Mark Hass	Health reimbursement	73.33	48.89
33515	3/11	Ron Mitchell	Health reimbursement	1,090.64	727.09
33516	3/11	Lynne Sovich	Health reimbursement	89.72	59.81
33517	3/15	ACWA/Joint Powers Ins. Authori	Property Program Renewal Billing for 4/1/16 to 4/1/17	7,070.50	7,070.50

Check #	Check Date	Payable To	Description	Water Amount	Wastewater Amount
33518	3/15	ACWA/JPIA	Health insurance for April 2016	30,868.41	19,946.83
33519	3/15	Adams Pipeline Tapping	6" hot tap for D-15-37 Mayfield & Briggs	400.00	
33520	3/15	ADS, LLC	Monthly monitoring sewer flow		1,010.00
33521	3/15	Airgas USA, LLC	Monthly cylinder rental	178.18	178.17
33522	3/15	Ameripride Uniform Services, Inc	Uniform rentals	601.50	200.50
33523	3/15	ARC	Monthly bond plot copies	746.57	248.86
33524	3/15	AT&T	PRI Usage 03/2016	3,272.47	1,056.94
33525	3/15	Khorik Babayan	Refund Check	28.33	
33526	3/15	BC Laboratories, Inc	Water analysis	2,072.85	
33527	3/15	BC Laboratories, Inc	Water analysis	1,458.50	
33528	3/15	Natalie Bellissimo	Mileage reimbursement for Jan and Feb 2016	46.39	1.25
33529	3/15	California Building Evaluations & Const., Inc,	M-955 Mills Booster B - retention payment	1,795.75	
33530	3/15	Campbell's Automotive Service	Unit #1 -Check Brakes lights and R&R master cylinder; Unit #6 - R&R front and rear brakes and flush system	383.80	1,003.28
33531	3/15	Capital One Commercial	Misc supplies	615.74	615.73
33532	3/15	Cargill, Inc - Salt Division	24.59 tons of bulk solar salt	3,086.43	
33533	3/15	Yue-Hsin Chen	Refund Check	126.05	
33534	3/15	City of Los Angeles	Capital & O/M portion of Asssc		199,311.00
33535	3/15	Coastline Equipment Co.	Maintenance and repairs to Unit #21 (Komatsu tractor)	3,128.19	1,042.73
33536	3/15	Coastline Equipment Co.	Maintenance and repairs to Unit #19 (John Deere 544J) tractor	3,745.72	1,248.56
33537	3/15	Corporate Telecomm	Land Line lease	210.65	70.21
33538	3/15	Dataprose LLC	Printing and postage for controls 1-4	1,568.25	1,568.24
33539	3/15	Do-it Center	Misc hardware 02/2016	66.71	5.38
33540	3/15	E & R Construction, Inc.	E-940 Well 16 Progress payment #4	63,976.50	
33541	3/15	Education & Training Services	Management & Supervisory Leadership training for R. Dodge	374.25	124.75
33542	3/15	Eurofins Eaton Analytical Inc.	Water analysis	190.00	
33543	3/15	Robin Evans	Refund Check	8.00	
33544	3/15	Fire Master	Service for 2 fire extinguishers	755.45	251.80
33545	3/15	First Choice	Coffee service office	105.40	105.40
33546	3/15	Foothill Municipal Water	Water delivery	130,798.31	
33547	3/15	Gempler's	Plastic speed bumps for hose to hose connections	259.14	
33548	3/15	Joshua Godson	Refund Check	100.00	
33549	3/15	Grainger	Keypad enclosure and fuses for Glenwood gates	156.63	64.63
33550	3/15	Home Depot Credit Services	Overhead light for Glenwood Plant	82.10	27.37
33551	3/15	J & K Welding	Fit & welding for 6" hot tap & 6" nozzle for fire hydrant	850.00	
33552	3/15	J Lauren Hair Studio	Refund Check	72.25	
33553	3/15	J&R Concrete Products, Inc	Polymer & concrete meter boxes, meter covers, and reading lids	13,348.91	
33554	3/15	KR Nida Companies	Unit #46 - Repair lights on valve truck	219.22	73.08
33555	3/15	L.A. County Dept. Public Works	Excavation permit	2,460.00	

Check #	Check Date	Payable To	Description	Water Amount	Wastewater Amount
33556	3/15	LA County Tax Collector	Annual property tax	6,251.17	2,083.70
33557	3/15	Lagerlof, Senecal, Gosney & Kr	Legal services 02/2016	3,538.00	1,250.00
33558	3/15	Lagerlof, Senecal, Gosney & Kr	Public Water Agencies Group	604.69	201.56
33559	3/15	Hyeo Keong Lee	Refund Check	68.98	
33560	3/15	Lock-Up Inc.	Repair gates at Glenwood Plant	873.75	291.25
33561	3/15	Logan Supply Co. Inc	4 cases of blue marking paint and 4 cases of white marking paint	659.66	91.12
33562	3/15	Newegg, Inc.	6.0Gb/s 3.5" internal hard drive	556.36	185.44
33563	3/15	Orchard Supply Hardware	Misc hardware 02/2016	738.32	259.75
33564	3/15	Fatima Pagtakhan	Refund Check	1.56	
33565	3/15	Paper Cuts, Inc	Paper shredding	26.88	26.87
33566	3/15	Paveco Construction Inc	List 2015-16-12 - various paving locations	9,137.35	
33567	3/15	Plumbers Depot Inc	Camlock 2" threads		21.68
33568	3/15	Registrar- Recorder County Clerk	Costs incurred prior to cancellation of election	40.78	40.77
33569	3/15	Tim Shepard	Refund Check	99.30	
33570	3/15	Star Brite Bldg. Maintenance Inc	Janitorial Service 03/2016	618.75	206.25
33571	3/15	Sully-Miller Contracting Co.	Cold mix	546.72	
33572	3/15	Underground Service Alert/SC	Underground notification for 02/2016	189.00	63.00
33573	3/15	US Bank	Administration Fees - 2/1/16 to 1/31/17	1,650.00	
33574	3/15	Gregorio Villar III	Refund Check	28.29	
33575	3/15	Western Water Works	Weld reducers; gate valves; weld bells; tees; flanges; parts for E-960	30,692.16	
33576	3/23	ACV Systems, LLC	Well 16 start up & setting of backpressure sustaining valve	600.00	
33577	3/23	Aflac	Employee paid insurance	1,323.53	
33578	3/23	AT&T Mobility	Cell phone service	1,078.13	359.37
33579	3/23	BC Laboratories, Inc	Water analysis M-903A	76.25	
33580	3/23	James Bodnar	Reimbursement for ACWA 2016 Legislative Symposium	239.40	79.79
33581	3/23	California Water Environment	Membership renewal Raymond Dodge	123.00	41.00
33582	3/23	Choice Pest Control	Monthly service at various sites	263.00	113.00
33583	3/23	Contractor Compliance & Mont Inc.	E-940 Well 16 Labor Compliance service 02/2016	722.50	
33584	3/23	Levon Erdoglyan	Refund Check	27.18	
33585	3/23	Melanie Fey	Refund Check	1.26	
33586	3/23	Foothill Municipal Water	Glen/CVWD/FMWD interconnection Jan-Feb 2016	152.82	
33587	3/23	Mark Hass	Longevity pay - 10 years of service	75.00	25.00
33588	3/23	Diana King	Refund Check	38.66	
33589	3/23	LA Dept Water and Power	Power purchased	45.46	
33590	3/23	Lance Allen Company, Inc	Copies charges for office	867.52	867.51
33591	3/23	Mimecast North America, Inc.	Email security	150.00	50.00
33592	3/23	New Image Landscaping & Tree Service, Inc.	Monthly maintenance	1,002.50	177.50
33593	3/23	Northern Safety Co., Inc	Safety glasses	84.84	28.28

Check #	Check Date	Payable To	Description	Water Amount	Wastewater Amount
33594	3/23	Plumbers Depot Inc	New sewer hose for Vactor truck		2,020.86
33595	3/23	Shell	Gas purchased 02/2016	856.88	285.62
33596	3/23	Robert Sieger	Refund Check		1.00
33597	3/23	Trench Shoring Company	Steel plate for D-15-37 Mayfeild & Briggs	957.50	
33598	3/23	UPS	Shipping charges	10.90	10.89
33599	3/23	Vulcan Materials Company	Mixed bobtail base	245.00	
33600	3/23	Wells Fargo Card Services	Gould:AWWA D-2 review class (Alvarez); Backflow review course (Halaszynski & Rawlings); D3-D4 review class (Avila); pizza for safety lunch	1,626.91	542.30
33601	3/23	Wells Fargo Card Services	Hass: Monthly recurring charges; computer hardware; cell phone supplies; board mtg dinner; signs; renewal of CVWD domain	973.79	412.46
33602	3/23	Wells Fargo Card Services	Mitchell: Board meeting dinner	21.02	7.01
33603	3/23	Wells Fargo Card Services	Scott: Plants for Descanso event; uniform shirts for crews; board mtg dinner; CVHS ad	2,453.48	481.09
33604	3/23	Wells Fargo Card Services	Bodnar: ACWA Legislative Symposium registration	168.75	56.25
33605	3/23	Wells Fargo Card Services	Claessens: ACWA Spring Conference registration	435.00	145.00
33606	3/23	Wells Fargo Card Services	Erickson: ACWA Spring Conference registration	521.25	173.75
33607	3/23	Wells Fargo Card Services	Putnam: ACWA Spring Conference registration	521.25	173.75
33608	3/23	Wells Fargo Card Services	Tejeda: ACWA Spring Conference registration	438.75	146.25
33609	3/23	Clarissa Lulu Yee	Refund Check	65.22	
Subtotals				\$833,487.26	\$272,433.92
Total Disbursements for March 2016				<u>\$1,105,921.18</u>	

Payroll Report for March 2016

Directors	\$1,980.00
Office Regular Payroll	\$129,309.00
Office OT	\$599.00
Plant Regular Payroll	\$96,883.00
Plant OT & Standby	\$9,019.00
Employer Payroll Taxes	\$17,523.00
Payroll Service Charges	\$362.00
Total Payroll	<u>\$255,675.00</u>

CRESCENTA VALLEY WATER DISTRICT BOARD OF DIRECTORS - STAFF REPORT

Item No. 1

April 19, 2016

To: Honorable President and Members of the Board of Directors
From: Ron L. Mitchell – Secretary-Treasurer
Subject: **Appeal of a High Water Bill**

ACTION ITEM:

1. **Appeal of a High Water Bill** – Consideration and possible action to grant a request for relief from a high water bill by Ms. Pamela Scott at 4320 Maryland Ave.

BACKGROUND:

Ms. Pamela Scott owns the property located at 4320 Maryland Ave. and opened her account in 2002. In the April 1-May 31, 2015 billing cycle, the District replaced her old water meter with a new Iperl meter on April 20th as part of the meter replacement program. At the end of that cycle her consumption was 8 units (3 units on the old meter and 5 units on the new Iperl meter). While preparing the billing for the period June 1-July 31, 2015 (her first full billing cycle with the new Iperl meter) it was noted that 88 units of water had passed through the meter. This was sent out twice for a re-read and check for leaks that indicated that the read was correct and no leaks were detected at that time.

Ms. Scott contacted the office about this bill. On August 17, 2015 staff again requested another re-read and a download of the consumption data for the last 30 days from the Iperl meter at the property. It was noted that the download indicated that there may have been a leak somewhere in the irrigation system. Staff spoke with Ms. Scott and informed her of the results and provided her with a copy of the downloaded information. She said that she would have her gardener check or call a plumber. Staff continued to read Ms. Scott's meter every couple of days and results showed that consumption had returned to more normal levels (11 units in the month of August). A copy of the downloaded meter information is included in this packet.

On September 8, 2015 staff received a letter from Ms. Scott (copy enclosed) asking that the District provide her with consumption data for the period immediately after the installation of the new water meter. Unfortunately, the meter only retains that information for 30 days and the dates where the high consumption originated had already been copied over and not available. Ms. Scott requested that her consumption be lowered to her normal level and her bill adjusted accordingly.

Staff continued to take reads to monitor consumption and also bench tested both the old water meter and the new Iperl meter for accuracy. The old meter tested 7.5% slow on high flow tests and 12.5% slow on low flow tests. The new Iperl meter tested 100% accurate on both high flow and low flow tests. This indicates that her previous bills reflected consumption that was less than actually used, but would not explain how her consumption jumped to 88 units for the billing period in question. Staff sent Ms. Scott a letter dated January 15, 2016 informing her of the results of the bench tests and other reads over the last six months and said that we would process an adjustment in the amount of \$300.00, which is the maximum allowed under the District's policy.

On February 2, 2016 Ms. Scott sent a letter accompanied by a letter from her gardener that disputed our assumption that a leak may have existed and was fixed. She re-affirmed her stance that she will not pay her July 31 2015 bill until the proper credit is applied to her account. Staff then sent another letter dated February 19, 2016 stating that we could not do anything more for her and that she would need to appeal to the Board of Directors for additional relief from her high water bill which staff is now bringing to the Board.

Staff has prepared a timeline that shows the date of various activities related to this matter, the meter reading at various points in the process and a description of the activity that was performed in an effort to resolve Ms. Scott's concerns. By looking at the meter readings beginning with the installation of the meter, along with the bench testing of the new Iperl meter, there is a normal progression of reads that indicate that the water Ms. Scott was billed for did in fact pass through the meter and the bill accurately reflect the usage for the period in question. There is no way for staff to know how the water was used on the property, but common issues that can affect the consumption are a leak in the irrigation system, a stuck valve on the irrigation controller that allowed watering to continue for long periods of time, or toilets that stick and run for long periods of time.

In similar situations, the Board has directed staff to recalculate the bill in question charging only tier 2 rates for all usage over the average consumption for that period. If staff uses that same methodology the average consumption for the July 2015 billing period for this account is 21 units and would not go into tiers 3-4. Total consumption was 88 units which mean that the extra 67 units would be billed at tier 2. Staff has prepared a "re-calculated billing" that shows the billing for the period would be \$588.51 instead of the \$917.02 which was billed or a difference of \$328.51. Since staff has already granted a \$300.00 adjustment, the additional credit would be \$28.51 (\$328.51-\$300.00) if the Board were to choose this solution.

RECOMMENDATION:

Staff has already provided the maximum adjustment for this account and is ready to place the remaining balance on an amortization schedule for Ms. Scott.

Prepared by:

Submitted by:

Ron L. Mitchell
Secretary-Treasurer

Thomas A. Love
General Manager

Attachments:

g:\management\board meeting staff reports\2015\04-19-16 board memo - relief request 4320 Maryland..docx

CRESCENTA VALLEY
WATER DISTRICT
2700 FOOTHILL BLVD
LA CRESCENTA, CA 91214-3590

ACCOUNT NUMBER	SERVICE ADDRESS
022719-000	4320 Maryland Ave
DUE DATE	06/01/15 to 07/31/15
TOTAL CHARGES	AMOUNT ENCLOSED
\$747.89	\$

Pamela Scott
2222 Foothill Blvd. #E353
La Canada, CA 91011-14565

CRESCENTA VALLEY WATER DISTRICT
2700 FOOTHILL BLVD.
LA CRESCENTA CA 91214-3590

DETACH AND RETURN THIS PORTION WITH YOUR PAYMENT
KEEP THIS PORTION FOR YOUR RECORDS

ACCOUNT NUMBER	SERVICE ADDRESS	DUE DATE	BILLING PERIOD
022719-000	4320 Maryland Ave.		06/01/15 to 07/31/15
METER NUMBER	CURRENT READ	PRIOR READ	USAGE
77929906	93	5	88

SUMMARY OF CHARGES

Previous Balance	\$75.61
Payment	(\$75.61)
Tier 1 - 10 x \$4.61 (Basic Usage)	\$46.10
Tier 2 - 11 x \$5.96 (Average Usage)	\$65.56
Tier 3 - 0 x 8.50 (High Usage)	\$0.00
Tier 4 - 0 x 8.75 (Excessive Usage)	\$0.00
Excess Water Used -67 x \$5.96	\$399.32
Fixed Service Charge	\$38.64
Glendale Tax	\$38.89
Adjustments	\$0.00
TOTAL DUE	\$588.51

RECALCULATED BILLING STATEMENT



**CRESCENTA VALLEY
WATER DISTRICT**
2700 FOOTHILL BLVD
LA CRESCENTA CA 91214-3590

ACCOUNT NUMBER

022719-000

SERVICE ADDRESS

4320 MARYLAND

DUE DATE

09/03/15

BILLING PERIOD

06/01/15 to 07/31/15

TOTAL CHARGES

\$917.02

AMOUNT ENCLOSED

\$

AUTOSCH 5-DIGIT 91011 1 PS5 93068RA11-A-1
6 1 AV 0.388



PAMELA SCOTT
2222 FOOTHILL BLVD # E353
LA CANADA CA 91011-1456

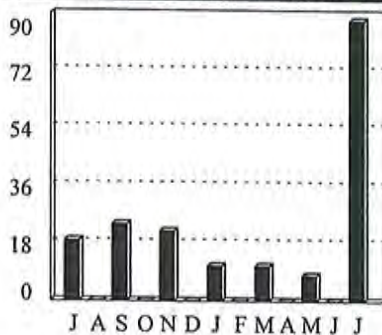
CRESCENTA VALLEY WATER DISTRICT
2700 FOOTHILL BLVD
LA CRESCENTA CA 91214-3590



DETACH AND RETURN THIS REMITTANCE PORTION OF THE BILL WITH YOUR PAYMENT
KEEP THIS PORTION FOR YOUR RECORDS

STATEMENT OF ACCOUNT

ACCOUNT NUMBER	SERVICE ADDRESS	BILL DATE	DUE DATE	BILLING PERIOD	
022719-000	4320 MARYLAND	07/31/15	09/03/15	06/01/15 to 07/31/15	
METER NUMBER	COMMENTS	PRIOR READ	CURRENT READ	USAGE (IN 1,000 GAL)	USAGE LAST YEAR
77929906		5	93	88	19

WATER USAGE in THOUSAND GALLONS

Current
Usage

SUMMARY OF CHARGES

Previous Balance	\$75.61
Payment on 07/13/2015	\$(75.61)
Water Charges	
Tier 1 - 10 x \$4.61 (Basic Usage 0-10 Units)	\$46.10
Tier 2 - 15 x \$5.96 (Average Usage 11-25 Units)	\$89.40
Tier 3 - 12 x \$8.50 (High Usage 26-37 Units)	\$102.00
Tier 4 - 51 x \$11.39 (Excessive Usage 38 +)	\$580.89
Fixed Service Charge	\$38.64
Sewer Charge	\$0.00
Glendale Utility Tax	\$59.99
TOTAL DUE	\$917.02

Due to the severity of the drought and mandatory water reductions from the State, the District is currently in Orange Alert. Outdoor watering is permitted only on Tuesday and Saturday before 9:00 a.m. and after 5:00 p.m. Hosing down any hardscape areas is prohibited. No watering or irrigating on days when the wind is blowing hard enough to cause overspray or during and 48 hours after a rain event. Residents can report waste of water on the District's website www.cvwd.com.



If you have questions regarding this bill or dispute the amount charged, the District's Rules and Regulations (Article 8.05G) permit you to submit a complaint or request an investigation. This process must be commenced by you delivering the complaint or request to the District in writing at least five (5) calendar days of receipt of this bill.

CRESCENTA VALLEY WATER DISTRICT
2700 FOOTHILL BOULEVARD
LA CRESCENTA, CALIFORNIA 91214

FOR MORE INFORMATION
VISIT OUR WEB SITE AT
www.cvwd.com

BILLING INQUIRIES: (818) 248-3925
OFFICE HOURS MON-FRI 8:00 AM - 4:30 pm
24 HR. EMERGENCY #: (818) 249-2185

CVR071715DA86101

PAMELA SCOTT
4320 Maryland Avenue, La Crescenta, CA 91214
818 726 5107, pscott@foothillenterprises.com

RECEIVED

MAR 23 2016

CRESCENTA VALLEY
WATER DISTRICT

March 17, 2016

Mr. Kerry D. Erickson
President of the Board of Directors
Crescenta Valley Water District
2700 Foothill Blvd
La Crescenta, CA 91214

Mr. Erickson:

I am attaching a few notes for background and I am assuming you have all this at your disposal as well.

Bottom line for me is that I am on a fixed income, I am very serious about keeping my bills down and at the same time keeping my use of our precious resources to a minimum.

The day I got my bill in the amount of \$917.02 in August of last year, I went right into your office and began working with Darlene to see what was the cause. After several months of back and forth it was determined that the spike in usage had already been "corrected" by the time I got my bill. Through no repairs on my side. Thus I did not get a high bill and then repair something to correct the problem.

I requested some type of paperwork to show when the spike occurred but was told that is not available. So I have no idea when this spike happened, why it happened or if it happened. I do know that I got a bill for 70,000 gallons more than I have ever used. With plants and grass dying due to the watering schedule cutback, I find it impossible for this reading to be correct. I also know that you recently changed my meter. That is the ONLY change to my watering that has been made.

I live alone. I do one to two loads of laundry a week. I don't have a dishwasher. No water treatments in my yard. A couple years ago I removed my front grass and had a new drip sprinkler system installed along with water resistant plants. How could I use 70,000 gallons of water and not know it?

I am asking you to please reduce this one bill to a normal size or give me some type of written proof that I actually used this much water – a print out. Your attention to this and your help is greatly appreciated.

A handwritten signature in cursive script that reads "Pamela Scott". The signature is written in dark ink and is located at the bottom left of the page.



USAGE HISTORY

03/31/2016 - 12:15 PM

Current Customer: 022719-000

Established On: 2/8/2002

Route # 05

Name: PAMELA SCOTT

Address: 4320 MARYLAND

Meter #: 77929906

Meter Size: .75

Status: A

U/M: Gallons

Meter Install Date: 4/20/2015

2016		2015		2014		2013		2012	
Jan	8	Jan	11	Jan	21	Jan	9	Jan	2
Feb	0	Feb	0	Feb	0	Feb	0	Feb	0
Mar	0	Mar	11	Mar	12	Mar	7	Mar	6
Apr	0	Apr	0	Apr	0	Apr	0	Apr	0
May	0	May	8	May	13	May	13	May	5
Jun	0	Jun	0	Jun	0	Jun	0	Jun	0
Jul	0	Jul	88	Jul	19	Jul	25	Jul	19
Aug	0	Aug	0	Aug	0	Aug	0	Aug	0
Sep	0	Sep	13	Sep	24	Sep	30	Sep	17
Oct	0	Oct	0	Oct	0	Oct	0	Oct	0
Nov	0	Nov	13	Nov	22	Nov	25	Nov	10
Dec	0	Dec	0	Dec	0	Dec	0	Dec	0

AVG
= 21

Timeline of Events for Pamela Scott
4320 Maryland Avenue
Account # 022719-000

Date	Meter Reading	Description of Activity
4/20/2015	-	Meter changed to Iperl - previous meter was installed 11/1990
5/31/2015	5,000	Billing - 8,000 gals used \$75.61 (3 units on old meter and 5 units on new Iperl)
7/31/2015	93,000	Billing - 88,000 gals used \$917.02
8/10/2015	94,904	Sent out for re-read and check for leaks - no leaks read 0094,904
8/11/2015	95,658	Pam sent out service request again to check for leaks and take read - Cesar found no leaks
8/17/2015	95,976	Customer called regarding high bill - sent out service request to check - Cesar found no leaks and noted no front lawn, but has drought tolerant landscaping
8/17/2015	96,691	Service request to download meter information - looks like sprinkler may have a leak somewhere in the irrigation system. Darlene spoke with customer and she will have her gardener check or call a plumber. Gave a copy of download to customer.
8/25/2015	98,474	Service request to take read
8/28/2015	98,569	Service request to take read
8/31/2015	99,347	Service request to take read - Series of readings show that 11,000 gallons were used in August 2015 - gardener possibly fixed problem since last billing
9/8/2015		Received letter from customer regarding high water bill and request to figure out what happened.
9/16/2015	102,819	Service request to download meter
9/17/2015	102,872	Service request to take read
9/18/2015	102,917	Service request to take read
9/30/2015	106,000	Billing - 13,000 gals used \$109.80
10/15/2015		Received letter regarding no response to previous letter dated 9/4/15.
11/17/2015		In response to the customer's letter, a service request to bench test the old Rockwell meter was sent to the field - Cory & Cesar conducted this test on 11/17/15 with the following results:
		Results: high flow test at 100 gallons - 7.5% slow
		med flow test at 10 gallons - 1.5% slow
		low flow test at 10 gallons - 12.5% slow
11/17/2015	115,766	Picture of iperl meter with current reading.

Date	Meter Reading	Description of Activity
11/30/2015	119,000	Billing - 13,000 gals used \$109.80
12/15/2015	121,455	Bench tested Iperl meter that is a customers house - Cory & Cesar conducted this test on 12/15/15 with the following results:
		Results: high flow test at 100 gallons - 100% accurat
		med flow test at 10 gallons - 100% accurat
		low flow test at 10 gallons - 100% accurat
12/17/2015		Received a letter from the customer stating she is not going to pay any of her bills until the proper credit is applied to her account
1/15/2016		District sent a letter to customer stating that we have concluded our investigation and said that even though no leak found, District will issue a \$300.00 credit to account.
2/12/2016		Received a letter from customer dated 2/2/16 with an accompanying letter from her gardener disputing our assumption that a leak may have existed and the gardener fixed it without her knowledge. Re-affirmed her stance that she will not pay her August bill until the proper credit is applied to her account.
1/31/2016	127,000	Billing 8,000 gallons \$79.95
2/19/2016		District sent a letter to customer saying that nothing more can be done at staff level and that any additional relief would have to come from the Board of Directors.
2/19/2016		Payment for \$219.60 - September and November 2015 billings of \$109.80 each.
2/22/2016		Payment for \$79.95 for January 2016 billing.
3/23/2016		Received a letter from customer asking for the Board to reduce her July 2015 billing.
3/31/2016	138,000	Billing 11,000 gallons \$97.04

RECEIVED

SEP 08 2015

CRESCENTA VALLEY
WATER DISTRICT

PAMELA SCOTT
4320 Maryland Avenue, La Crescenta, CA 91214
818 726 5107, pscott@foothillenterprises.com

September 4, 2015

Re: Account 022719-000

My CVWD bill for 5/31/15 - 7/9/15 was \$75.61 - usage 8
The bill for 6/1/15-7/31/15 was \$917.02 - usage 88

I am one of your extremely serious drought resistant followers. Two years ago I took out my front lawn and replaced with all drought tolerant plants. An entire new drip irrigation system was also installed for better water management. My household consists of one person, I do one load of laundry a week, no dishwasher, no pools or ponds.....extremely water wise. The landscape project was very costly for me at the time, but with future water usage savings - well worth it.

When I got this bill I almost had a heart attack. From that point until today I have been working closely with Darlene from your office to see what could possibly account for this enormous jump in water usage. After looking at the chart Darlene provided me with we determined that the spikes only came on sprinkler day and thus there was not a leak on the property. My gardener came out and reset the sprinklers for Tuesday and Saturday. We walked the property and followed each line during its usage. There was consistent water pressure on each station and no leaks at all.

For the past two weeks Darlene has told me the usage is now back to normal. So if there are no leaks, what could possibly have accounted for 80,000 extra gallons of usage in a two week period? My plants and grass are almost dead....barely holding on with the two day watering regime. There are no leaks. The ONLY change in that time period was the installation of a new water meter by CVWD. I have asked to see the daily usage on a chart for the entire month but am told that is not available. You can only get daily readings when someone physically comes out to the property to read the meter and then charts it....

I am hoping with this tremendous jump in usage coming at the same time of a new water meter installed by you, that you will relook at my bill and make adjustments for me this one time.

Again, I am taking water conservation extremely serious and am not willing to pay the high and excessive water usage rates, when I clearly did not use that much water. There is definitely something wrong.

I have not paid the bill for 6/1/15 – 7/31/15. I will wait to hear from you and see what you are willing to do for me.

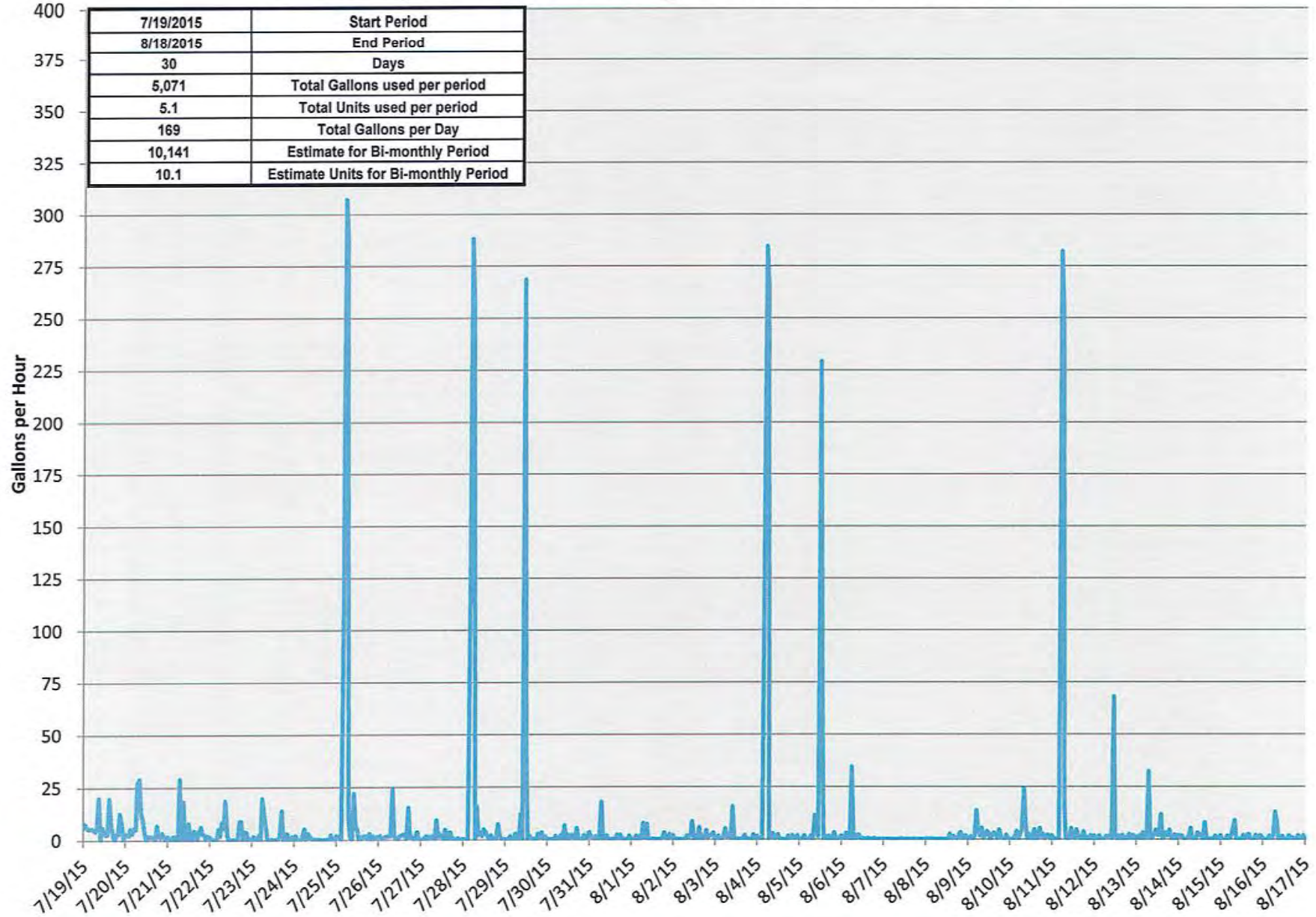
Thank you for your attention to my billing and water usage issues. I truly appreciate your looking into this matter, your perusal of my billing and for Darlene's help.

Sincerely,

A handwritten signature in blue ink, reading "Pamela Scott". The signature is written in a cursive style with a long horizontal flourish extending from the end of the name.

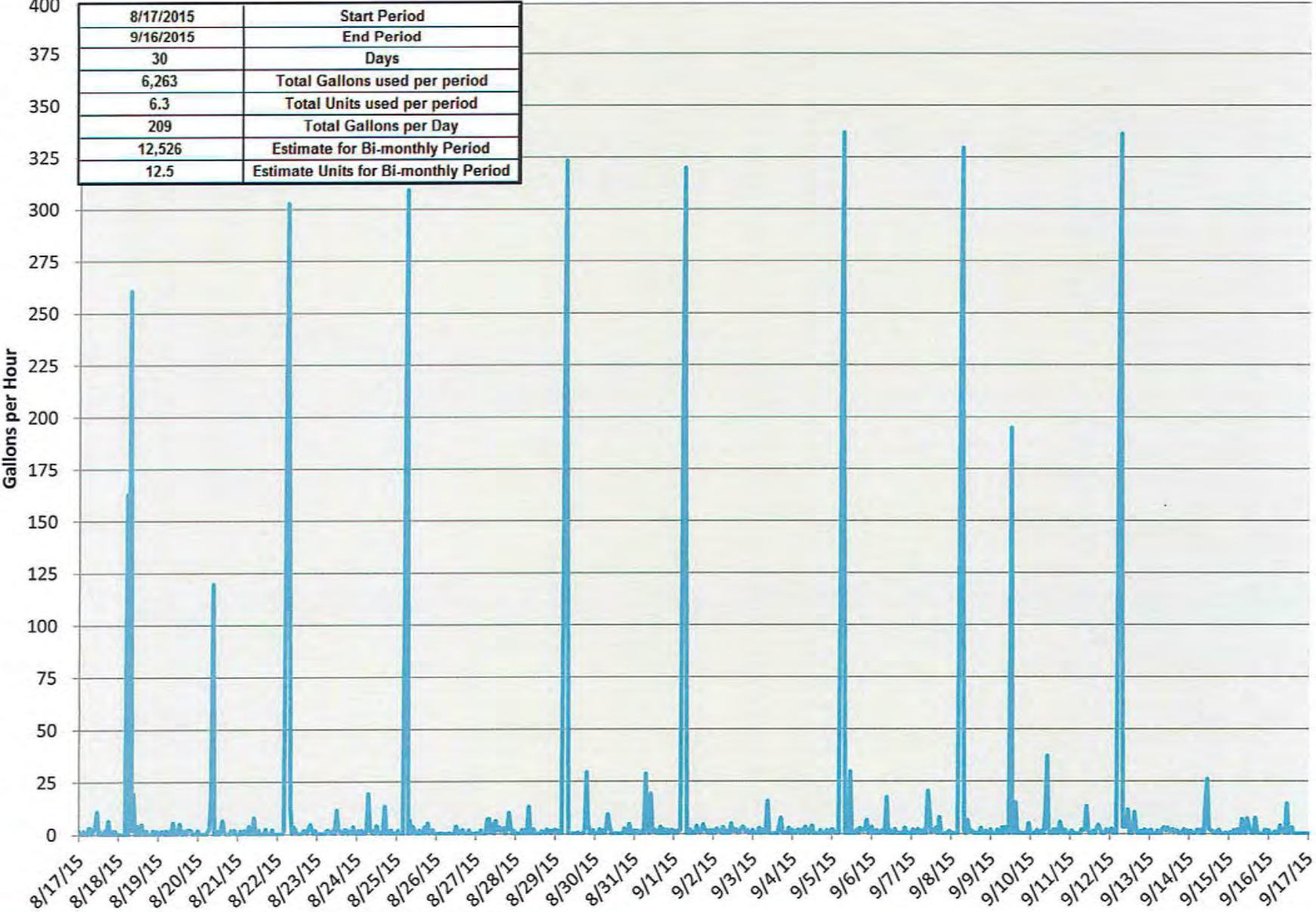
Pamela Scott

4320 Maryland - Water Usage from 7/19/15 to 8/16/15



4320 Maryland - Water Use from 8/17/15 to 9/16/15

8/17/2015	Start Period
9/16/2015	End Period
30	Days
6,263	Total Gallons used per period
6.3	Total Units used per period
209	Total Gallons per Day
12,526	Estimate for Bi-monthly Period
12.5	Estimate Units for Bi-monthly Period



PAMELA SCOTT
4320 Maryland Avenue, La Crescenta, CA 91214
818 726 5107, psscott@foothillenterprises.com

October 15, 2015

Re: Account 022719-000

I wrote to you about my account on September 4 with NO RESPONSE to date from you. Not quite sure what to do??????????????

4/1 – 5/31 bill was \$75.61 – usage 8

6/1 – 7/31 bill was \$917.02 – usage 88

Bill I received today 8/1 – 9/30 bill was \$109.80– usage 13

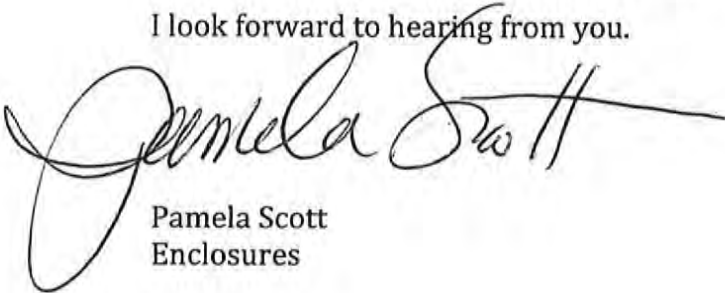
I am totally into water conservation. I have made no changes in my water usage, other than to be very aware of ways to SAVE. I have made no repairs, had no leaks, no changes to my plumbing or sprinklers.

The minute I got the \$917.02 bill I went into overdrive trying to find out why and get this fixed. You continue to send out people checking my meter. There is obviously something wrong with your billing or your new meter.

I think it is surprising and unacceptable for you to not respond to my letter nor to correct this billing error.

I will not be paying another water bill until this issue gets resolved.

I look forward to hearing from you.

A handwritten signature in black ink, appearing to read 'Pamela Scott', with a long horizontal flourish extending to the right.

Pamela Scott
Enclosures

CRESCENTA VALLEY WATER DISTRICT
REQUESTED METER TEST

1. Make of Meter Rockwell
2. Meter # 41234542 size 3/4
3. Meter reading after test 2772670
before test 2772560
register total 7
4. High flow test at 100 gallons 2772670.2 % 1.5 slow
5. Medflow test at 10 gallons 27725808.5 % 1.5 slow
6. Low flow test at 10 gallons 2772568.3/4 % 12.5 slow
7. Overall test results % fast _____ % slow _____
8. Tested by Cesar Avila
- Date 11-17-15
- Witnessed by Cory W. Peterson 11-17-2015

111915

SENSUS

071576654
(-) Gal


3/4" S

Mfg Date
08/2014
Replace
203

77929906


3/4" S

CRESCENTA VALLEY WATER DISTRICT
REQUESTED METER TEST

1. Make of Meter Q-Perl
2. Meter # 77929906 size 3/4
3. Meter reading after test 0121455
before test 0121335
register total _____
4. High flow test at 100 gallons Ran 100% @ 100 gallons
5. Medflow test at 10 gallons Ran 100% @ 10 gallons
6. Low flow test at 10 gallons Ran 100% @ 10 gallons
7. Overall test results % fast _____ % slow _____
8. Tested by Cesar Anla
Date 12-15-15
Witnessed by Cory Whitman

PAMELA SCOTT
4320 Maryland Avenue, La Crescenta, CA 91214
818 726 5107, pscott@foothillenterprises.com

RECEIVED
DEC 21 2015
CRESCENTA VALLEY
WATER DISTRICT

December 17, 2015

Re: Account 022719-000

I just received my statement for 10/1 – 11/30. Again, I am not going to pay this bill, or any future bills until you issue the proper credit on the 6/1- 7/31 bill.

The last time I heard from anyone at CVWD was on November 17, when Ron called me to say he was still checking into my account.

Please let me know at your earliest convenience what you are doing to rectify my account. I would like to get the proper charges on my account paid in full before the end of the year.


Pamela Scott
Enclosures

January 5, 2016

Ms. Pamela Scott
4320 Maryland Ave.
La Crescenta, CA 91214

RE: High water bill

Dear Ms. Scott,

This letter is to inform you that I have concluded my investigation into your high water usage for the June 1 – July 31, 2015 billing period. The District tested the old meter that serviced your property and the new iPearl meter installed on April 20, 2015 and found that the old meter was registering 7.5% slow on high flow and 12.5% slow on low flow tests. This indicates that you used more water than you were billed for in previous billing periods. This is common with mechanical meters that have been in service for many years as debris gets lodged in the gears and inhibits them from turning properly. This results in customers being under-billed for the actual water they used during a billing cycle. The new iPearl meter that currently services your property tested 100% accurate in high and low flow tests so consumption amounts billed truly reflect the amount of water used during a billing cycle.

The change in meters and the resulting accuracy of your actual consumption being billed would explain part of the increase for the June 1 – July 31, 2015 billing period, but obviously not all reflected on this bill. The District does not know how you use water on the property and what may have happened during this period, but we are confident that the water did pass through your meter. We can speculate that there was a leak in your irrigation system that may have been corrected by your gardener while checking your system for leaks.

The District recognizes that you do not use a lot of water and that you have taken steps to conserve by replacing your landscaping with drought tolerant plants and installing a drip irrigation system. I have discussed your request for relief with our General Manager, Thomas Love, and we have decided to treat this situation as a water leak and grant an adjustment in accordance with our policy. This policy allows staff to grant an adjustment up to a maximum of \$300.00. Based upon how the adjustment is calculated, you qualify for this maximum adjustment for the billing period in question. Your new amount due for the period is \$617.02. If you wish we can make payment arrangements to spread this cost over a one year period of time. If you would like to do this, please contact our Customer Service department and they would be happy to work out a payment schedule with you.

Thank you for your patience as we worked through this process.

Sincerely,

Ron L. Mitchell, Secretary-Treasurer

no pymt for 9/30/15 billing \$ 109.80
no pymt for 11/30/15 billing \$ 109.80

Bal as of 1/27/16 = 836.62

PAMELA SCOTT
4320 Maryland Avenue, La Crescenta, CA 91214
818 726-5107, psscott@foothillenterprises.com

February 2, 2016

Mr. Ron Mitchell
CVWD
2700 Foothill Blvd.
La Crescenta, CA 91214

RECEIVED
FEB 12 2015
CRESCENTA VALLEY
WATER DISTRICT

Re: Acct#022719-000

Thank you for your response. After waiting four months for a reply, I am at least relieved to know you were looking into my issue.

Let me restate the facts:

- 8/17 I received my water bill for billing period 6/1/15-7/31/15 for \$917.02
My previous bills were for in the \$75-\$91 range for a two month period
- 8/17 I called and spoke with Darlene who said they would send out someone to read the meter again
- 8/20 I called again to check on status – nothing yet
- 8/22 Darlene called me back and said the numbers were back to normal
She provided me with a chart showing my usage from 7/19-8/18
That chart shows the usage to be for the month 5,071 gallons
So by the time I received this extremely high bill, my water issue already seemed to be resolved and the water usage back to normal
Since that bill, my current bills have been in the 13,000 gallon range for 2 months.

Back to your response letter –

*The high usage issue had already been resolved by the time I got the high bill. Therefore, I had no idea of the high bill and did not seek a plumber, nor did my gardener do any repairs.

*The high usage coincides with the installation of the new meter. When asked to see the daily usage charts during the high usage period I was told you don't have them.

*You spent 4 months determining that the "flow" at my residence is correct. It has been correct ever since I got the one high bill. Why did it take you so long to determine everything is working correctly?

*Your letter states that I "used more water than I was previously billed". NOT 80,000 gallons more. I assure you. Am I supposed to be thankful for the previously low bills?

I am a single resident. I do not own a dishwasher, nor a pool, nor an outdoor water treatment. I spent a huge amount of money redoing my entire sprinkler/drip system and replanting low-water plants in order to SAVE on my water bills. There is absolutely NO WAY I used 80,000 more gallons in one pay period. I do not accept your one time \$300 credit towards my bill. AND the majority of the bill for 6/1-7/31 is HIGH and EXCESSIVE USAGE charges and not just water charges. That is outrageous. You should also look at all my bills for the 2015 year. My usage for this year was LESS than last year every bill EXCEPT the one in question???? ODD????

I am enclosing \$219.60. This pays for the 8/1-9/30 invoice and the 10/1-11/30 invoice. Also, odd that both bills are EXACTLY The same amount. To the penny? I think CVWD is doing something underhanded with the accounting.

I will do whatever it takes to get this resolved. I will contact the PUC. I will hire an attorney. I have no intention of paying this one bill until you make the numbers inline with my normal usage.

Please revisit this issue and give me a reasonably resolution.

Sincerely,



Pamela Scott

Enclosure : Letter from David Alvarez, Gardener

January 28, 2016

To whom it may concern:

My client, Pamela Scott at 4320 Maryland Avenue, La Crescenta, CA, has been my gardening account for over ten years.

I take care of her property in all regards of landscaping and maintenance.

I was responsible for installing her low water, low maintenance garden a few years back and continue to monitor and maintain it.

Pamela came to me and said she had an enormous water bill one month and asked if I would walk the property with her and check all the water lines. We did this one day together. We checked for leaks and water flow. I found nothing working improperly, broken or in need of maintenance.

Pamela told me she got a letter from you stating that I might have found something that needed repairing or fixing, and that I might have done this without her knowledge. This is not true.

I have made no repairs to water leaks on her property. I have found no water leaks in her garden.

A handwritten signature in black ink that reads "David Alvarez". The signature is written in a cursive, flowing style with a large, prominent 'D' and 'A'.

David Alvarez



Crescenta Valley Water District

2700 Foothill Boulevard, La Crescenta, California 91214
Phone (818) 248-3925 Fax (818) 248-1659

Directors

Judy L. Tejeda
James D. Bodnar
Kerry D. Erickson
Kenneth R. Putnam
Michael L. Claessens

Officers

Thomas A. Love, P.E.
General Manager
Ron L. Mitchell
Secretary-Treasurer

February 19, 2016

Ms. Pamela Scott
4320 Maryland Ave.
La Crescenta, CA 91214

RE: High water bill

Dear Ms. Scott,

This letter is in regards to your high water usage for the June 1 – July 31, 2015 billing period and your letter dated February 2, 2016. The District has done all that we can do to determine the accuracy of the billing in question including testing the old meter that serviced your property and the new iPearl meter installed on April 20, 2015. As I stated in my letter dated January 5, 2016, we found that the old meter was registering 7.5% slow on high flow and 12.5% slow on low flow tests and the iPearl meter that currently services your property tested 100% accurate in high and low flow tests.

However, there is no way for us to determine how water was used on a property. Based upon these tests and the subsequent re-reading of your meter since your initial inquiry, we have determined that the reading for the billing period in question was accurate and the billing truly reflects the amount of water used during that billing cycle.

I thank you for your payment of \$219.60 for the billing periods ending September 30, 2015 and November 30, 2015. In answer to your concern that the amounts were exactly the same to the penny, the District bills in 1,000 gallon increments so it is very common for customers to use the same number of billing units in subsequent billing cycles. You may have used up to 999 gallons of water more in the second period as opposed to the first period and you would still have been billed for the same number of units used as you did not go to the next 1,000 gallon increment.

As I stated in my previous letter, the District recognizes that you do not use a lot of water and that you have taken steps to conserve by replacing your landscape with drought tolerant plants and installing a drip irrigation system. The District has applied the \$300.00 adjustment on your account and the amount due on your account is \$617.02. If you wish we can make payment arrangements to spread this cost over a one year period of time. If you would like to do this, please contact our Customer Service department and they would be happy to work out a payment schedule with you.

At this time there is nothing more staff can do for you. If you wish to appeal this matter to the Board of Directors you need to write a letter requesting them to consider your request for additional relief and send it to the office in care of Mr. Kerry D. Erickson, President of the Board of Directors. Once received, your request will be placed on a future agenda and you will be notified when you may appear to have them consider your request.

Sincerely,

Ron L. Mitchell, Secretary-Treasurer

CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS - STAFF REPORT

Action Item No. 2

April 19, 2016

To: Honorable President and Members of the Board of Directors

From: Thomas A. Love. – General Manager

Subject: ACWA Outreach Alert

AGENDA ITEM:

ACWA Outreach Alert – Discussion and possible action regarding an ACWA Outreach Alert asking for action needed to preserve local control over long-term water conservation and management strategies.

BACKGROUND:

ACWA periodically issues an Outreach Alert asking its members to adopt resolutions and/or write letters to our state legislators in support or opposition on matters they feel are important to the water community. The attached Alert was issued on April 6th requesting that agencies adopt the sample resolution and write letters to legislators before the State Water Resources Control Board adopts permanent conservation regulations in the near future.

In anticipation of ongoing advocacy with the Brown Administration and possible state legislation on this issue, ACWA has prepared a number of resources and suggested steps to advance the water community's vision for a highly efficient and resilient water future for California and counter any proposals that would limit local decision making. ACWA strongly encourages member agencies to adopt a resolution developed for this purpose and take other recommended steps as soon as possible to elevate this important public policy issue and ensure our voice is heard. Though nothing official has been announced, State Water Board staff has indicated the long-term regulatory approach could be discussed at the May 3 meeting of the State Water Board.

RECOMMENDATION:

Staff recommends that the Board should consider adopt Resolution No. 729 and direct staff to write letters to legislators and key leaders per ACWA's request.

Prepared by:

Submitted by:

Ron L. Mitchell
Secretary-Treasurer

Thomas A. Love
General Manager

Attachments:

RESOLUTION NO. 729

**A RESOLUTION OF THE BOARD OF DIRECTORS OF
THE CRESCENTA VALLEY WATER DISTRICT
REGARDING LONG-TERM WATER CONSERVATION AND MANAGEMENT POLICY
IN CALIFORNIA**

WHEREAS, local California water agencies have invested nearly \$20 billion in the past 20 years to build and prudently manage diverse water supply portfolios to meet their customers' needs and provide reliable supplies during times of drought; and

WHEREAS, these local investments in everything from water recycling to local and regional water storage to desalination of brackish groundwater and ocean water were made with the public's support and are widely credited with keeping California's economy largely intact throughout the current multiyear drought; and

WHEREAS, the emergency drought regulation adopted in May 2015 and extended in February 2016 by the State Water Resources Control Board largely overlooked these investments and required local urban water suppliers to impose mandatory reductions in water use on their customers, even where hydrology and available local supply options did not warrant such stringent reductions; and

WHEREAS, Californians responded heroically to the drought emergency and largely met the statewide goal of reducing urban water use by 25% through February 2016; and

WHEREAS, as the state's focus transitions from the emergency regulation to a potential long-term policy approach to conservation, local water agencies believe it should be the state's policy to emphasize investments in drought-resiliency and ongoing water-use efficiency and to leave discretion with local water agencies to choose appropriate management strategies; and

WHEREAS, California water agencies affirmatively support a long-term policy that demands high levels of water use efficiency, promotes innovation in developing water shortage contingency plans, requires high levels of accountability at local water agencies, and preserves local control over water management decisions;

NOW, THEREFORE, BE IT RESOLVED, that Crescenta Valley Water District supports a long-term policy that will result in a highly efficient and resilient water future and will allow local water agencies to continue planning for and investing in the water supply reliability actions needed to meet California's 21st century water needs; and

BE IT FURTHER RESOLVED, that Crescenta Valley Water District believes long-term water management policy is most appropriately developed and administered by the California Department of Water Resources, which already has the lead role in managing the state's Urban Water Management Plan / Water Shortage Contingency Plan process.

PASSED, APPROVED AND ADOPTED at a Regular Meeting of the Board of Directors of Crescenta Valley Water District held on April 19, 2016. Resolution No. 729 was adopted by the following vote:

AYES: Directors

NOES: Directors

ATTEST:

**President, Board of Directors
Crescenta Valley Water District**

Secretary of the Board of Directors

April 6, 2016

Action Needed to Preserve Local Control over Long-Term Water Conservation and Management Strategies

ACWA Members Urged to Weigh in With Water Community's Vision

In recent weeks, the State Water Resources Control Board staff has indicated interest in pursuing permanent conservation regulations in the near future that could affect the ability of local agencies to determine appropriate water management strategies at the local level. ACWA strongly believes that any long-term policy for California should recognize investments in drought-resilience, emphasize ongoing water-use efficiency, and leave management discretion to local water agencies.

In anticipation of ongoing advocacy with the Brown Administration and possible state legislation on this issue, ACWA has prepared a number of resources and suggested steps to advance the water community's vision for a highly efficient and resilient water future for California and counter any proposals that would limit local decision making.

ACWA strongly encourages member agencies to adopt a sample resolution developed for this purpose and take other recommended steps as soon as possible to elevate this important public policy issue and ensure our voice is heard.

Though nothing official has been announced, State Water Board staff has indicated the long-term regulatory approach could be discussed at the May 3 meeting of the State Water Board.

Background

On Feb. 2, 2016, the State Water Resources Control Board adopted an [emergency conservation regulation](#) that will extend mandatory urban conservation through October 2016. The action extends the mandatory conservation requirements that have been in place since the State Water Board's original emergency regulation took effect on June 1, 2015 as a result of Gov. Jerry Brown's April 1 executive order on the drought.

The recently extended regulation provides for some limited adjustments (e.g., for climate and population growth) to conservation standards assigned to individual urban water suppliers but continues to rely almost exclusively on mandatory urban water conservation determined by the State Water Board.

Since the 1990s, local water agencies have proactively invested close to \$20 billion in drought-resilient strategies and tools that have added nearly 5 million acre-feet of “new” local and regional water supply across the state. These farsighted investments were supported by the public and have largely shielded California’s overall economy from the worst impacts of the drought. Yet, the State Water Board’s emergency approach largely overlooks the value of both water supply and water efficiency tools made possible by more than 25 years of local investments. The concern is that this approach could extend to longer term, permanent regulations.

As we have done in other important public policy debates, ACWA believes it is important for the water community to lead by outlining an affirmative policy vision around long-term conservation that preserves local authority and promotes high water use efficiency performance and accountability.

To this end, we are asking ACWA members to weigh in with visible support for a long-term policy vision that demands high levels of water use efficiency, promotes innovation in developing water shortage contingency plans, requires high levels of accountability at local water agencies, and preserves local decision-making authority over water management. We also must make it clear that long-term policy is most appropriately developed and administered by the California Department of Water Resources, which already is working with ACWA and local water agencies to lead implementation and refinement of the 20X2020 process – authorized by the Legislature in 2009 – that calls on urban water suppliers to reduce water use by 20% by 2020. Many local agencies already have achieved efficiencies that far exceed that goal.

Take Action Now

ACWA recommends that water agencies take the following steps:

- 1.) **Adopt a Board Resolution:** Have your agency’s board of directors adopt a resolution affirmatively supporting a long-term policy that recognizes water supply resilience, emphasizes efficiency and preserves local decision-making authority over water management. A [sample resolution](#) has been developed for your use. Please send copies of your adopted resolution to mariem@acwa.com.
- 2.) **Send letters to legislators and key leaders:** ACWA has prepared a [sample letter](#) that can be sent to your legislators and community leaders advocating for this approach. We also encourage you to meet with your legislators to ensure they understand the local investments already made and the public’s level of support for them. Again, please send copies of your letters to mariem@acwa.com.
- 3.) **Educate your customers:** ACWA has prepared outreach tools on the importance of drought-resilience and the value of water supply and water efficient investments.
- 4.) **Be ready to respond further:** ACWA is actively engaged in the policy discussion on this topic and is currently working with a coalition of other statewide organizations to develop a framework for a long-term efficient and resilient water policy for California. ACWA members should be

prepared to quickly respond (within 48 hours, weekends included) to additional alerts, especially in the event that a budget trailer bill addressing this topic emerges in the coming weeks or later this summer.

A complete member toolkit with these and additional resources is available on ACWA's website at <http://www.acwa.com/outreach%20toolkit%20on%20long-term%20conservation%20policy>. Member login is required to access the toolkit.

Questions

Members with questions about ACWA's long-term water management strategy for California should contact ACWA Special Projects Manager [Dave Bolland](#) at (916) 441-4545.

Members with questions about recommended outreach activities should contact ACWA Director of Communications [Lisa Lien-Mager](#) at (916) 441-4545.

Sample Resolution

Board of Directors of [Water Agency Name] Regarding Long-Term Water Conservation and Management Policy in California

WHEREAS, local California water agencies have invested nearly \$20 billion in the past 20 years to build and prudently manage diverse water supply portfolios to meet their customers' needs and provide reliable supplies during times of drought; and

WHEREAS, these local investments in everything from water recycling to local and regional water storage to desalination of brackish groundwater and ocean water were made with the public's support and are widely credited with keeping California's economy largely intact throughout the current multiyear drought; and

WHEREAS, the emergency drought regulation adopted in May 2015 and extended in February 2016 by the State Water Resources Control Board largely overlooked these investments and required local urban water suppliers to impose mandatory reductions in water use on their customers, even where hydrology and available local supply options did not warrant such stringent reductions; and

WHEREAS, Californians responded heroically to the drought emergency and largely met the statewide goal of reducing urban water use by 25% through February 2016; and

WHEREAS, as the state's focus transitions from the emergency regulation to a potential long-term policy approach to conservation, local water agencies believe it should be the state's policy to emphasize investments in drought-resiliency and ongoing water-use efficiency and to leave discretion with local water agencies to choose appropriate management strategies; and

WHEREAS, California water agencies affirmatively support a long-term policy that demands high levels of water use efficiency, promotes innovation in developing water shortage contingency plans, requires high levels of accountability at local water agencies, and preserves local control over water management decisions;

NOW, THEREFORE, BE IT RESOLVED, that [agency name] supports a long-term policy that will result in a highly efficient and resilient water future and will allow local water agencies to continue planning for and investing in the water supply reliability actions needed to meet California's 21st century water needs; and

BE IT FURTHER RESOLVED, that [agency name] believes long-term water management policy is most appropriately developed and administered by the California Department of Water Resources, which already has the lead role in managing the state's Urban Water Management Plan / Water Shortage Contingency Plan process.

Sample Letter

Date

The Honorable [Senator/Assembly Member First and Last Name]
State Capitol, Room _____
Sacramento, CA 95814

RE: LONG-TERM WATER CONSERVATION AND MANAGEMENT STRATEGY

Dear [Senator/ Assembly Member Last Name]

As the state's focus begins to transition from the State Water Resources Control Board's 2015 emergency regulation to a potential long-term strategy for water conservation, [Your Agency Name] strongly believes it should be the state's policy to emphasize local investments in drought-resiliency and ongoing water-use efficiency and leave discretion with local water agencies to choose appropriate management strategies.

Since the 1990s, local water agencies have invested nearly \$20 billion in drought-resilient strategies and projects that have given today's local water managers a wide array of water supply tools to minimize disruptive shortages. These investments are widely credited with keeping California's economy intact throughout the current multi-year drought.

While well-intended, the State Water Board's 2015 emergency regulation largely overlooked these investments and required local urban water suppliers to impose mandatory reductions in water use on their customers, even where local water supply conditions did not warrant such stringent restrictions. This one-size-fits-all approach should not be the basis for the state's long-term strategy moving forward.

Rather than focusing on mandatory, across-the-board conservation that does not recognize local conditions, California's long-term strategy should demand high levels of water use efficiency established at the local level, require high levels of accountability at local water agencies, and preserve local control over water management strategies. The long-term strategy is most appropriately administered by the California Department of Water Resources, which already has the lead role under state law in California's Urban Water Management Plan / Water Shortage Contingency Plan process.

As the Legislature begins to discuss this important public policy issue, [Your Agency Name] respectfully requests that you advocate for a more sustainable approach to water conservation that complements the critical plans for and local investments in water supply reliability actions needed to meet California's 21st century water needs.

Sincerely,

Your Name

Title

Agency Name

Talking Points

Key Messages Regarding Long-Term Water Conservation and Management Strategies

April 2016

As the state's focus begins to transition from the State Water Resources Control Board's 2015 emergency regulation to a long-term water management vision for California's future, ACWA strongly believes that any long-term policy should recognize investments in drought-resilience, emphasize ongoing water-use efficiency, and leave local management discretion to local water agencies.

In order to effectively convey these long-term policy goals, ACWA has developed the following talking points for use with legislators, local community leaders, the public and the media.

- With the public's support, local water agencies have invested nearly \$20 billion in the past 20 years to build and prudently manage diverse water supply portfolios to meet their customers' needs and provide reliable supplies during times of drought.
- Local water supply investments since the 1990s include everything from water recycling to local and regional water storage to desalination of brackish groundwater and ocean water. These types of investments have added nearly 5 million acre-feet of local and regional water supply across the state.
- Local water supply investments are widely credited with keeping California's economy intact throughout the current multiyear drought.
- The emergency drought regulation adopted in May 2015 and extended in February 2016 by the State Water Resources Control Board largely overlooked local water supply investments and required local urban water suppliers to impose mandatory water use restrictions even where local water supply conditions did not warrant such stringent restrictions.

- As the state's focus transitions from the emergency regulation to a potential long-term policy on conservation, the state's policy should emphasize local investments in drought resiliency and ongoing water use efficiency and leave discretion with local water agencies to choose appropriate management strategies.
- California water agencies support a long-term policy that demands high levels of water use efficiency, promotes innovation in developing water shortage contingency plans, requires high levels of accountability at local water agencies, and preserves local control over water management decisions.
- Any long-term policy adopted by the State Water Board must recognize the diversity of local water supply conditions throughout the state. Local water managers are best suited to make responsible water management decisions based on these local water supply conditions.
- California will benefit most from a long-term water management policy such as the "all-of-the-above" strategy outlined in the California Water Action Plan. This strategy, which focuses on drought-resiliency and recognizes water supply and water efficiency tools, will result in a more efficient and resilient water future for California.
- Long-term water management policy is most appropriately developed and administered by the California Department of Water Resources, which already has a lead role in managing the state's Urban Water Management Plan / Water Shortage Contingency Plan process.

CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS - STAFF REPORT

Action Item No. 3

April 19, 2016

To: Honorable President and Members of the Board of Directors
From: David S. Gould, P.E. – District Engineer
Subject: Fiscal Year 2016/17 - Preliminary Water and Wastewater Budgets

AGENDA ITEM:

Fiscal Year 2016/17 Preliminary Water and Wastewater Budgets - Discussion of Preliminary Water and Wastewater Rate Structures Options

BACKGROUND:

The preliminary budgets for FY 2016/17 for the Water and Wastewater funds have been prepared by staff and previously been presented to the Finance Committee and Board of Directors for review and discussion.

At the March 22, 2016, Board meeting, the Board directed staff to review the FY 2016/17 Water and Wastewater budgets and identify any additional operations & maintenance and/or general administrative expense that could be reduced and to eliminate the transfer of additional funds from the MTBE fund for discussion at the Finance Committee meeting on March 29, 2016.

At the April 5, 2016, Board meeting, staff presented the revised FY 2016/17 Water budget with proposed expense reductions and transfer of \$1,000,000 from the MTBE fund. The results showed an overall proposed water rate increase of 6.5% for FY 16/17 to meet the target reserve requirements.

Also, A Public Workshop was held to discuss the proposed water rate structure for FY 16/17. The Board agreed to continue with the tiered or inclining water rate structure and the water rate structure should reflect the Water and Wastewater Cost of Service Study.

The Board requested that the Finance Committee review the tier rate set points, using a 3-tier or 4-tier rate structure and possible adjustment of the meter service charge for discussion at the next Board meeting.

The Board also reviewed the FY 16/17 Wastewater budget and proposed rates and charges. A part of scope of work for the Water and Wastewater Cost of Service Study, RFC was to review alternative wastewater rate structures based on a fixed charge and a variable charge for winter water use and maintain the required revenues for the Wastewater Budget.

The Board discussed the alternative wastewater rate structures and agreed to change the rate structure from a uniformed bi-monthly charge to a bi-monthly base charge (fixed) and a variable charge based on wintertime water use. The Board requested that the Finance Committee review the new rate structure and to review the time frame for wintertime water use.

In addition, staff will prepare a preliminary Proposition 218 notification for the proposed changes to the water and wastewater rates and charges for review and discussion at the next Board meeting.

DISCUSSION:

The Finance Committee met on April 8, 2016 to discuss the water rate structure the tier rate set points, using a 3-tier or 4-tier rate structure and possible adjustment of the meter service charge. With respect to the wastewater rate structure, the Finance Committee discussed the new wastewater rate structure and the time frame for wintertime water use.

The Finance Committee reviewed the information provided by staff and RFC on the adjustment of the meter service charge relative to the service charge providing steady revenue of 21% of the total revenue or a 25% of the total revenue as recommended by RFC. The Finance Committee requested that staff and RFC look at a service charge that provides 23% of total revenue and to provide the options at the next Board meeting.

Staff and RFC reviewed the tier rate set points and using a 3-tier or 4-tier rate structure with the Finance Committee. RFC indicated that if there is an adjustment to the service charge that the tiered commodity rate would also adjust. In other words, if the meter service charge was increased, then the tiered commodity rate would decrease to compensate for the additional service charge revenue. The Finance Committee requested that staff and RFC look at a 3-tier or 4-tier rate structure system and keeping the tier rate set points the same as the Cost of Service Study.

From this discussion at the Finance Committee, staff developed the following options for review:

<u>Option A -</u> 1. 6.5% Water Rate increase 2. 4 Tiers Rate Structure 3. 21% of Revenue from Meter Service Charge	<u>Option A.1 -</u> 1. 6.5% Water Rate increase 2. 3 Tiers Rate Structure 3. 21% of Revenue from Meter Service Charge
<u>Option B -</u> 1. 6.5% Water Rate increase 2. 4 Tiers Rate Structure 3. 23% of Revenue from Meter Service Charge	<u>Option B.1 -</u> 1. 6.5% Water Rate increase 2. 3 Tiers Rate Structure 3. 23% of Revenue from Meter Service Charge
<u>Option C -</u> 1. 6.5% Water Rate increase 2. 4 Tiers Rate Structure 3. 25% of Revenue from Meter Service Charge	<u>Option C.1 -</u> 1. 6.5% Water Rate increase 2. 3 Tiers Rate Structure 3. 25% of Revenue from Meter Service Charge

These options were then evaluated by staff and the following tables and chart were produced for discussion at the Board meeting.

The attached “*Table 1 – Summary of Options and Comparison of Proposed Water Rates*” shows the current bi-monthly service charges and commodity rates and compares them with each of the options. The increase and/or decrease in costs and the percentage change are also shown for each option.

The attached “*Table 2 – Single Family Bi-monthly Wastewater Bill based on 3-yr Average Water Use*” shows the changes in a SFR wastewater bi-monthly bill based on the new wastewater rate structure and the Cost of Service Study.

The attached “*Table 3 – Compare Total Water and Wastewater Bill for Each Option for Single Family*” shows the combined the water and wastewater bills and compares them to each of the options for a typically bill that uses 0 units to 100 units. Also included is Chart 1 which shows the breakdown of the number of bills sent in FY 14/15 based on water use.

The attached “*Table 4 – Sample Total Water and Wastewater Bills Comparison for Each Option for Single Family*” shows a typical low, average, above average outdoor use and high water bill for a single family for comparison to each option.

The following discussion and Board recommendation for the selected option will be used to finalize the Proposition 218 notice to CVWD’s stakeholders.

The discussion above only relates to the Single Family Resident (SFR) Classification, which as shown in the table below is 81% of CVWD's total accounts. The proposed changes in the water and wastewater rate structure will also effect the other class classification, which is shown in Table 1.

FY 2014/15						
Classification	Total	Percent	Inside	Percent	Outside	Percent
SFR	6,828	81%	5,023	74%	1,805	26%
MFR	694	8%	461	66%	233	34%
COM	340	4%	132	39%	208	61%
INST	54	1%	23	43%	31	57%
IRRG	66	1%	50	76%	16	24%
SCH	19	0%	15	79%	4	21%
FIRE	101	1%	49	49%	52	51%
SEW	284	3%		0%	284	100%
Total	8,386	100%	5,753	69%	2,633	31%
Total Dwelling Units	4,430	Units				
Total Water Accounts	8,001					
Total Water and Sewer Accounts	6,037					
Total Water Only Accounts	2,297					
Total Sewer Only Accounts	284					
(Count does not include FIRE)						

RECOMMENDATION:

Staff and RFC have reviewed the proposed options and it's their recommendation to proceed with Option C.1 which calls for 25% of total revenue within the service charge and a 3-tier rate structure. This option provides for an increase steady revenue source during these times with decreased water sales while at the same time does not affect the low water user that uses up to 10 units per bi-monthly period. The 3-tier rate structure will allows for more bi-monthly bills to fall within the Tier 2 range and has a less effect on the high water users, which is shown in the Table 4.

Prepared by:



David S. Gould, P.E.
District Engineer

Submitted by:



Thomas A. Love
General Manager

Attachments:

- Table 1: Summary of Options and Comparison of Proposed Water Rates
- Table 2: Single Family Bi-monthly Bill - based on Average Winter Water Use
- Table 3: Compare Total Water and Wastewater Bill for Each Option for Single Family
- Table 4: Sample Total Bills Comparison for Each Option for Single Family
- Chart 1 - Breakdown of Bills Sent in FY 14/15

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Table 1: Summary of Options and Comparison of Proposed Water Rates

Option A - 1. 6.5% Water Rate increase 2. 4 Tiers Rate Structure 3. 21% of Revenue from Meter Service Charge	Option A.1 - 1. 6.5% Water Rate increase 2. 3 Tiers Rate Structure 3. 21% of Revenue from Meter Service Charge
Option B - 1. 6.5% Water Rate increase 2. 4 Tiers Rate Structure 3. 23% of Revenue from Meter Service Charge	Option B.1 - 1. 6.5% Water Rate increase 2. 3 Tiers Rate Structure 3. 23% of Revenue from Meter Service Charge
Option C - 1. 6.5% Water Rate increase 2. 4 Tiers Rate Structure 3. 25% of Revenue from Meter Service Charge	Option C.1 - 1. 6.5% Water Rate increase 2. 3 Tiers Rate Structure 3. 25% of Revenue from Meter Service Charge

Bi-Monthly Service Charge

Current			Option A & A.1			Option B & B.1			Option C & C.1		
Meter Size	Monthly	Bi-Monthly	Bi-Monthly	Differ (Option A - Current)	Percent Change	Bi-Monthly	Differ (Option B - Current)	Percent Change	Bi-Monthly	Differ (Option C - Current)	Percent Change
3/4"	\$ 19.12	\$ 38.23	\$ 34.96	\$ (3.27)	-9%	\$ 37.90	\$ (0.33)	-1%	\$ 41.06	\$ 2.83	7%
1"	\$ 23.48	\$ 46.96	\$ 51.08	\$ 4.12	9%	\$ 55.99	\$ 9.03	19%	\$ 61.25	\$ 14.29	30%
1½"	\$ 34.28	\$ 68.56	\$ 91.40	\$ 22.84	33%	\$ 101.22	\$ 32.66	48%	\$ 111.73	\$ 43.17	63%
2"	\$ 43.36	\$ 86.72	\$ 139.78	\$ 53.06	61%	\$ 155.49	\$ 68.77	79%	\$ 172.32	\$ 85.60	99%
3"	\$ 47.28	\$ 94.56	\$ 292.99	\$ 198.43	210%	\$ 327.35	\$ 232.79	246%	\$ 364.16	\$ 269.60	285%
4"	\$ 121.47	\$ 242.94	\$ 518.77	\$ 275.83	114%	\$ 580.62	\$ 337.68	139%	\$ 646.87	\$ 403.93	166%

Table 1: Summary of Options and Comparison of Proposed Water Rates

Option A -

1. 6.5% Water Rate increase
2. 4 Tiers Rate Structure
3. 21% of Revenue from Meter Service Charge

Option A.1 -

1. 6.5% Water Rate increase
2. 3 Tiers Rate Structure
3. 21% of Revenue from Meter Service Charge

Option B -

1. 6.5% Water Rate increase
2. 4 Tiers Rate Structure
3. 23% of Revenue from Meter Service Charge

Option B.1 -

1. 6.5% Water Rate increase
2. 3 Tiers Rate Structure
3. 23% of Revenue from Meter Service Charge

Option C -

1. 6.5% Water Rate increase
2. 4 Tiers Rate Structure
3. 25% of Revenue from Meter Service Charge

Option C.1 -

1. 6.5% Water Rate increase
2. 3 Tiers Rate Structure
3. 25% of Revenue from Meter Service Charge

Tiered Rate Commodity Charge - 4 Tiers

Current Tiered Rate Range				New Tiered Rate Range			Option A			Option B			Option C		
Water Use Range			Cost per Unit	Water Use Range			Cost per Unit	Differ.	Percent Change	Cost per Unit	Differ.	Percent Change	Cost per Unit	Differ.	Percent Change
Tier I	1	10	\$ 4.61	Tier I	1	10	\$ 4.62	\$ 0.01	0%	\$ 4.49	\$ (0.12)	-3%	\$ 4.36	\$ (0.25)	-5%
Tier II	11	25	\$ 5.96	Tier II	11	20	\$ 6.41	\$ 0.45	8%	\$ 6.25	\$ 0.29	5%	\$ 6.07	\$ 0.11	2%
Tier III	26	37	\$ 8.50	Tier III	21	26	\$10.28	\$ 1.78	21%	\$ 10.09	\$ 1.59	19%	\$ 9.89	\$ 1.39	16%
Tier IV	>38		\$11.39	Tier IV	27		\$10.92	\$ (0.47)	-4%	\$ 10.67	\$ (0.72)	-6%	\$ 10.40	\$ (0.99)	-9%

Tiered Rate Commodity Charge - 3 Tiers

Current Tiered Rate Range				New Tiered Rate Range			Option A.1			Option B.1			Option C.1		
Water Use Range			Cost per Unit	Water Use Range			Cost per Unit	Differ.	Percent Change	Cost per Unit	Differ.	Percent Change	Cost per Unit	Differ.	Percent Change
Tier I	1	10	\$ 4.61	Tier I	1	10	\$ 4.72	\$ 0.11	2%	\$ 4.59	\$ (0.02)	0%	\$ 4.45	\$ (0.16)	-3%
Tier II	11	25	\$ 5.96	Tier II	11	26	\$ 7.30	\$ 1.34	22%	\$ 7.13	\$ 1.17	20%	\$ 6.95	\$ 0.99	17%
Tier III	26	37	\$ 8.50	Tier III	27		\$10.40	\$ 1.90	22%	\$ 10.20	\$ 1.70	20%	\$ 9.99	\$ 1.49	18%
Tier IV	>38		\$11.39												

Table 1: Summary of Options and Comparison of Proposed Water Rates

<u>Option A -</u> 1. 6.5% Water Rate increase 2. 4 Tiers Rate Structure 3. 21% of Revenue from Meter Service Charge				<u>Option A.1 -</u> 1. 6.5% Water Rate increase 2. 3 Tiers Rate Structure 3. 21% of Revenue from Meter Service Charge							
<u>Option B -</u> 1. 6.5% Water Rate increase 2. 4 Tiers Rate Structure 3. 23% of Revenue from Meter Service Charge				<u>Option B.1 -</u> 1. 6.5% Water Rate increase 2. 3 Tiers Rate Structure 3. 23% of Revenue from Meter Service Charge							
<u>Option C -</u> 1. 6.5% Water Rate increase 2. 4 Tiers Rate Structure 3. 25% of Revenue from Meter Service Charge				<u>Option C.1 -</u> 1. 6.5% Water Rate increase 2. 3 Tiers Rate Structure 3. 25% of Revenue from Meter Service Charge							
Commodity Charge - Multi-Family/Commercial/Institution/School											
Current Uniform Rate			Option A			Option B			Option C		
Cost per Unit			Cost per Unit	Differ.	Percent Change	Cost per Unit	Differ.	Percent Change	Cost per Unit	Differ.	Percent Change
\$ 5.96			\$ 6.45	\$ 0.49	8%	\$ 6.32	\$ 0.36	6%	\$ 6.17	\$ 0.21	4%
Commodity Charge - Multi-Family/Commercial/Institution/School											
Current Uniform Rate			Option A.1			Option B.1			Option C.1		
Cost per Unit			Cost per Unit	Differ.	Percent Change	Cost per Unit	Differ.	Percent Change	Cost per Unit	Differ.	Percent Change
\$ 5.96			\$ 6.54	\$ 0.58	10%	\$ 6.40	\$ 0.44	7%	\$ 6.25	\$ 0.29	5%

Table 1: Summary of Options and Comparison of Proposed Water Rates

Option A -

1. 6.5% Water Rate increase
2. 4 Tiers Rate Structure
3. **21% of Revenue from Meter Service Charge**

Option A.1 -

1. 6.5% Water Rate increase
2. **3 Tiers Rate Structure**
3. **21% of Revenue from Meter Service Charge**

Option B -

1. 6.5% Water Rate increase
2. 4 Tiers Rate Structure
3. **23% of Revenue from Meter Service Charge**

Option B.1 -

1. 6.5% Water Rate increase
2. **3 Tiers Rate Structure**
3. **23% of Revenue from Meter Service Charge**

Option C -

1. 6.5% Water Rate increase
2. 4 Tiers Rate Structure
3. **25% of Revenue from Meter Service Charge**

Option C.1 -

1. 6.5% Water Rate increase
2. **3 Tiers Rate Structure**
3. **25% of Revenue from Meter Service Charge**

Irrigation - Tiered Rate Commodity Charge - 2 Tiers

Current Tiered Rate Range				New Tiered Rate Range			Option A			Option B			Option C		
Water Use Range			Cost per Unit	Water Use Range			Cost per Unit	Differ.	Percent Change	Cost per Unit	Differ.	Percent Change	Cost per Unit	Differ.	Percent Change
Tier I	1	70	\$ 5.96	Tier I	1	80	\$ 4.55	\$ (1.41)	-24%	\$ 4.43	\$ (1.53)	-26%	\$ 4.29	\$ (1.67)	-28%
Tier II	>71		\$ 11.39	Tier II	>81		\$ 9.60	\$ (1.79)	-16%	\$ 9.36	\$ (2.03)	-18%	\$ 9.10	\$ (2.29)	-20%

Irrigation - Tiered Rate Commodity Charge - 2 Tiers

Current Tiered Rate Range				New Tiered Rate Range			Option A.1			Option B.1			Option C.1		
Water Use Range			Cost per Unit	Water Use Range			Cost per Unit	Differ.	Percent Change	Cost per Unit	Differ.	Percent Change	Cost per Unit	Differ.	Percent Change
Tier I	1	70	\$ 5.96	Tier I	1	80	\$ 4.62	\$ (1.34)	-22%	\$ 4.49	\$ (1.47)	-25%	\$ 4.34	\$ (1.62)	-27%
Tier II	>71		\$ 11.39	Tier II	>81		\$ 9.74	\$ (1.65)	-14%	\$ 9.49	\$ (1.90)	-17%	\$ 9.22	\$ (2.17)	-19%

Table 2: Single Family Bi-monthly Bill - based on Average Winter Water Use
(Max. Billing Water Units in Bi-monthly Period = 20 Water Units)

3-Yr Avg Bi-monthly Usage	Ex. Bi-monthly Water Service Charge	New Bi-monthly Waterwater Service Charge	Wastewater Usage Flow Charge	Wastewater Flow Charge	New Wastewater Charge	Bi-Monthly Increase/ Decrease	Percent Increase/ decrease of Bi-Monthly Bill
0	\$67.50	\$45.95	\$1.86	\$0.00	\$45.95	(\$21.55)	-31.9%
1	\$67.50	\$45.95	\$1.86	\$1.86	\$47.81	(\$19.69)	-29.2%
2	\$67.50	\$45.95	\$1.86	\$3.72	\$49.67	(\$17.83)	-26.4%
3	\$67.50	\$45.95	\$1.86	\$5.58	\$51.53	(\$15.97)	-23.7%
4	\$67.50	\$45.95	\$1.86	\$7.44	\$53.39	(\$14.11)	-20.9%
5	\$67.50	\$45.95	\$1.86	\$9.30	\$55.25	(\$12.25)	-18.1%
6	\$67.50	\$45.95	\$1.86	\$11.16	\$57.11	(\$10.39)	-15.4%
7	\$67.50	\$45.95	\$1.86	\$13.02	\$58.97	(\$8.53)	-12.6%
8	\$67.50	\$45.95	\$1.86	\$14.88	\$60.83	(\$6.67)	-9.9%
9	\$67.50	\$45.95	\$1.86	\$16.74	\$62.69	(\$4.81)	-7.1%
10	\$67.50	\$45.95	\$1.86	\$18.60	\$64.55	(\$2.95)	-4.4%
11	\$67.50	\$45.95	\$1.86	\$20.46	\$66.41	(\$1.09)	-1.6%
12	\$67.50	\$45.95	\$1.86	\$22.32	\$68.27	\$0.77	1.1%
13	\$67.50	\$45.95	\$1.86	\$24.18	\$70.13	\$2.63	3.9%
14	\$67.50	\$45.95	\$1.86	\$26.04	\$71.99	\$4.49	6.7%
15	\$67.50	\$45.95	\$1.86	\$27.90	\$73.85	\$6.35	9.4%
16	\$67.50	\$45.95	\$1.86	\$29.76	\$75.71	\$8.21	12.2%
17	\$67.50	\$45.95	\$1.86	\$31.62	\$77.57	\$10.07	14.9%
18	\$67.50	\$45.95	\$1.86	\$33.48	\$79.43	\$11.93	17.7%
19	\$67.50	\$45.95	\$1.86	\$35.34	\$81.29	\$13.79	20.4%
20	\$67.50	\$45.95	\$1.86	\$37.20	\$83.15	\$15.65	23.2%
>20	\$67.50	\$45.95	\$1.86	\$37.20	\$83.15	\$15.65	23.2%

Table 3: Compare Total Water and Wastewater Bill for Each Option for Single Family

Bi-monthly Usage	Ex. TOTAL CVWD Bill	FY 14/15 No. of Bills	New TOTAL CVWD Bill Option A	Diff. (Ex. Bill - Option A)	New TOTAL CVWD Bill Option B	Diff. (Ex. Bill - Option B)	New TOTAL CVWD Bill Option C	Diff. (Ex. Bill - Option C)	New TOTAL CVWD Bill Option A.1	Diff. (Ex. Bill - Option A.1)	New TOTAL CVWD Bill Option B.1	Diff. (Ex. Bill - Option B.1)	New TOTAL CVWD Bill Option C.1	Diff. (Ex. Bill - Option C.1)
0	\$105.70	344	\$80.91	(\$24.79)	\$83.85	(\$21.85)	\$87.01	(\$18.69)	\$80.91	(\$24.79)	\$83.85	(\$21.85)	\$87.43	(\$18.27)
1	\$110.31	265	\$87.39	(\$22.92)	\$90.20	(\$20.11)	\$93.23	(\$17.08)	\$87.49	(\$22.82)	\$90.30	(\$20.01)	\$93.74	(\$16.57)
2	\$114.92	433	\$93.87	(\$21.05)	\$96.55	(\$18.37)	\$99.45	(\$15.47)	\$94.07	(\$20.85)	\$96.75	(\$18.17)	\$100.05	(\$14.87)
3	\$119.53	619	\$100.35	(\$19.18)	\$102.90	(\$16.63)	\$105.67	(\$13.86)	\$100.65	(\$18.88)	\$103.20	(\$16.33)	\$106.36	(\$13.17)
4	\$124.14	835	\$106.83	(\$17.31)	\$109.25	(\$14.89)	\$111.89	(\$12.25)	\$107.23	(\$16.91)	\$109.65	(\$14.49)	\$112.67	(\$11.47)
5	\$128.75	984	\$113.31	(\$15.44)	\$115.60	(\$13.15)	\$118.11	(\$10.64)	\$113.81	(\$14.94)	\$116.10	(\$12.65)	\$118.98	(\$9.77)
6	\$133.36	1,179	\$119.79	(\$13.57)	\$121.95	(\$11.41)	\$124.33	(\$9.03)	\$120.39	(\$12.97)	\$122.55	(\$10.81)	\$125.29	(\$8.07)
7	\$137.97	1,416	\$126.27	(\$11.70)	\$128.30	(\$9.67)	\$130.55	(\$7.42)	\$126.97	(\$11.00)	\$129.00	(\$8.97)	\$131.60	(\$6.37)
8	\$142.58	1,524	\$132.75	(\$9.83)	\$134.65	(\$7.93)	\$136.77	(\$5.81)	\$133.55	(\$9.03)	\$135.45	(\$7.13)	\$137.91	(\$4.67)
9	\$147.19	1,549	\$139.23	(\$7.96)	\$141.00	(\$6.19)	\$142.99	(\$4.20)	\$140.13	(\$7.06)	\$141.90	(\$5.29)	\$144.22	(\$2.97)
10	\$151.80	1,624	\$145.71	(\$6.09)	\$147.35	(\$4.45)	\$149.21	(\$2.59)	\$146.71	(\$5.09)	\$148.35	(\$3.45)	\$150.53	(\$1.27)
11	\$157.76	1,686	\$153.98	(\$3.78)	\$155.46	(\$2.30)	\$157.14	(\$0.62)	\$155.87	(\$1.89)	\$157.34	(\$0.42)	\$159.34	\$1.58
12	\$163.72	1,667	\$162.25	(\$1.47)	\$163.57	(\$0.15)	\$165.07	\$1.35	\$165.03	\$1.31	\$166.33	\$2.61	\$168.15	\$4.43
13	\$169.68	1,739	\$170.52	\$0.84	\$171.68	\$2.00	\$173.00	\$3.32	\$174.19	\$4.51	\$175.32	\$5.64	\$176.96	\$7.28
14	\$175.64	1,649	\$178.79	\$3.15	\$179.79	\$4.15	\$180.93	\$5.29	\$183.35	\$7.71	\$184.31	\$8.67	\$185.77	\$10.13
15	\$181.60	1,602	\$187.06	\$5.46	\$187.90	\$6.30	\$188.86	\$7.26	\$192.51	\$10.91	\$193.30	\$11.70	\$194.58	\$12.98
16	\$187.56	1,499	\$195.33	\$7.77	\$196.01	\$8.45	\$196.79	\$9.23	\$201.67	\$14.11	\$202.29	\$14.73	\$203.39	\$15.83
17	\$193.52	1,388	\$203.60	\$10.08	\$204.12	\$10.60	\$204.72	\$11.20	\$210.83	\$17.31	\$211.28	\$17.76	\$212.20	\$18.68
18	\$199.48	1,383	\$211.87	\$12.39	\$212.23	\$12.75	\$212.65	\$13.17	\$219.99	\$20.51	\$220.27	\$20.79	\$221.01	\$21.53
19	\$205.44	1,319	\$220.14	\$14.70	\$220.34	\$14.90	\$220.58	\$15.14	\$229.15	\$23.71	\$229.26	\$23.82	\$229.82	\$24.38
20	\$211.40	1,240	\$228.41	\$17.01	\$228.45	\$17.05	\$228.51	\$17.11	\$238.31	\$26.91	\$238.25	\$26.85	\$238.63	\$27.23
21	\$217.36	1,143	\$238.69	\$21.33	\$238.54	\$21.18	\$238.40	\$21.04	\$245.61	\$28.25	\$245.38	\$28.02	\$245.58	\$28.22
22	\$223.32	1,093	\$248.97	\$25.65	\$248.63	\$25.31	\$248.29	\$24.97	\$252.91	\$29.59	\$252.51	\$29.19	\$252.53	\$29.21
23	\$229.28	1,032	\$259.25	\$29.97	\$258.72	\$29.44	\$258.18	\$28.90	\$260.21	\$30.93	\$259.64	\$30.36	\$259.48	\$30.20
24	\$235.24	926	\$269.53	\$34.29	\$268.81	\$33.57	\$268.07	\$32.83	\$267.51	\$32.27	\$266.77	\$31.53	\$266.43	\$31.19
25	\$241.20	865	\$279.81	\$38.61	\$278.90	\$37.70	\$277.96	\$36.76	\$274.81	\$33.61	\$273.90	\$32.70	\$273.38	\$32.18

Table 3: Compare Total Water and Wastewater Bill for Each Option for Single Family

Bi-monthly Usage	Ex. TOTAL CVWD Bill	FY 14/15 No. of Bills	New TOTAL CVWD Bill Option A	Diff. (Ex. Bill - Option A)	New TOTAL CVWD Bill Option B	Diff. (Ex. Bill - Option B)	New TOTAL CVWD Bill Option C	Diff. (Ex. Bill - Option C)	New TOTAL CVWD Bill Option A.1	Diff. (Ex. Bill - Option A.1)	New TOTAL CVWD Bill Option B.1	Diff. (Ex. Bill - Option B.1)	New TOTAL CVWD Bill Option C.1	Diff. (Ex. Bill - Option C.1)
26	\$249.70	784	\$290.09	\$40.39	\$288.99	\$39.29	\$287.85	\$38.15	\$282.11	\$32.41	\$281.03	\$31.33	\$280.33	\$30.63
27	\$258.20	704	\$301.01	\$42.81	\$299.66	\$41.46	\$298.25	\$40.05	\$292.51	\$34.31	\$291.23	\$33.03	\$290.32	\$32.12
28	\$266.70	654	\$311.93	\$45.23	\$310.33	\$43.63	\$308.65	\$41.95	\$302.91	\$36.21	\$301.43	\$34.73	\$300.31	\$33.61
29	\$275.20	612	\$322.85	\$47.65	\$321.00	\$45.80	\$319.05	\$43.85	\$313.31	\$38.11	\$311.63	\$36.43	\$310.30	\$35.10
30	\$283.70	619	\$333.77	\$50.07	\$331.67	\$47.97	\$329.45	\$45.75	\$323.71	\$40.01	\$321.83	\$38.13	\$320.29	\$36.59
31	\$292.20	492	\$344.69	\$52.49	\$342.34	\$50.14	\$339.85	\$47.65	\$334.11	\$41.91	\$332.03	\$39.83	\$330.28	\$38.08
32	\$300.70	449	\$355.61	\$54.91	\$353.01	\$52.31	\$350.25	\$49.55	\$344.51	\$43.81	\$342.23	\$41.53	\$340.27	\$39.57
33	\$309.20	428	\$366.53	\$57.33	\$363.68	\$54.48	\$360.65	\$51.45	\$354.91	\$45.71	\$352.43	\$43.23	\$350.26	\$41.06
34	\$317.70	442	\$377.45	\$59.75	\$374.35	\$56.65	\$371.05	\$53.35	\$365.31	\$47.61	\$362.63	\$44.93	\$360.25	\$42.55
35	\$326.20	396	\$388.37	\$62.17	\$385.02	\$58.82	\$381.45	\$55.25	\$375.71	\$49.51	\$372.83	\$46.63	\$370.24	\$44.04
36	\$334.70	365	\$399.29	\$64.59	\$395.69	\$60.99	\$391.85	\$57.15	\$386.11	\$51.41	\$383.03	\$48.33	\$380.23	\$45.53
37	\$343.20	311	\$410.21	\$67.01	\$406.36	\$63.16	\$402.25	\$59.05	\$396.51	\$53.31	\$393.23	\$50.03	\$390.22	\$47.02
38	\$354.59	260	\$421.13	\$66.54	\$417.03	\$62.44	\$412.65	\$58.06	\$406.91	\$52.32	\$403.43	\$48.84	\$400.21	\$45.62
39	\$365.98	278	\$432.05	\$66.07	\$427.70	\$61.72	\$423.05	\$57.07	\$417.31	\$51.33	\$413.63	\$47.65	\$410.20	\$44.22
40	\$377.37	245	\$442.97	\$65.60	\$438.37	\$61.00	\$433.45	\$56.08	\$427.71	\$50.34	\$423.83	\$46.46	\$420.19	\$42.82
41	\$388.76	215	\$453.89	\$65.13	\$449.04	\$60.28	\$443.85	\$55.09	\$438.11	\$49.35	\$434.03	\$45.27	\$430.18	\$41.42
42	\$400.15	216	\$464.81	\$64.66	\$459.71	\$59.56	\$454.25	\$54.10	\$448.51	\$48.36	\$444.23	\$44.08	\$440.17	\$40.02
43	\$411.54	187	\$475.73	\$64.19	\$470.38	\$58.84	\$464.65	\$53.11	\$458.91	\$47.37	\$454.43	\$42.89	\$450.16	\$38.62
44	\$422.93	165	\$486.65	\$63.72	\$481.05	\$58.12	\$475.05	\$52.12	\$469.31	\$46.38	\$464.63	\$41.70	\$460.15	\$37.22
45	\$434.32	160	\$497.57	\$63.25	\$491.72	\$57.40	\$485.45	\$51.13	\$479.71	\$45.39	\$474.83	\$40.51	\$470.14	\$35.82
46	\$445.71	145	\$508.49	\$62.78	\$502.39	\$56.68	\$495.85	\$50.14	\$490.11	\$44.40	\$485.03	\$39.32	\$480.13	\$34.42
47	\$457.10	154	\$519.41	\$62.31	\$513.06	\$55.96	\$506.25	\$49.15	\$500.51	\$43.41	\$495.23	\$38.13	\$490.12	\$33.02
48	\$468.49	108	\$530.33	\$61.84	\$523.73	\$55.24	\$516.65	\$48.16	\$510.91	\$42.42	\$505.43	\$36.94	\$500.11	\$31.62
49	\$479.88	115	\$541.25	\$61.37	\$534.40	\$54.52	\$527.05	\$47.17	\$521.31	\$41.43	\$515.63	\$35.75	\$510.10	\$30.22
50	\$491.27	110	\$552.17	\$60.90	\$545.07	\$53.80	\$537.45	\$46.18	\$531.71	\$40.44	\$525.83	\$34.56	\$520.09	\$28.82

Table 3: Compare Total Water and Wastewater Bill for Each Option for Single Family

Bi-monthly Usage	Ex. TOTAL CVWD Bill	FY 14/15 No. of Bills	New TOTAL CVWD Bill Option A	Diff. (Ex. Bill - Option A)	New TOTAL CVWD Bill Option B	Diff. (Ex. Bill - Option B)	New TOTAL CVWD Bill Option C	Diff. (Ex. Bill - Option C)	New TOTAL CVWD Bill Option A.1	Diff. (Ex. Bill - Option A.1)	New TOTAL CVWD Bill Option B.1	Diff. (Ex. Bill - Option B.1)	New TOTAL CVWD Bill Option C.1	Diff. (Ex. Bill - Option C.1)
51	\$502.66	91	\$563.09	\$60.43	\$555.74	\$53.08	\$547.85	\$45.19	\$542.11	\$39.45	\$536.03	\$33.37	\$530.08	\$27.42
52	\$514.05	88	\$574.01	\$59.96	\$566.41	\$52.36	\$558.25	\$44.20	\$552.51	\$38.46	\$546.23	\$32.18	\$540.07	\$26.02
53	\$525.44	76	\$584.93	\$59.49	\$577.08	\$51.64	\$568.65	\$43.21	\$562.91	\$37.47	\$556.43	\$30.99	\$550.06	\$24.62
54	\$536.83	75	\$595.85	\$59.02	\$587.75	\$50.92	\$579.05	\$42.22	\$573.31	\$36.48	\$566.63	\$29.80	\$560.05	\$23.22
55	\$548.22	62	\$606.77	\$58.55	\$598.42	\$50.20	\$589.45	\$41.23	\$583.71	\$35.49	\$576.83	\$28.61	\$570.04	\$21.82
56	\$559.61	61	\$617.69	\$58.08	\$609.09	\$49.48	\$599.85	\$40.24	\$594.11	\$34.50	\$587.03	\$27.42	\$580.03	\$20.42
57	\$571.00	58	\$628.61	\$57.61	\$619.76	\$48.76	\$610.25	\$39.25	\$604.51	\$33.51	\$597.23	\$26.23	\$590.02	\$19.02
58	\$582.39	47	\$639.53	\$57.14	\$630.43	\$48.04	\$620.65	\$38.26	\$614.91	\$32.52	\$607.43	\$25.04	\$600.01	\$17.62
59	\$593.78	57	\$650.45	\$56.67	\$641.10	\$47.32	\$631.05	\$37.27	\$625.31	\$31.53	\$617.63	\$23.85	\$610.00	\$16.22
60	\$605.17	56	\$661.37	\$56.20	\$651.77	\$46.60	\$641.45	\$36.28	\$635.71	\$30.54	\$627.83	\$22.66	\$619.99	\$14.82
61	\$616.56	48	\$672.29	\$55.73	\$662.44	\$45.88	\$651.85	\$35.29	\$646.11	\$29.55	\$638.03	\$21.47	\$629.98	\$13.42
62	\$627.95	42	\$683.21	\$55.26	\$673.11	\$45.16	\$662.25	\$34.30	\$656.51	\$28.56	\$648.23	\$20.28	\$639.97	\$12.02
63	\$639.34	38	\$694.13	\$54.79	\$683.78	\$44.44	\$672.65	\$33.31	\$666.91	\$27.57	\$658.43	\$19.09	\$649.96	\$10.62
64	\$650.73	33	\$705.05	\$54.32	\$694.45	\$43.72	\$683.05	\$32.32	\$677.31	\$26.58	\$668.63	\$17.90	\$659.95	\$9.22
65	\$662.12	32	\$715.97	\$53.85	\$705.12	\$43.00	\$693.45	\$31.33	\$687.71	\$25.59	\$678.83	\$16.71	\$669.94	\$7.82
66	\$673.51	33	\$726.89	\$53.38	\$715.79	\$42.28	\$703.85	\$30.34	\$698.11	\$24.60	\$689.03	\$15.52	\$679.93	\$6.42
67	\$684.90	25	\$737.81	\$52.91	\$726.46	\$41.56	\$714.25	\$29.35	\$708.51	\$23.61	\$699.23	\$14.33	\$689.92	\$5.02
68	\$696.29	20	\$748.73	\$52.44	\$737.13	\$40.84	\$724.65	\$28.36	\$718.91	\$22.62	\$709.43	\$13.14	\$699.91	\$3.62
69	\$707.68	26	\$759.65	\$51.97	\$747.80	\$40.12	\$735.05	\$27.37	\$729.31	\$21.63	\$719.63	\$11.95	\$709.90	\$2.22
70	\$719.07	20	\$770.57	\$51.50	\$758.47	\$39.40	\$745.45	\$26.38	\$739.71	\$20.64	\$729.83	\$10.76	\$719.89	\$0.82
71	\$730.46	25	\$781.49	\$51.03	\$769.14	\$38.68	\$755.85	\$25.39	\$750.11	\$19.65	\$740.03	\$9.57	\$729.88	(\$0.58)
72	\$741.85	13	\$792.41	\$50.56	\$779.81	\$37.96	\$766.25	\$24.40	\$760.51	\$18.66	\$750.23	\$8.38	\$739.87	(\$1.98)
73	\$753.24	13	\$803.33	\$50.09	\$790.48	\$37.24	\$776.65	\$23.41	\$770.91	\$17.67	\$760.43	\$7.19	\$749.86	(\$3.38)
74	\$764.63	16	\$814.25	\$49.62	\$801.15	\$36.52	\$787.05	\$22.42	\$781.31	\$16.68	\$770.63	\$6.00	\$759.85	(\$4.78)
75	\$776.02	17	\$825.17	\$49.15	\$811.82	\$35.80	\$797.45	\$21.43	\$791.71	\$15.69	\$780.83	\$4.81	\$769.84	(\$6.18)

Table 3: Compare Total Water and Wastewater Bill for Each Option for Single Family

Bi-monthly Usage	Ex. TOTAL CVWD Bill	FY 14/15 No. of Bills	New TOTAL CVWD Bill Option A	Diff. (Ex. Bill - Option A)	New TOTAL CVWD Bill Option B	Diff. (Ex. Bill - Option B)	New TOTAL CVWD Bill Option C	Diff. (Ex. Bill - Option C)	New TOTAL CVWD Bill Option A.1	Diff. (Ex. Bill - Option A.1)	New TOTAL CVWD Bill Option B.1	Diff. (Ex. Bill - Option B.1)	New TOTAL CVWD Bill Option C.1	Diff. (Ex. Bill - Option C.1)
76	\$787.41	11	\$836.09	\$48.68	\$822.49	\$35.08	\$807.85	\$20.44	\$802.11	\$14.70	\$791.03	\$3.62	\$779.83	(\$7.58)
77	\$798.80	14	\$847.01	\$48.21	\$833.16	\$34.36	\$818.25	\$19.45	\$812.51	\$13.71	\$801.23	\$2.43	\$789.82	(\$8.98)
78	\$810.19	6	\$857.93	\$47.74	\$843.83	\$33.64	\$828.65	\$18.46	\$822.91	\$12.72	\$811.43	\$1.24	\$799.81	(\$10.38)
79	\$821.58	12	\$868.85	\$47.27	\$854.50	\$32.92	\$839.05	\$17.47	\$833.31	\$11.73	\$821.63	\$0.05	\$809.80	(\$11.78)
80	\$832.97	9	\$879.77	\$46.80	\$865.17	\$32.20	\$849.45	\$16.48	\$843.71	\$10.74	\$831.83	(\$1.14)	\$819.79	(\$13.18)
81	\$844.36	8	\$890.69	\$46.33	\$875.84	\$31.48	\$859.85	\$15.49	\$854.11	\$9.75	\$842.03	(\$2.33)	\$829.78	(\$14.58)
82	\$855.75	11	\$901.61	\$45.86	\$886.51	\$30.76	\$870.25	\$14.50	\$864.51	\$8.76	\$852.23	(\$3.52)	\$839.77	(\$15.98)
83	\$867.14	8	\$912.53	\$45.39	\$897.18	\$30.04	\$880.65	\$13.51	\$874.91	\$7.77	\$862.43	(\$4.71)	\$849.76	(\$17.38)
84	\$878.53	12	\$923.45	\$44.92	\$907.85	\$29.32	\$891.05	\$12.52	\$885.31	\$6.78	\$872.63	(\$5.90)	\$859.75	(\$18.78)
85	\$889.92	7	\$934.37	\$44.45	\$918.52	\$28.60	\$901.45	\$11.53	\$895.71	\$5.79	\$882.83	(\$7.09)	\$869.74	(\$20.18)
86	\$901.31	8	\$945.29	\$43.98	\$929.19	\$27.88	\$911.85	\$10.54	\$906.11	\$4.80	\$893.03	(\$8.28)	\$879.73	(\$21.58)
87	\$912.70	9	\$956.21	\$43.51	\$939.86	\$27.16	\$922.25	\$9.55	\$916.51	\$3.81	\$903.23	(\$9.47)	\$889.72	(\$22.98)
88	\$924.09	6	\$967.13	\$43.04	\$950.53	\$26.44	\$932.65	\$8.56	\$926.91	\$2.82	\$913.43	(\$10.66)	\$899.71	(\$24.38)
89	\$935.48	3	\$978.05	\$42.57	\$961.20	\$25.72	\$943.05	\$7.57	\$937.31	\$1.83	\$923.63	(\$11.85)	\$909.70	(\$25.78)
90	\$946.87	6	\$988.97	\$42.10	\$971.87	\$25.00	\$953.45	\$6.58	\$947.71	\$0.84	\$933.83	(\$13.04)	\$919.69	(\$27.18)
91	\$958.26	4	\$999.89	\$41.63	\$982.54	\$24.28	\$963.85	\$5.59	\$958.11	(\$0.15)	\$944.03	(\$14.23)	\$929.68	(\$28.58)
92	\$969.65	7	\$1,010.81	\$41.16	\$993.21	\$23.56	\$974.25	\$4.60	\$968.51	(\$1.14)	\$954.23	(\$15.42)	\$939.67	(\$29.98)
93	\$981.04	5	\$1,021.73	\$40.69	\$1,003.88	\$22.84	\$984.65	\$3.61	\$978.91	(\$2.13)	\$964.43	(\$16.61)	\$949.66	(\$31.38)
94	\$992.43	4	\$1,032.65	\$40.22	\$1,014.55	\$22.12	\$995.05	\$2.62	\$989.31	(\$3.12)	\$974.63	(\$17.80)	\$959.65	(\$32.78)
95	\$1,003.82	9	\$1,043.57	\$39.75	\$1,025.22	\$21.40	\$1,005.45	\$1.63	\$999.71	(\$4.11)	\$984.83	(\$18.99)	\$969.64	(\$34.18)
96	\$1,015.21	5	\$1,054.49	\$39.28	\$1,035.89	\$20.68	\$1,015.85	\$0.64	\$1,010.11	(\$5.10)	\$995.03	(\$20.18)	\$979.63	(\$35.58)
97	\$1,026.60	10	\$1,065.41	\$38.81	\$1,046.56	\$19.96	\$1,026.25	(\$0.35)	\$1,020.51	(\$6.09)	\$1,005.23	(\$21.37)	\$989.62	(\$36.98)
98	\$1,037.99	5	\$1,076.33	\$38.34	\$1,057.23	\$19.24	\$1,036.65	(\$1.34)	\$1,030.91	(\$7.08)	\$1,015.43	(\$22.56)	\$999.61	(\$38.38)
99	\$1,049.38	5	\$1,087.25	\$37.87	\$1,067.90	\$18.52	\$1,047.05	(\$2.33)	\$1,041.31	(\$8.07)	\$1,025.63	(\$23.75)	\$1,009.60	(\$39.78)
100	\$1,060.77	5	\$1,098.17	\$37.40	\$1,078.57	\$17.80	\$1,057.45	(\$3.32)	\$1,051.71	(\$9.06)	\$1,035.83	(\$24.94)	\$1,019.59	(\$41.18)

Chart 1 - Breakdown of Bills Sent in FY 14/15

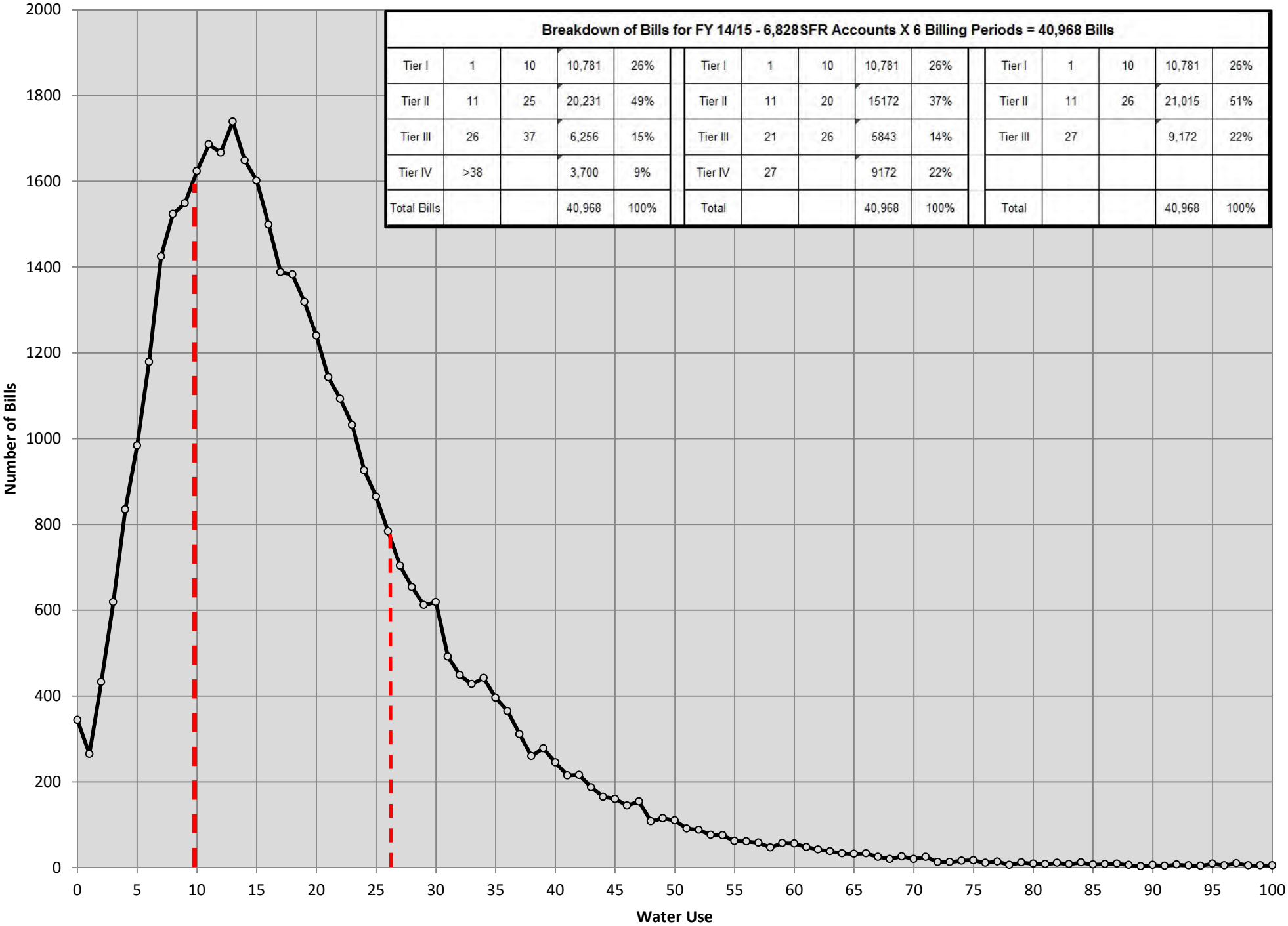


Table 4: Sample Total Bills Comparison for Each Option for Single Family

Water - Low Usage - & Wastewater - 3-yr Avg. Winter Water Use

Billing Period	Bi-monthly Usage	Ex. Total CVWD Bill	New Total CVWD Bill Option A	Diff. (Ex. Bill - Option A)	New Total CVWD Bill Option B	Diff. (Ex. Bill - Option B)	New Total CVWD Bill Option C	Diff. (Ex. Bill - Option C)	New Total CVWD Bill Option A.1	Diff. (Ex. Bill - Option A.1)	New Total CVWD Bill Option B.1	Diff. (Ex. Bill - Option B.1)	New Total CVWD Bill Option C.1	Diff. (Ex. Bill - Option C.1)
1 (Jan - Feb)	8	\$147.19	\$132.75	(\$14.44)	\$134.65	(\$12.54)	\$136.77	(\$10.42)	\$133.55	(\$13.64)	\$135.45	(\$11.74)	\$144.22	(\$2.97)
2 (Mar - Apr)	8	\$147.19	\$132.75	(\$14.44)	\$134.65	(\$12.54)	\$136.77	(\$10.42)	\$133.55	(\$13.64)	\$135.45	(\$11.74)	\$144.22	(\$2.97)
3 (May - Jun)	6	\$128.75	\$123.51	(\$5.24)	\$125.67	(\$3.08)	\$128.05	(\$0.70)	\$124.11	(\$4.64)	\$126.27	(\$2.48)	\$129.01	\$0.26
4 (Jul - Aug)	10	\$151.80	\$141.99	(\$9.81)	\$143.63	(\$8.17)	\$145.49	(\$6.31)	\$142.99	(\$8.81)	\$144.63	(\$7.17)	\$146.81	(\$4.99)
5 (Sept - Oct)	7	\$137.97	\$128.13	(\$9.84)	\$130.16	(\$7.81)	\$132.41	(\$5.56)	\$128.83	(\$9.14)	\$130.86	(\$7.11)	\$133.46	(\$4.51)
6 (Nov - Dec)	11	\$157.76	\$148.40	(\$9.36)	\$149.88	(\$7.88)	\$151.56	(\$6.20)	\$150.29	(\$7.47)	\$151.76	(\$6.00)	\$153.76	(\$4.00)
3-yr Avg. Winter Water Use	50	\$870.66	\$807.53	(\$63.13)	\$818.64	(\$52.02)	\$831.05	(\$39.61)	\$813.32	(\$57.34)	\$824.42	(\$46.24)	\$851.48	(\$19.18)
8				-3.5%		-2.8%		-2.2%		-3.1%		-2.5%		-1.0%

Water - Average Usage - & Wastewater - 3-yr Avg. Winter Water Use

Billing Period	Bi-monthly Usage	Ex. Total CVWD Bill	New Total CVWD Bill Option A	Diff. (Ex. Bill - Option A)	New Total CVWD Bill Option B	Diff. (Ex. Bill - Option B)	New Total CVWD Bill Option C	Diff. (Ex. Bill - Option C)	New Total CVWD Bill Option A.1	Diff. (Ex. Bill - Option A.1)	New Total CVWD Bill Option B.1	Diff. (Ex. Bill - Option B.1)	New Total CVWD Bill Option C.1	Diff. (Ex. Bill - Option C.1)
1 (Jan - Feb)	10	\$151.80	\$147.57	(\$4.23)	\$149.21	(\$2.59)	\$151.07	(\$0.73)	\$148.57	(\$3.23)	\$145.62	(\$6.18)	\$147.94	(\$3.86)
2 (Mar - Apr)	14	\$175.64	\$173.21	(\$2.43)	\$174.21	(\$1.43)	\$175.35	(\$0.29)	\$177.77	\$2.13	\$178.73	\$3.09	\$180.19	\$4.55
3 (May - Jun)	16	\$187.56	\$186.03	(\$1.53)	\$186.71	(\$0.85)	\$187.49	(\$0.07)	\$192.37	\$4.81	\$192.99	\$5.43	\$194.09	\$6.53
4 (Jul - Aug)	15	\$181.60	\$179.62	(\$1.98)	\$180.46	(\$1.14)	\$181.42	(\$0.18)	\$185.07	\$3.47	\$185.86	\$4.26	\$187.14	\$5.54
5 (Sept - Oct)	20	\$211.40	\$211.67	\$0.27	\$211.71	\$0.31	\$211.77	\$0.37	\$221.57	\$10.17	\$221.51	\$10.11	\$221.89	\$10.49
6 (Nov - Dec)	22	\$223.32	\$232.23	\$8.91	\$231.89	\$8.57	\$231.55	\$8.23	\$236.17	\$12.85	\$235.77	\$12.45	\$235.79	\$12.47
3-yr Avg. Winter Water Use	97	\$1,131.32	\$1,130.33	(\$0.99)	\$1,134.19	\$2.87	\$1,138.65	\$7.33	\$1,161.52	\$30.20	\$1,160.48	\$29.16	\$1,167.04	\$35.72
11				-0.1%		0.2%		0.4%		1.7%		1.6%		2.0%

Table 4: Sample Total Bills Comparison for Each Option for Single Family

Water - Above Average Outdoor Usage - & Wastewater - 3-yr Avg. Winter Water Use

Billing Period	Bi-monthly Usage	Ex. Total CVWD Bill	New Total CVWD Bill Option A	Diff. (Ex. Bill - Option A)	New Total CVWD Bill Option B	Diff. (Ex. Bill - Option B)	New Total CVWD Bill Option C	Diff. (Ex. Bill - Option C)	New Total CVWD Bill Option A.1	Diff. (Ex. Bill - Option A.1)	New Total CVWD Bill Option B.1	Diff. (Ex. Bill - Option B.1)	New Total CVWD Bill Option C.1	Diff. (Ex. Bill - Option C.1)
1 (Jan - Feb)	18	\$199.48	\$222.00	\$22.52	\$215.95	\$16.47	\$216.37	\$16.89	\$223.71	\$24.23	\$223.99	\$24.51	\$223.71	\$24.23
2 (Mar - Apr)	23	\$229.28	\$259.25	\$29.97	\$258.72	\$29.44	\$258.18	\$28.90	\$260.21	\$30.93	\$259.24	\$29.96	\$258.89	\$29.61
3 (May - Jun)	34	\$317.70	\$377.45	\$59.75	\$374.35	\$56.65	\$371.05	\$53.35	\$365.31	\$47.61	\$362.23	\$44.53	\$359.33	\$41.63
4 (Jul - Aug)	32	\$300.70	\$355.61	\$54.91	\$353.01	\$52.31	\$350.25	\$49.55	\$344.51	\$43.81	\$341.83	\$41.13	\$339.41	\$38.71
5 (Sept - Oct)	36	\$334.70	\$399.29	\$64.59	\$395.69	\$60.99	\$391.85	\$57.15	\$386.11	\$51.41	\$382.63	\$47.93	\$379.25	\$44.55
6 (Nov - Dec)	46	\$445.71	\$508.49	\$62.78	\$502.39	\$56.68	\$495.85	\$50.14	\$490.11	\$44.40	\$484.63	\$38.92	\$478.85	\$33.14
3-yr Avg. Winter Water Use	189	\$1,827.57	\$2,122.09	\$294.52	\$2,100.11	\$272.54	\$2,083.55	\$255.98	\$2,069.96	\$242.39	\$2,054.55	\$226.98	\$2,039.44	\$211.87
20				16.1%		14.9%		14.0%		13.3%		12.4%		11.6%

Water - High Usage - & Wastewater - 3-yr Avg. Winter Water Use

Billing Period	Bi-monthly Usage	Ex. Total CVWD Bill	New Total CVWD Bill Option A	Diff. (Ex. Bill - Option A)	New Total CVWD Bill Option B	Diff. (Ex. Bill - Option B)	New Total CVWD Bill Option C	Diff. (Ex. Bill - Option C)	New Total CVWD Bill Option A.1	Diff. (Ex. Bill - Option A.1)	New Total CVWD Bill Option B.1	Diff. (Ex. Bill - Option B.1)	New Total CVWD Bill Option C.1	Diff. (Ex. Bill - Option C.1)
1 (Jan - Feb)	32	\$300.70	\$355.61	\$54.91	\$353.01	\$52.31	\$350.25	\$49.55	\$344.51	\$43.81	\$341.83	\$41.13	\$339.41	\$38.71
2 (Mar - Apr)	66	\$673.51	\$726.89	\$53.38	\$715.79	\$42.28	\$703.85	\$30.34	\$698.11	\$24.60	\$688.63	\$15.12	\$678.05	\$4.54
3 (May - Jun)	56	\$559.61	\$617.69	\$58.08	\$609.09	\$49.48	\$599.85	\$40.24	\$594.11	\$34.50	\$586.63	\$27.02	\$578.45	\$18.84
4 (Jul - Aug)	32	\$300.70	\$355.61	\$54.91	\$353.01	\$52.31	\$350.25	\$49.55	\$344.51	\$43.81	\$341.83	\$41.13	\$339.41	\$38.71
5 (Sept - Oct)	45	\$434.32	\$497.57	\$63.25	\$491.72	\$57.40	\$485.45	\$51.13	\$479.71	\$45.39	\$474.43	\$40.11	\$468.89	\$34.57
6 (Nov - Dec)	62	\$627.95	\$683.21	\$55.26	\$673.11	\$45.16	\$662.25	\$34.30	\$656.51	\$28.56	\$647.83	\$19.88	\$638.21	\$10.26
3-yr Avg. Winter Water Use	293	\$2,896.79	\$3,236.58	\$339.79	\$3,195.73	\$298.94	\$3,151.90	\$255.11	\$3,117.46	\$220.67	\$3,081.18	\$184.39	\$3,042.42	\$145.63
20				18.6%		16.4%		14.0%		12.1%		10.1%		8.0%

CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS - STAFF REPORT

Action Item No. 4

April 19, 2016

To: Honorable President and Members of the Board of Directors
From: David S. Gould, P.E. – District Engineer
Subject: **Preliminary Proposition 218 Notification for Proposed Water and Wastewater Rates and Charges**

AGENDA ITEM:

Preliminary Proposition 218 Notification for Proposed Water and Wastewater Rates and Charges – Discussion of preliminary Proposition 218 Notification letter for proposed increases to water and wastewater rates and charges.

BACKGROUND:

CVWD is required to notify all of its customers about proposed changes in the water and wastewater rates and charges and allow customers an opportunity to protest the proposed rate increases as outlined in the provisions of Proposition 218. This legislation states that any new fee or rate imposed by a government agency must be noticed to its stakeholders and stakeholders must have an opportunity to protest any proposed rate increase.

For CVWD to be in compliance with the provisions of Proposition 218, the following steps must be followed:

1. Staff prepares a Proposition 218 notice describing the proposed rate increase and the method for protesting. The notice is provided to the Board of Directors for discussion.
2. The Board of Directors approves the notice and directs staff to send the Proposition 218 notice to all property owners within the District's service area.
3. A 45-day Public Notice review period commences for the public to submit a written protest.
4. Any written protests are summarized and submitted to the Board of Directors after the 45-day notice period is completed.
5. A public hearing will be held to determine if a majority of property owners within the District's service area have submitted written protests. If the submissions are less than one half of the majority of property owners, then the Board of Directors can proceed with a public hearing on the proposed rate increase.

DISCUSSION:

Staff is presenting preliminary Proposition 218 notification letters for review and discussion by the Board of Directors for both water and wastewater rates and charges (see attachments). The Proposition 218 notification water rate and charge increase is based on staff's recommendation of Option C.1 (3-tier system and 25% of total revenue from meter service charge).

The water rate notice focuses on the Board's direction related to replacing aging infrastructure, the effects of the drought and water conservation, water rate mitigation measures and the updated water and wastewater cost of service study.

The wastewater rate notice focuses on modification of the existing wastewater rate structure to a new rate structure that includes providing a wastewater service charge and a variable rate based on the quantity of wastewater discharged as outlined on the updated water and wastewater cost of service study. The notice for the wastewater rate and charge increase is based on staff's recommendation to modify the wastewater rate structure.

The content of the notice also provides the required information to the public for protesting the proposed rate increase.

Under the provisions of Proposition 218, water and wastewater rates that are published in the notices can be adjusted lower, but not higher.

SCHEDULE:

Staff will take any comments from the Board and incorporate them into a final form that will be reviewed by the Finance Committee on April 21, 2016. The final Proposition 218 notices will be presented at the Special Board meeting on April 26, 2016 for approval.

After final approval, staff will prepare the notices to be sent to property owners by May 6, 2016. This will start the 45-day review and comment period, which will end on June 20, 2016. The comments will be tabulated and presented to the Board at a Public Hearing on June 21, 2016.

Prepared by:



David S. Gould, P.E.
District Engineer

Submitted by:



Thomas A. Love
General Manager

Attachments:

1. Preliminary Proposition 218 Notification for Water Rates and Charges
2. Preliminary Proposition 218 Notification for Wastewater Rates and Charges



PUBLIC NOTICE OF PROPOSED INCREASE IN WATER RATES AND CHARGES

**Public Hearing to be held on Tuesday, June 21, 2016, at 6:00 p.m.
2700 Foothill Blvd., La Crescenta, CA 91214**

The Crescenta Valley Water District (CVWD) Board of Directors is considering a water rate increase to become effective July 1, 2016. **If approved, a water bill for a typical residence with a 3/4-inch meter using 14 units of water (14,000 gallons) during a two-month period will increase by 5.8%, \$10.13 (\$5.07 a month), a change from \$176.64 to \$185.77.**

EFFECTIVE DATE

If approved, the increased rates will become effective on all fees and charges on any bill where the billing period ends after July 1, 2016.

REASON FOR RATE INCREASE

Clean, reliable water is a fundamental and essential public service provided by CVWD. Most people do a good job conserving this precious resource, but still see their water bills going up. Why?

Aging Infrastructure

CVWD is committed to providing the highest quality services at the lowest possible cost for our customers. Some portions of CVWD's water distribution system are over 50 years old and are approaching, or have already reached, the end of their useful lives. The pipes, wells, pumping plants, reservoirs, and other infrastructure necessary to provide safe, clean water gets old, wears out, and must be replaced before they fail. This is especially true in a hillside community like La Crescenta where, in addition to the loss of water, the consequential damages to surrounding property owners resulting from a large water line failure could amount to millions of dollars.

Each year CVWD evaluates the infrastructure needs, programs, operations and maintenance cost of the water services for the next five years. CVWD has evaluated and identified certain facilities requiring rehabilitation or replacement. There are three ways for CVWD to pay for this work: 1) borrow the money from the public by issuing bonds, 2) obtain a grant from the state or federal government, or 3) pay cash from current revenues.

As a matter of policy, CVWD's Board has elected to use funds from CVWD's water reserve account to pay for the infrastructure needs of the District. CVWD also actively seeks grant funding and has secured over \$2.25 million in grant funding, which is being used to study a stormwater capture system, establish another emergency water connection, construct a new water supply well and construct a new water treatment system to re-activate an existing well. In addition to these grant funded water supply and reliability projects, there are necessary and critical infrastructure replacement needs that costs between \$2-\$3 million per year, which are funded from water sales revenues and is included in the water rates.

Drought and Water Conservation

The effects of the extended state-wide drought and less than average rainfall in the Crescenta Valley has reduced the availability of our lowest cost water supply, local groundwater, by 40%. The effect of less local groundwater results in an increase in the purchase of expensive imported water is necessary to meet demands.

Water conservation will not reduce the cost of infrastructure repair and replacement because these costs are not affected by the variations in the amount of water delivered year to year. However, water utility revenue **is** based on the amount of water consumed that does vary from year to year. Under the current extreme drought conditions water use has and is expected to continue to decline which results in a revenue shortfall.

Water Rate Mitigation Measures

CVWD is committed to an efficient and economic operation and continuously evaluates every opportunity for expense reductions. CVWD's has reduced its total water operation and maintenance expenses by \$240,000 from 2014 to 2016. This year's FY 2016/17 budget for total water operation and maintenance expense is \$160,000 less than budgeted for last year. CVWD's reserve funds are set up to be used to mitigate future rate increases. CVWD has used these funds from its "Rate Stabilization Reserve" in recent years and projects using additional reserve funds over the next few years.

RATE STUDY RESULTS

In 2016, CVWD completed an updated Water and Wastewater Cost of Service Study (Study) prepared by an outside consultant, which included a comprehensive cost of service analysis to equitably allocate cost based on customer classes and water use characteristics. The proposed changes in the water rates and charges are based on this Study.

Notable changes are:

- 1) Water use ranges for Tiers 2 and 3 have been adjusted and Tier 1 range remains unchanged
- 2) Tier 4 has been eliminated
- 3) The quantity charge for each Tier Level has been adjusted based on the Study
- 4) The meter service charge has increased based on the Study.

CVWD developed the proposed water rate structure based on the following factors and objectives:

- Revenue sufficiency and financial stability - These water rates and charges were developed to support projected operating costs of the District, increased capital (infrastructure) replacement costs and to ensure sufficient funding of reserves through FY 2020/21.
- Customer rate equity - These water rates and charges were based on the Study, and reflect equity of cost among the rate classes.
- Rate impact mitigation - These water rates and charges were made to minimize the impact of the rate adjustments to CVWD's customers.
- Legal compliance - These water rates and charges comply with Proposition 218 and associated laws, and support the District's goal of achieving the State of California's required interim and final water conservation targets.
- Customer support - These water rates and charges are clear and understandable to customers.
- Special considerations - These water rates and charges reflects the influence on costs and revenue of drought conditions, water conservation, and changes in operational costs.

By State law, CVWD may not collect more revenue than is necessary to recover the costs of providing services.

The documents supporting the water rates and charges, including the Water and Wastewater Cost of Service Study, and the FY 2016/17 Water budget, are available for review after May 6, 2016 at the CVWD's office between 8:00 a.m. and 4:30 p.m., Monday through Friday, or online at www.cvwd.com.

CVWD is a Public agency and does not operate on a for-profit basis.

YOUR WATER BILL

There are two components which make up the water portion of your CVWD bill you receive every two months.

- 💧 **Water Service Charge:** A portion of the District's overall fixed costs, which are not affected by water use, such as: infrastructure, rehabilitation, system maintenance and administration.
- 💧 **Water Quantity Rate:** The CVWD price per unit of water based on a tiered structure. *A unit of water is 1,000 gallons.*

PROPOSED WATER RATES & CHARGES INCREASE

Water service charge: Increase from \$38.23 per two month billing period to **\$41.06** per two month billing period for a typical (3/4-inch) residential water meter. Refer to the attached table for the increased water service charges for larger meters.

Water Quantity Rate: (Customer Class) - Single Family Residence

Tier	Current Water Use Range	Current Rates	Proposed Water Use Range	Proposed Rates (effective 7/1/16)
Tier 1	0-10 Units	\$4.61	0-10 Units	\$4.45
Tier 2	11-25 Units	\$5.96	11-26 Units	\$6.95
Tier 3	26-37 Units	\$8.50	Over 27 Units	\$9.99
Tier 4	Over 37 Units	\$11.39		

Water Quantity Charge: (Customer Class) -Multi-Family, Commercial, Institution, and School

💧 Increase from \$5.96 to **\$6.25** per unit.

Water Quantity Charge: Irrigation (Accounts with a dedicated meter for irrigation only)

💧 **Tier 1 water rate (0-80* units):** Decrease from \$5.96 to **\$4.34** per unit.

*Changed Tier 1 Water use range from 0-70 units

💧 **Tier 2 water rate (81 units and above):** Decrease from \$11.39 to **\$9.22** per unit.

Please see the proposed water rate and charges table on the following page for all applicable rates and charges.

WHERE YOUR WATER COMES FROM

CVWD serves its customers water from two (2) water supply sources; 1) Water supplied from a local resource that pumped from the ground (produced) by the District through a series of groundwater wells located within the Verdugo Basin; 2) Water purchased from Foothill Municipal Water District (FMWD).

FMWD is a water wholesaler whose primary job is to purchase water from Metropolitan Water District of Southern California (MWD) and sell it to retail agencies like CVWD. The purchased water consists of a combination of water from the California State Water Project in Northern California and from the Colorado River. The distance the water must travel greatly increases the cost of supplying the water. CVWD's water supply that it purchases from FMWD is nearly three times more expensive than local groundwater.

PROTEST LETTERS

Any CVWD customer or property owner within the CVWD service area may file a written protest of the proposed changes in the water rates and charges by sending a letter to: CVWD, 2700 Foothill Boulevard, La Crescenta, CA 91214. A valid protest letter must include your name, your CVWD service address or parcel number, a statement of protest, and an original signature.

Protest letters will be tabulated and presented to the Board of Directors at a public hearing to be held on **Tuesday, June 21, 2016, at 6:00 p.m. at the CVWD main office.** Any CVWD customer or property owner may submit a letter or appear at the hearing to make comments regarding the proposed rate increase. Letters received prior to 12:00 p.m. on June 17, 2016 will be included in the agenda package distributed to the Board of Directors and posted online at www.cvwd.com.

The Board of Directors may adopt, revise, or modify the rate increase as proposed at a Special Board meeting which is scheduled for June 28, 2016.

The Board may not increase water rates and charges more than indicated in this notice.

WHERE TO GET MORE INFORMATION

The proposed water rate chart is available for inspection on the District's website www.cvwd.com or at the District's office at 2700 Foothill Boulevard, La Crescenta, CA 91214 between 8:00 a.m. and 4:30 p.m., Monday through Friday. The District can assist in answering any questions about your bill. If you have questions or need additional information, please contact CVWD at **(818) 248-3925** or e-mail water@cvwd.com.

DISTRICT INFORMATION

CVWD is a public agency and is governed by five elected Board Directors. The mission of the District is to provide dependable water service and wastewater collection in La Crescenta, Montrose, and portions of Glendale and La Canada Flintridge. In carrying out this mission, the District places special emphasis on delivering a high quality water supply and system reliability at the most reasonable costs to its ratepayers. The District endeavors to promote conservation of its resources and to perform all operations in the most efficient manner to meet the needs of the community.

The Board meets at 7:00 p.m. every 1st and 3rd Tuesday of each month at CVWD's main office at 2700 Foothill Blvd. in La Crescenta and the District welcomes the public's input. This document and other information regarding the District can also be found on the District's web site at www.cvwd.com.

<u>Current</u>			<u>Proposed</u>		
<u>Usage Charge for Single Family Residence</u>			<u>Usage Charge for Single Family Residence</u>		
	<u>Water Use Range</u>	<u>Total Cost</u>		<u>Water Use Range</u>	<u>Total Cost</u>
Tier I	1-10 Units	\$4.61	Tier I	1-10 Units	\$4.45
Tier II	11-25 Units	\$5.96	Tier II	11-26 Units	\$6.95
Tier III	26-37 Units	\$8.50	Tier III	27 Units and above	\$9.99
Tier IV	38 Units and above	\$11.39			
<u>Usage Charge for Multi-Family, Commercial, Institutional, & School</u>			<u>Usage Charge for Multi-Family, Commercial, Institutional, & School</u>		
		<u>Total Cost</u>			<u>Total Cost</u>
Base Rate		\$5.96	Base Rate		\$6.25
<u>Usage Charge for Irrigation</u>			<u>Usage Charge for Irrigation</u>		
	<u>Water Use Range</u>	<u>Total Cost</u>		<u>Water Use Range</u>	<u>Total Cost</u>
Tier I	1-70 Units	\$5.96	Tier I	1-80 Units	\$4.34
Tier II	71 Units and above	\$11.39	Tier II	81 Units and above	\$9.22
<u>Meter Service Charge (per bi-monthly period)</u>			<u>Meter Service Charge (per bi-monthly period)</u>		
	<u>7/1/2015</u>	<u>7/1/2015</u>		<u>7/1/2016</u>	<u>7/1/2016</u>
<u>Meter Size</u>	<u>Within District</u>	<u>Outside District</u>	<u>Meter Size</u>	<u>Within District</u>	<u>Outside District</u>
3/4"	\$38.23	\$38.63	3/4"	\$41.06	\$41.46
1"	\$46.96	\$47.36	1"	\$61.25	\$61.65
1½"	\$68.56	\$68.96	1½"	\$111.73	\$112.13
2"	\$86.72	\$87.12	2"	\$172.32	\$172.72
3"	\$94.56	\$94.96	3"	\$364.16	\$364.56
4"	\$242.94	\$243.34	4"	\$646.87	\$647.27
<u>Private Fire Protection Service Charge (per bi-monthly period)</u>			<u>Private Fire Protection Service Charge (per bi-monthly period)</u>		
	<u>7/1/2015</u>	<u>7/1/2015</u>		<u>7/1/2016</u>	<u>7/1/2016</u>
<u>Meter Size</u>	<u>Within District</u>	<u>Outside District</u>	<u>Meter Size</u>	<u>Within District</u>	<u>Outside District</u>
1"	\$8.00	\$8.20	1"	\$12.03	\$12.43
2"	\$11.78	\$11.98	2"	\$18.57	\$18.97
3"	\$17.58	\$17.78	3"	\$33.44	\$33.84
4"	\$23.84	\$24.04	4"	\$59.08	\$59.48
6"	\$40.99	\$41.19	6"	\$151.10	\$151.50
8"	\$62.36	\$62.56	8"	\$309.82	\$310.22
10"	\$87.08	\$87.28	10"	\$548.57	\$548.97



**PUBLIC NOTICE OF PROPOSED
CHANGE IN WASTEWATER RATE STRUCTURE
Public Hearing to be held on Tuesday, June 21, 2016 at 6:00 p.m.
2700 Foothill Blvd, La Crescenta, CA 91214**

The Crescenta Valley Water District (CVWD) Board of Directors is considering modifications to the current wastewater rate structure, which will include a fixed component and a variable rate component based on a 3-year average for wintertime water use for single and multi-family residential customers to become effective July 1, 2016.

These proposed changes in the wastewater rate structure will not result in increased revenue nor increase the overall wastewater rates. **If approved, a wastewater bill for a typical single family residence with a wintertime water use of 8 units of water (8,000 gallons) during a two-month period will actually see a decrease of 9.9%, \$6.67 (\$3.34 a month), a change from \$67.50 to \$60.83.**

The CVWD Board had deferred a previously approved 4.4% wastewater rate increase for one year and will consider an additional deferral in the coming year.

EFFECTIVE DATE

If approved, the modified wastewater rate structure, rates and charges will become effective on any billing periods that end after July 1, 2016.

REASON FOR WASTEWATER RATE STRUCTURE MODIFICATION

The current wastewater rate structure for single family residential (SFR) and multi-family residential (MFR) includes a single fixed charge based on the number of dwelling units. The Community has requested that the wastewater rate structure be modified to include a water use component. To best account for wastewater use, a customer's indoor water use provides a reasonable estimate of the amount discharged to the wastewater. It has been shown that the majority of water use during wintertime (January & February) is indoor use since typically outdoor irrigation should be minimal during winter months.

A new wastewater rate structure was developed as part of the Water and Wastewater Cost of Service Study, which contains the cost of providing wastewater service and includes a variable expense based on the quantity of wastewater discharged to the wastewater collection system, and a fixed expense that does not change with the amount of wastewater discharged.

The proposed wastewater rate structure reduces the fixed charge (from previous years) and includes a new variable charge based on estimated indoor water use, which will more accurately reflect the cost of providing wastewater service to individual residences. The wastewater variable charge is based on CVWD's cost for wastewater treatment and disposal charges from the City of Los Angeles and will be based on a 3-year average of winter time water use.

The estimated indoor water use is based on a 3-year average of water use during wintertime (January & February) with a maximum amount of 20 units per bi-monthly period for SFR accounts. The winter time water use will be recalculated at the beginning of each year and this water use amount will be used for the wastewater variable charge for the next 12-months. (i.e. 8 water units x \$1.86 = \$14.88 will be the variable component for the next 12-months).

The wastewater fixed charge will be based on CVWD's fixed cost for wastewater operations and maintenance and will be consistent for 12-months (i.e. \$45.95 per bi-monthly billing period). Because the new rate structure takes water use into account, the existing low-water-use discount will be eliminated.

Commercial and institutional accounts will be charged based on water use per each billing period. Commercial and/or institutional accounts will be charged a minimum of \$30.05 per bi-monthly billing period if uses less than 6 water units.

Irrigation accounts will not be charged a wastewater charge since no water will be going to the wastewater system.

School accounts will be charged based on the average daily attendance, which is provided by Glendale Unified School District (GUSD) in October of year.

RATE STUDY RESULTS

In 2016, CVWD completed an updated Water and Wastewater Cost of Service Study (Study) prepared by an outside consultant, which included a comprehensive cost of service analysis to equitably allocate cost based on customer classes and wastewater use characteristics. The proposed changes in the wastewater rates and charges are based on this Study.

Notable changes are:

- 1) SFR and MFR accounts will include a variable charge based upon a 3-year average wintertime water use
- 2) The wastewater service (fixed) charge will decrease based on the Study.
- 3) Commercial and Institution are charge will be based on water use per each billing period

CVWD developed the proposed wastewater rate structure based on the following factors and objectives:

- Revenue sufficiency and financial stability - These wastewater rates and charges were developed to support projected operating costs of the District, City of Los Angeles costs for treatment, disposal and capital, increased capital (infrastructure) replacement costs and to ensure sufficient funding of reserves through FY 2020/21.
- Customer rate equity - These wastewater rates and charges were based on the Study, and reflect equity of cost among the rate classes.
- Rate impact mitigation - These wastewater rates and charges were made to minimize the impact of the rate adjustments to CVWD's customers.
- Legal compliance - These wastewater rates and charges comply with Proposition 218 and associated laws.
- Customer support - These wastewater rates and charges are clear and understandable to customers.
- Special considerations - These wastewater rates and charges reflects the influence on costs and revenue for the City of Los Angeles costs for treatment, disposal and capital and changes in operational costs.

By State law, CVWD may not collect more revenue than is necessary to recover the costs of providing services.

The documents supporting the wastewater rates and charges, including the Water and Wastewater Cost of Service Study, and the FY 2016/17 Water budget, are available for review after May 6, 2016 at the CVWD's office between 8:00 a.m. and 4:30 p.m., Monday through Friday, or online at www.cvwd.com.

CVWD is a Public agency and does not operate on a for-profit basis.

YOUR WASTEWATER BILL

There are two components which will make up the wastewater portion of your CVWD bill you receive every two months.

- **Wastewater Service Charge:** The District's fixed costs, which are used for the wastewater collection system, such as: infrastructure, rehabilitation, system maintenance and administration.
- **Wastewater Quantity Rate:** The CVWD price per unit of water component is based on a 3-year average for wintertime water use for single family residential customers with a maximum amount of 20 units per bi-monthly period for SFR accounts. *A unit of water is 1,000 gallons.*

PROPOSED WASTEWATER RATES & CHARGES INCREASE

Wastewater service charge: Will decrease from \$67.50 per two month billing period to **\$45.95** per two month billing period for SFR accounts. Refer to the attached table for the decrease in wastewater service charges for each customer class.

Wastewater Quantity Rate for SFR: The modified wastewater rate structure will include a wastewater quantity rate of \$1.86 per water unit. Refer to the attached table for wastewater quantity rate for each customer class.

WHERE DOES YOUR WASTEWATER GET TREATED:

CVWD maintains and operates a wastewater collection system which transports sewage via 75 miles of pipelines to the Los Angeles/Glendale Reclamation Plant located near the 5 and 134 freeways. Also, a portion of CVWD's wastewater is treated at the City of Los Angeles's Hyperion Water Reclamation Plant located in El Segundo. CVWD has a contract with the City of Los Angeles Bureau of Sanitation to provide treatment and disposal of wastewater.

PROTEST LETTERS

Any CVWD customer or property owner within the CVWD wastewater service area may file a written protest of the proposed rate changes by sending a letter to: CVWD, 2700 Foothill Boulevard, La Crescenta, CA 91214. A valid protest letter must include your name, your CVWD service address, a statement of protest, and an original signature.

Protest letters will be tabulated and presented to the Board of Directors at a public hearing to be held on Tuesday, **June 21, 2016, at 6:00 p.m. at the CVWD main office.** Any CVWD customer or property owner may appear at the hearing to make comments regarding the proposed rate structure modifications. Letters received prior to June 17th 2016 at noon will be included in the agenda package distributed to the Board of Directors and posted online at www.cvwd.com.

The Board of Directors may adopt, revise, or modify the rate increase as proposed at the Board meeting which is scheduled for June 28, 2016 at 7:00 p.m.

The Board may not increase wastewater rates and charges more than indicated in this notice.

WHERE TO GET MORE INFORMATION

The proposed wastewater rate chart is available for inspection on the District website, www.cvwd.com or at the District's office at 2700 Foothill Boulevard, La Crescenta, CA 91214 between 8:00 a.m. and 4:30 p.m., Monday through Friday. The District can assist in answering any questions about your bill. If you have questions or need additional information, please contact CVWD at **(818) 248-3925** or e-mail wastewater@cvwd.com.

DISTRICT INFORMATION

The District is a Public agency and is governed by five elected Directors. The mission of the District is to provide dependable water service and wastewater collection in La Crescenta, Montrose, and portions of Glendale and La Canada Flintridge. In carrying out this mission, the District places special emphasis on delivering a high quality water supply and providing its customers with safe and reliable treatment and disposal of wastewater. The District endeavors to promote conservation of its resources and to perform all operations in the most efficient manner to meet the needs of the community.

The Board meets at 7:00 p.m. every 1st and 3rd Tuesday of each month at CVWD's main office at 2700 Foothill Blvd. in La Crescenta and the District welcomes the public's input. This document and other information regarding the District can also be found on the District web site, www.cvwd.com.

<u>Current</u>		<u>Proposed</u>	
Customer Class	Charges & Rates	Customer Class	Charges & Rates
Single Family Residence		Single Family Residence	
Bi-Monthly Service Charge	\$67.50	Bi-Monthly Service Charge	\$45.95
		Quantity Charge (per unit ⁽¹⁾ ; up to 20 units per bi-monthly period & based on 3-yr average winter water use)	\$1.86
Multi Family Residence		Multi Family Residence	
Bi-Monthly Service Charge (per EDU)	\$67.50	Bi-Monthly Service Charge (per EDU)	\$30.05
		Quantity Charge (per unit ⁽¹⁾ ; up to 15 units per bi-monthly period & based on 3-yr average winter water use)	\$2.07
Commercial/Institutional		Commercial/Institutional	
Customer Charge	\$2.10	Customer Charge	\$0.00
Quantity Charge (per 1000 Gallons of Water Usage)	\$5.50	Quantity Charge (per 1000 Gallons of water usage)	\$4.90
Minimum Charge for Each Commercial User (If uses 12 units or less per billing period)	\$67.50	Minimum Charge for Each Commercial User (If uses 6 units or less per billing period)	\$30.05
School		School	
<u>Elementary School</u>		<u>Elementary School</u>	
Customer Charge	\$2.10	Customer Charge	\$0.00
Quantity Charge per 100 ADA ⁽²⁾	\$81.00	Quantity Charge per 100 ADA ⁽²⁾	\$81.60
<u>Middle School</u>		<u>Middle School</u>	
Customer Charge	\$2.10	Customer Charge	\$0.00
Quantity Charge per 100 ADA ⁽²⁾	\$162.10	Quantity Charge per 100 ADA ⁽²⁾	\$163.20
<u>High School</u>		<u>High School</u>	
Customer Charge	\$2.10	Customer Charge	\$0.00
Quantity Charge per 100 ADA ⁽²⁾	\$162.10	Quantity Charge per 100 ADA ⁽²⁾	\$244.80

Notes:

(1) A unit is 1,000 gallons

(2) ADA - Average Daily Attendance

CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS - STAFF REPORT

Action Item No. 5

April 19, 2016

To: Honorable President and Members of the Board of Directors
From: Thomas A. Love. – General Manager
Subject: **Consideration of rate structure adjustment for large lots**

AGENDA ITEM:

Large Lot Exemption – Discussion and possible action related to a water rate exemption for large lots.

BACKGROUND:

The Board has requested staff evaluate procedures and requirements to provide adjustments to the tiered rate structures for large, single family residential lots to account for the water demands required for landscape maintenance. This topic was previously evaluated by staff and presented to the Policy Committee and Board in late 2014. The Policy Committee evaluated the following alternatives:

1. Tiered rate structure remains the same (No Change)
2. Modify the customer class for large lots to a multi-family class, which is billed at the Tier 2 rate
3. Revise the allocation of water units in the tiered rate structure to accommodate the large lots
4. Develop a separate water based budget for the large lots
5. Develop a new rate structure based on a combination of alternatives 3 and 4
6. Modify the customer class for large lots to the irrigation class and use the 2-tiered rate structure. (new alternative)

Previously, the Policy Committee has directed staff to evaluate Alternative 5, which modifies the allocation of units in the tiered rate structure for large lot accounts and requested staff to prepare a process for a lot large lot account to get an exemption for the modified tiered rate structure.

The preliminary process for applying for and receiving any large lot exemption would be as follows:

1. Submit an application with a \$100.00 administration fee
2. Have a water audit performed by the District's water audit consultant
3. Implement the water audit recommendations including correction of any deficiencies identified in the report including, but not limited to:
 - a. Install low flow shower heads
 - b. Install aerators in all sinks
 - c. Install high efficiency toilet(s)
 - d. Correct any and all irrigation issues
 - e. Ensure all outdoor irrigation best management practices are implemented.
4. Meet with District staff to verify that corrections required are complete and discuss water budget if applicable
5. District will install a new "Smart" water meter at no cost to the customer (If not previously installed)

DISCUSSION:

For the purpose of this discussion, large lots have been defined as a single parcel, which has an area of ½ acre or 21,780 square feet or more in size. Staff utilized LA County's Property Assessment Information system to obtain parcel size data information that was used to create the Large Lot group.

Using this criterion, it was determined from the data that there are 108 single family residence (SFR) accounts that could be eligible to apply for the Large Lot Exception based on their lot size. (Note: an additional 366 SFR accounts could be eligible if 1/3 acre is used as the large lot criteria.). Of all eligible accounts, it is assumed that not all customers will apply, qualify, or be willing to make the necessary steps required to receive the exemption.

FISCAL ANALYSIS:

Using the proposed 2016 Water Rate Structure (3-tiered; Option C.1) for single family residences, a financial analysis was completed on the eligible 108 SFR accounts. Water bills were calculated using tier 2 and tier 3 only, with the units in tier 2 representing the amount of water allowed as calculated based on the outdoor irrigated area at 80% ETo for the month of August and 55 gallons per person per day for indoor use.

The financial analysis used each lot's previous six (6) billing periods on or before Jan 2015 for SFR accounts meeting the ½ acre criteria and included the following assumptions:

1. Only accounts where the modified rates actually saved the customer money over the course of the calendar year were used in the lost revenue calculation. (The elimination of the first 10 units of water in Tier 1 made this option not favorable for some customers.)
2. All of the customers who saved money over the one-year time frame would sign up and qualify for the exemption.
3. All participating customers would not go over their assigned water budget. (This was done in order to calculate the maximum revenue loss)

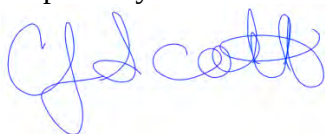
Conclusions:

1. Using option C.1. single family rate with the modifications state above, 69 of the 108 SFR accounts would realize an overall lower water bill
2. The amount of savings per account varied from \$17 to \$2,400 per year with an average savings of approximately \$450 per year
3. The maximum loss of revenue based on the above assumptions was approximately \$31,500
4. Approximately 50% of the loss of revenue was comprised of 10 customers, which is 15% of the eligible customers

RECOMMENDATION:

Staff recommends that the Board consider a modification for large lots owner who apply and qualify for an exemption that would utilize the purposed single family rates option C.1 tier 2 and tier 3. The water budgeted amount would be billed at tier 2 and all remaining water used billed at tier 3.

Prepared by:



Christy Scott
Program Specialist

Submitted by:

Thomas A. Love
General Manager

[Home](#) > [News](#) > [Water News](#)

Info Item

Emergency Conservation Mandate No Longer Warranted, ACWA Says in Comment Letter

Submitted by Lisa Lien-Mager on Thu, 04/14/2016 - 2:28pm in [Water Supply Challenges](#) [Regulatory Affairs](#) [Water News](#)

Citing significantly improved water supply conditions, ACWA is recommending that the State Water Resources Control Board rescind its emergency conservation regulation in favor of continued voluntary water use reductions statewide.

In comments submitted to the State Water Board on April 14, ACWA noted that improved snowpack conditions, reservoir storage and projected surface water deliveries for much of the state no longer warrant extraordinary emergency conservation mandates statewide. Diverse and extensive water supply investments by local water agencies also are contributing to improved water supply availability.



ACWA does support a state call for voluntary conservation and continuation of various prohibitions on water waste as a precaution against a possible return to dry conditions next winter and re-emergence of a drought crisis.

"ACWA believes it is time to end the State Water Board's mandatory water use restrictions statewide," ACWA said in its comment letter. "Continuing to ask Californians to sustain heroic water conservation efforts that are disproportionate to actual water supply conditions will undermine the credibility of the Administration and California's public water agencies and may make it much harder to generate the required response should emergency conditions re-emerge in the future."

The State Water Board has solicited comments on possible adjustments to an extended emergency conservation regulation adopted Feb. 2. The regulation extends mandatory statewide restrictions on urban water use through October 2016, but also calls for State Water Board staff to report back on possible modifications once more complete water supply information is available in April.

A public workshop will be held April 20 in Sacramento to receive input. Written comment letters were due April 14.

ACWA stated in its comment letter that if the State Water Board determines that some form of mandated emergency water use restrictions must be retained through October, the association recommends several options for restructuring the regulation.



Association of California Water Agencies

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Info Item

April 14, 2016

Delivered by e-mail to: commentletters@waterboards.ca.gov

The Honorable Felicia Marcus, Chair
and Honorable Members of the State Water Resources Control Board
c/o Jeanine Townsend, Clerk to the Board
State Water Resources Control Board
1001 I Street, 24th Floor
Sacramento, CA 95814

Subject: "Comment Letter – Urban Water Conservation Workshop"

Dear Chair Marcus and Members of the Board:

The Association of California Water Agencies (ACWA) appreciates this opportunity to provide comments to the State Water Resources Control Board (State Water Board) regarding possible additional modifications to the Extended Emergency Water Conservation Regulation (Emergency Regulation), in consideration of current water supply conditions. ACWA represents over 430 public water agencies which are responsible for delivery of over 90% of the water used for residential, commercial and agricultural purposes in California. Water agencies statewide are continuing to implement the unprecedented mandatory, emergency water use restrictions although drought conditions have been substantially alleviated by this winter's welcome precipitation and snowpack.

ACWA is providing comments in response to the three questions posed in the meeting notice distributed by the State Water Board.

1. What elements of the existing February 2016 Emergency Regulation, if any, should be modified and how so?

ACWA appreciates that as part of its approval of action in February that the State Water Board committed to consider rescinding or modifying the Emergency Regulation light of water supply conditions through April. ACWA believes that the Emergency Regulation should now be rescinded by the State Water Board based on current water supply conditions statewide as a result of significant winter precipitation and snowpack. Although precipitation and snowpack conditions may be only "normal" or even somewhat "below normal" in some regions, sufficient surface water supplies are clearly available to water agencies statewide such that storage is being fully replenished and the drought emergency has been substantially alleviated. Northern California snowpack conditions, the 2016 State Water Project Allocation of 45%, the Central

Valley Project Initial Allocation of 55% for urban water contractors south-of-Delta, and diverse water supply investments by water agencies statewide are all contributing to significantly improve water supply conditions statewide. California water users are aware that the severity of the drought has been mitigated, and it is extremely important to acknowledge that, for now, conditions no longer warrant extraordinary emergency conservation mandates.

ACWA does support a state call for voluntary water use reductions, and statewide continuation of the “End User Requirement in the Promotion of Water Conservation” in Section 864 through October, as a response to the possibility of a dry winter 2016-2017 and potential re-emergence of the drought crisis.

If the State Water Board makes a determination that some form of mandated emergency water use restriction for individual water suppliers must be retained until this Emergency Regulation expires in October, we recommend that the regulation be restructured to implement the water supply reliability assessment self-certification alternative that is currently being proposed by several water agencies.

However, if the State Water Board decides not to implement the water supply reliability assessment alternative method and yet continues to impose water supplier conservation mandates, the current Emergency Regulation needs to be significantly revised to add the credits and adjustments ACWA has previously advocated, including:

- Removing climate adjustment caps, and caps on drought-resilient supplies to fully address the remaining unresolved equity issues and continued disincentives for further investment in drought-resilient supplies.
- Removing the 2013 project start-date as qualifying criteria for drought-resilient supplies as it cuts off significant pre-drought investments and does not recognize the funding and planning cycle that has positioned California to meet the challenge of this drought.
- Expanding the definition of “drought-resilient supplies” to clearly include brackish groundwater desalination, surface and groundwater storage and conjunctive use projects, and direct non-potable recycled water supply projects.

2. How should the State Water Board account for regional differences in precipitation and lingering drought impacts, and what would be the methods of doing so?

Regional differences in precipitation in many instances actually are not the major driver of water supply security for most water agencies statewide. As noted above good snowpack conditions, good SWP and CVP urban water allocations, and diverse water supply investments by water agencies statewide will mitigate any effect of regional precipitation deficiencies in 2016. Any “lingering drought impacts” will need to be assessed in coming months and

appropriate responses targeted to specific conditions that are identified in individual affected communities. Urban water suppliers can be expected to be at the forefront of this effort, and ACWA and other organizations can partner with the State Water Board and other state agencies to identify and offer targeted assistance if warranted.

3. To what extent should the State Water Board consider the reliability of urban water supplier supply portfolios in this emergency regulation?

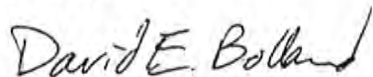
The State Water Board should rely on existing information on water supply reliability that is already available in individual urban water supplier's Urban Water Management Plans. The State Water Board should not place itself in the position of evaluating the reliability of urban water supplier's water supply portfolios in the context of the Emergency Regulation.

Conclusion

ACWA believes it is time to end the State Water Board's mandatory water use restrictions statewide. Continuing to ask Californians to sustain heroic water conservation efforts that are disproportionate to actual water supply conditions will undermine the credibility of the Administration and California's public water agencies and may make it much harder to generate the required response should emergency conditions re-emerge in the future.

Thank you for considering these comments. ACWA continues to appreciate the significant attention the State Water Board continues to give to the Emergency Regulation. I am available to discuss these comments at daveb@acwa.com or (916) 441-4545.

Sincerely,



David Bolland
Special Projects Manager

cc: Mr. Wade Crowfoot, Deputy Cabinet Secretary, Office of Governor Edmund G. Brown Jr.
Mr. Tom Howard, Executive Director, State Water Board
Mr. Eric Oppenheimer, Chief Deputy Director, State Water Board
Mr. Max Gomberg, Climate Change Mitigation Strategist, State Water Board
Mr. Timothy H. Quinn, Executive Director, ACWA
Ms. Cindy Tuck, Deputy Executive Director for Government Relations, ACWA

Written
Communication

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APR 13 2015

CRESCENTA VALLEY
WATER DISTRICT

301 NORTH LAKE AVENUE, 10TH FLOOR
PASADENA, CALIFORNIA 91101
PHONE: (626) 793-9400 • FAX (626) 793-5900

William F. Kruse
E-MAIL: WFKRUSE@lagerlof.com

*Lagerlof Senecal
Gosney & Kruse, LLP*

M E M O R A N D U M

To: Los Angeles County Independent Special Districts
From: William F. Kruse, Special Counsel
Date: APRIL 11, 2016
Subject: Election Results; LAFCO Representative

The election for LAFCO Representative closed as of 5:00 p.m. on April 8, 2016. 32 valid ballots were cast for LAFCO Representative. The results are as follows:

DONALD L. DEAR received 17 votes

MELVIN L. MATTHEWS received 10 votes

HAROLD BISSNER III received 5 votes

Mr. Dear will serve as the LAFCO Representative with his term ending in May 2020.

Thank you for participating in the election.

**CRESCENTA VALLEY WATER DISTRICT
INVESTMENT PORTFOLIO SUMMARY
April 15, 2016**

INVESTMENT TYPE	ACCT/CUSIP I.D. NO.	PURCHASE DATE	*FACE VALUE	INVESTMENT COST	% OF TOTAL	**MARKET VALUE	MATURITY DATE	DATE CALLABLE	EARNED TO DATE	YIELD TO MATURITY
GENERAL FUNDS										
GENERAL FUND-SWEEP ACCOUNT	0631-525246		\$ 279,040	\$ 279,040	1.66%	\$ 279,040	none	n/a	\$ 315	0.02%
GREAT PACIFIC SECURITIES	GPC-804452		\$ 1,008,510	\$ 1,008,510	6.00%	\$ 1,008,510	none	n/a	\$ 8	0.02%
BOND DEBT SERVICE FUND	6948-331525		\$ 434,210	\$ 434,210	2.58%	\$ 434,210	none	n/a	\$ 93	0.06%
LOCAL AGENCY INVESTMENT FUND	90-19-007		\$ 3,735,782	\$ 3,735,782	22.23%	\$ 3,735,782	none	n/a	\$ 4,912	0.37% Dec 2015
TRANSFER FROM MTBE RESERVE			\$ 2,000,000	\$ 2,000,000	11.90%	\$ 2,000,000				
FEDERAL FARM CREDIT (83)	3133EAY28	10/9/2012	\$ 500,000	\$ 502,885	2.99%	\$ 499,705	9/21/2017	n/a	\$ 2,774	0.71%
FEDERAL FARM CREDIT (86) SOLD	3133EC4L5	11/15/2012	\$ -	\$ -	0.00%	\$ -	11/23/2021	n/a	\$ 10,763	1.58%
FEDERAL FARM CREDIT (87)	3133EC4Y7	11/19/2012	\$ 500,000	\$ 500,000	2.97%	\$ 499,960	11/27/2017	n/a	\$ 3,108	0.93%
FEDERAL FARM CREDIT (96) SOLD	3133EENM8	2/2/2015	\$ -	\$ -	0.00%	\$ -	2/6/2025	n/a	\$ 14,439	2.14%
FEDERAL FARM CREDIT (97) NEW	31331VQG4	4/12/2016	\$ 1,000,000	\$ 1,269,540	7.55%	\$ 1,269,540	2/6/2026	n/a	\$ -	2.14%
			\$ 9,457,542	\$ 9,729,967		\$ 9,726,747			\$ 36,412	
CONSTRUCTION FUNDS										
COPS RESERVE FUND	108614000		\$ 617,146	\$ 617,146	3.67%	\$ 617,146	none	n/a	\$ 121	0.02%
			\$ 617,146	\$ 617,146		\$ 617,146			\$ 121	
MTBE CONTINGENCY FUNDS										
LOCAL AGENCY INVESTMENT FUND	90-19-007		\$ 3,493,304	\$ 3,493,304	20.78%	\$ 3,493,304	none	n/a	\$ -	0.37% Dec 2015
GREAT PACIFIC SECURITIES	GPC-003670		\$ 1,792,934	\$ 1,792,934	10.67%	\$ 1,792,934	none	n/a	\$ -	0.02%
TRANSFER TO WATER RESERVE			\$ (2,000,000)	\$ (2,000,000)	-11.90%	\$ (2,000,000)				
FEDERAL FARM CREDIT (M-44)	3133ECZR8	2/24/2016	\$ 1,000,000	\$ 1,145,730	6.82%	\$ 1,137,210	9/12/2025	n/a	\$ 533	2.19%
FEDERAL FARM CREDIT (M-45) SOLD	3133ECN75	3/1/2016	\$ -	\$ -	0.00%	\$ -	6/3/2021	n/a	\$ -	1.50%
FEDERAL FARM CREDIT (M-46) SOLD	3133EFH91	3/3/2016	\$ -	\$ -	0.00%	\$ -	3/2/2026	n/a	\$ -	2.30%
FEDERAL FARM CREDIT (M-47)	3133EDVC3	3/10/2016	\$ 1,000,000	\$ 1,022,320	6.08%	\$ 1,022,320	12/17/2019	n/a	\$ -	1.33%
US TREASURY (M-48)	912828P95	3/10/2016	\$ 1,000,000	\$ 997,350	5.93%	\$ 997,350	3/15/2019	n/a	\$ -	1.09%
			\$ 6,286,238	\$ 6,451,638		\$ 6,443,118			\$ 533	
TOTAL INVESTMENTS			\$ 16,360,926	\$ 16,798,751		\$ 16,787,011			\$ 37,066	
CASH- PAYROLL ACCOUNT	0948-024724		\$ 9,023	\$ 9,023	0.05%	\$ 9,023				
TOTAL CASH AND INVESTMENTS			\$ 16,369,949	\$ 16,807,774	100%	\$ 16,796,034			\$ 37,066	0.99%
						\$ (11,740)	***Unrealized Gain/(Loss) on Investments			

Yield on investments including LAIF but not cash accounts	1.39%
Yield on investments not including LAIF or cash accounts	1.59%

I certify that this report accurately reflects all pooled investments and is in compliance with California Government Code Sections 5922 & 53601 as amended on 1/1/97; are currently in conformity with the investment policy as stated in Resolution No. 728 adopted on December 8, 2015.

As Treasurer of the Crescenta Valley Water District, I, Ron L. Mitchell hereby certify that sufficient investment liquidity and anticipated revenues are available to meet one year of estimated expenditures for the operations of Crescenta Valley Water District.

*Value at investment maturity date.

***Reported in compliance with GASB Standard No. 31, effective July 1, 1997, the "fair value" adjustment necessary between cost and market value.

As of February 29, 2016

Water	\$ 12,196,103.98
Wastewater	\$ 4,745,144.31
Total Funds	\$ 16,941,248.29

Ron L. Mitchell, Secretary-Treasurer, CVWD	April 15, 2016	
	Date	

CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS - STAFF REPORT

April 19, 2016
Staff Report

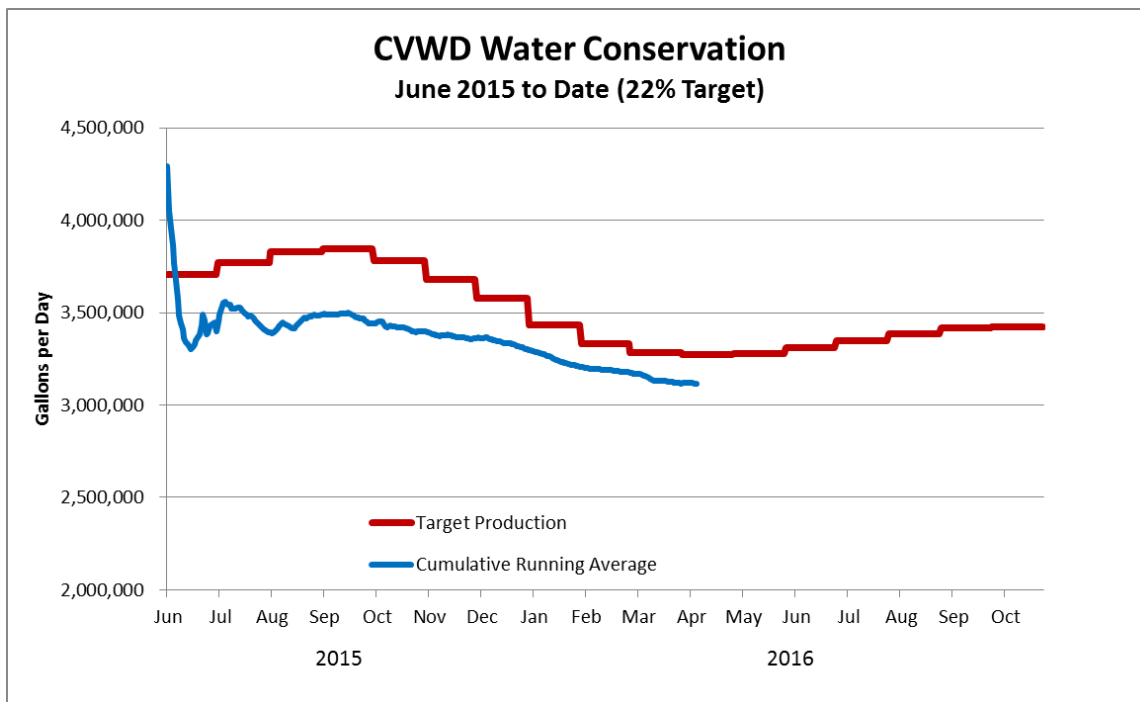
To: Honorable President and Members of the Board of Directors
From: Thomas A. Love, General Manager
Subject: **General Managers Report**

Water Conservation

Under the state water conservation mandate the District's water conservation target should have been 24%, based on 2013 per capita water use, using the State Water Resources Control Board guidelines. However, the SWRCB published conservation targets have consistently listed the District's conservation target at 20%. District staff has notified SWRCB of this discrepancy.

On April 7th the State Water Resources Control Board released revised water conservation targets with climate adjustments to account for evapotranspiration rates which vary by region. The conservation goal for water purveyors in climate Zone 9 has been reduced by 2% which applies to the District. The updated SWRCB *Urban Supplier Conservation Standards – Effective 1 March 2016* shows the District's conservation target at 18%. Staff will continue to monitor the District's conservation performance based on a conservation target of 22% (24% minus the 2% climate adjustment).

The following chart indicates the District's conservation performance through April 9th relative to the revised 22% conservation target.



Staffing

This month there are no staff anniversaries to report.

As of April 15th, the District has worked 675 days without a lost time accident.

CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS - STAFF REPORT

April 19, 2016
Staff Report

To: Honorable President and Members of the Board of Directors
From: David S. Gould, P.E. – District Engineer
Subject: District Engineer – Staff Report

1. **Water Production Report**

- April 1 – 17 – Water Production – 72%/ 28% split –48.3 MG for the time period.
Average use – 17.3% less than 2015 and 17.5% less than 5-yr average
SWRCB Conservation – 28.3% less than March 2013 – October 2013 period

2. **Rainfall Update**

- 0.70" for April 2016
- Rainfall total for Rainfall Year 2015/16 – 12.87"

3. **Report on Engineering**

- **CIP Projects**

- o Ocean View Chloramination Project
 - Electrical Work – Under Construction
 - Treatment System – to be installed by end of April
 - Testing – Preliminary set for early May
- o Pipeline Projects
 - 3900 Block of Park Pl. – Mainline installed, shutdown and connection to existing main planned for next week.
 - 2700 Block of Harmony
 - Community meeting held on April 12, 2016
 - Construction to start on April 20, 2016
- o Pickens Canyon Slope Repair
 - Working on Scope of Work for pipeline replacement and slope restoration

- **Water and Wastewater Cost of Service Study**

- o Discussion at Board Meeting

- **Nitrate Removal Treatment Facility at Well 2 Project**

- 50% technical memorandum by April 22, 2016

- **Crescenta Valley County Park Stormwater Recharge Facility Study**

- No Report

- **ULARA**

- Next Administrative Committee meeting – April 20, 2016

- **Water Meter Replacement Program**

- FY 15/16 water meter replacement program – Replaced 675 meters to date

4. **Report on Administrative and Field Operations**

- **Wells - Status**

- Well production capacity averaging 2.48 MGD for April with Well 16 in service
- Well 16 pumping rate at 385 gpm. It was at 415 gpm, but reduced due to cascading water.

5. **Field Maintenance & Operations – March 11 – March 31, 2016**

- **Water Lateral Leaks & Repairs**

- 2705 Manhattan ▪ 3340 Brookhill ▪ 3250 Brookhill
- 3446 Altura ▪ 3425 Altura ▪ 4532 New York

- **Fire Hydrant Repair**

- No Report

- **Developer Job**

- No Report

- **Water Main Leaks**

- 2900 Block of Los Olivos

- **Reservoir Maintenance**

- No Report

- **Sewer Maintenance**

- 2600-2700 Block of La Crescenta ▪ 2700-2800 Block of Los Olivos
- 2800 Block of Prospect ▪ 4600 Block of La Crescenta
- 2600-2700 Block of El Caminito ▪ 2700-2800 Block of Franklin
- 4900 Block of La Crescenta ▪ 2700-2800 Block of Fairmont
- 2700-2800 Block of Stevens ▪ 2700 Block of Sanborn
- 2800 Block of Alabama ▪ 4500 Block of Dyer
- 4700-4800 Block of La Crescenta ▪ 4400 Block of Raymond
- 2800-2900 Block of Foothill (N) Side ▪ 4400-4500 Block of La Crescenta
- 2800-2900 Block of Foothill (S) Side ▪ 2800 Block of Mary
- 4300 Block of Sharon ▪ 2700 Block of Mary
- 2700-2800 Block of Community

CRESCENTA VALLEY WATER DISTRICT

WATER PRODUCTION REPORT

April 1 - April 17, 2016

Well Production:	24,999,292	Gals		
GWP Production:	9,070,099	Gals		
Gravity Production:	682,000	Gals	% GW	72%
Purchased Water:				
FMWD:	13,603,000	Gals		
City of Glendale:	0	Gals	% Import	28%
TOTAL:	48,354,391	Gals		
	148.38	ac-ft		
Glenwood Nitrate Water				
Reclamation Plant:*	13,616,476	*Included in Well Production		

WATER DEMAND COMPARISON

	Average Daily Usage (gals)	Current Period Change	Average Daily Usage (gals)	Percentage Change
April 1, 2016 - April 17, 2016	2,844,376			
April 1, 2015 - April 17, 2015	3,437,818	-17.3%		
5-yr Average - April 2011 - 2015	3,449,468	-17.5%		
SWRCB CONSERVATION REGULATIONS			2,682,236	
March 1, 2016 through Oct 31, 2016				
BASELINE CONSERVATION			3,740,842	-28.3%
March 1, 2013 through Oct 31, 2013				

RAINFALL: April 1 - April 17, 2016

0.70"

Season-To-Date:

12.87"

2015/16 Fiscal Year Water Production			Groundwater Production Water Rights		GWP (Well 16) Water Production		Purchased Water Production Tier 2 Allocation	
Month	Actual Total Water Production (ac-ft)	Projected Total Water Production (ac-ft)	Month	Well Production (ac-ft)	Month	Well Production (ac-ft)	Month	Imported Water Production (ac-ft)
July	315	380	October	143	January	0	January	108
August	344	360	November	149	February	0	February	100
September	296	345	December	145	March	30	March	78
October	301	315	January	140	April	50	April	70
November	289	265	February	158	May		May	
December	281	265	March	142	June		June	
January	248	265	April	140	July		July	
February	258	265	May		August		August	
March	249	310	June		September		September	
April	260	335	July		October		October	
May		365	August		November		November	
June		375	September		December		December	
Total to Date	2,841	3,105	Total to Date	1,017	Total to Date	80	Total to Date	356
Projected	3,581	3,845	Water Rights	3,294			Tier 2	2,154
% of Projected	73.9%	80.8%	% of Rights	31%			% of Allocation	17%
Remaining	1,004	740	Remaining	2,277			Remaining	1,798

NOTE:

1) Blue Numbers = Estimated Water Production

Monthly Rainfall - 1970/71 - 2015/16 (Oct.- April)

