

CRESCENTA VALLEY WATER DISTRICT

**2700 Foothill Boulevard
La Crescenta, California**

**Agenda for the
Regular Meeting of the Board of Directors
of the Crescenta Valley Water District
to be held on Tuesday, August 11, 2015 at 7:00 p.m.**

Posted: August 7, 2015 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 the Minutes of the Adjourned Regular Meeting on July 21, 2015.
2. Ratification of Disbursements for July 2015.

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 a High Water Bill** – Consideration and possible action to grant a request for relief from a high water bill by Ms. Tasha Kusama at 3128 Altura Ave.
2. **Lower Pickens Canyon Pipeline Crossing Repair, Project E-957** – Consideration and motion to authorize the General Manager to enter into an agreement with DMC Engineering for topographic survey, property mapping and preliminary design services for the Lower Pickens Canyon Pipeline Crossing at an estimated cost of \$29,900.
3. **Installation of Variable Frequency Drive for Mills Booster B, Project M-955** – Consideration and motion to award a contract to California Building Evaluation & Construction for the installation of a variable frequency drive for Mills Booster B at a cost of \$35,915, establish a contingency amount of \$3,600 (10% of contract) to cover the cost of unforeseen or additional work and to find said project exempt from the provisions of the California Environmental Quality Act (CEQA).

Information Items

Written Communications to District

Staff Reports

Secretary-Treasurer

1. Cash and Investments

General Manager

1. Administrative Report.

District Engineer

1. Water Production Report –July, 2015.
2. Report on Administrative and Field Operations.

Program Specialist

1. Report of Water Conservation issues.

Information Technology

1. Report of Information Technology issues.

Attorney

1. Report on legal and related matters relevant to the District.

Reports of Committees

Engineering Committee

1. Consideration of engineering issues affecting the District.

Finance Committee

1. Consideration of financial issues affecting the District.

Employee Relations Committee

1. Consideration of employee relations issues affecting the District.

Policy Committee

1. Consideration of policy issues affecting the District.

Community Relations/Water Conservation Committee

1. Consideration of community relations/water conservation issues affecting the District.

Emergency Planning Committee

1. Consideration of emergency planning issues affecting the District.

Director's Oral Reports

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

Closed Session

- **Conference with Legal Counsel**

- o Initiation of litigation pursuant to paragraph (4) of subdivision (d) of Section 54956.9: One case.

Board Members' Request for Future Agenda Items

Adjournment

CRESCENTA VALLEY WATER DISTRICT
ADJOURNED REGULAR MEETING, BOARD OF DIRECTORS
July 21, 2015

Pursuant to the order of the Board of Directors of the Crescenta Valley Water District, made at the Regular Meeting of July 7, 2015, an Adjourned Regular Meeting was held on July 21, 2015, at 7:00 p.m. at the District office at 2700 Foothill Blvd., La Crescenta, California, with President Kenneth R. Putnam 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 (arrived late) Judy L. Tejeda
Attorney:	Thomas S. Bunn
General Manager:	Thomas A. Love
Secretary-Treasurer:	Ron L. Mitchell
District Engineer:	David S. Gould
Others Present:	Mark Hass, IT Manager Wendy Holloway, Customer Accounts Supervisor Larry Byers, Superintendent Dennis Maxwell, Maintenance Supervisor

PLEDGE OF ALLEGIANCE

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

ADOPTION OF AGENDA

It was moved by Director Tejeda, seconded by Director Erickson and carried by a 4-0 vote that the Agenda for the Adjourned Regular Meeting of July 21, 2015 be adopted as presented.

PUBLIC COMMENT – None

FOOTHILL MUNICIPAL WATER DISTRICT REPORT – Mr. Love reported that FMWD has not held a Board meeting; however, Ms. Scott attended the Water Resource Committee meeting today and said that June 2015 has had the lowest water delivery since 1992. Director Bodnar reported that last week MWD lost the lawsuit with San Diego Water Authority, and this will affect the other 25 member agencies by \$190M which will impact future water costs.

CONSENT CALENDAR

It was moved by Director Tejeda, seconded by Director Erickson and carried by a 4-0 vote to approve the Minutes of the Regular Board Meeting held on July 7, 2015.

It was moved by Director Erickson, seconded by Director Tejeda and carried by a 4-0 vote to ratify the disbursements for June 2015 which consisted of:

Payment of demands against the Crescenta Valley Water District on or before June 30, 2015 the same having been approved by the General Manager, Thomas A. Love, and heretofore paid, be ratified and approved subject to audit, in the aggregate sum of Seven Hundred Fifty Four Thousand Seven Hundred Forty Nine Dollars and Twenty Eight cents (754,749.28), which is composed of the individual items set forth herein.

ACTION CALENDAR

Well 16 Building and Related Facilities, Project E-940 – Mr. Gould reported that on April 21, 2015, the Board authorized the General Manager to advertise for bids for the subject project. A mandatory pre-bid meeting was held on June 2, 2015, which only 1 contractor attended. A revised mandatory pre-bid meeting was held on June 23, 2015, where 5 contractors attended. On July 16, 2015, at 2:00 p.m. the District opened and read bid proposals for this project. California Building Evaluation & Construction (CBEC) of Buena Park, CA was the apparent lowest responsible bidder for this project at \$343,925. The engineer's estimate was \$337,300 and the low bid was 2% higher. CBEC is currently working on the installation of the Motor Control Center (MCC) at Oak Creek Reservoir. Staff has been satisfied with the progress and change orders have been minimal. It is staff's recommendations to award the contract to the lowest responsible bidder, California Evaluation & Construction at a cost of \$343,925 and establish a 10% contingency fund of \$34,400. A pre-construction meeting will be set as soon as the contract is awarded, the agreement is signed, and insurance documents have been delivered. Construction should begin at the end of August 2015, the equipment that was pre-ordered should be in at the site by September 2015, the pump should be operational by October 2015 and the project completed by November 2015. Staff will be sending out letters to residents informing them of the upcoming construction, posting a description of the project and a construction schedule on CVWD's website and sending out a press release.

Following discussion:

It was moved by Director Bodnar, seconded by Director Tejeda and carried by a 4-0 vote to authorize the General Manager to award a contract to the lowest responsible bidder, California Building Evaluation & Construction, Inc. for the construction of the Well 16 building and related facilities at a cost of \$343,925 and establish a contingency amount of \$34,400 (10% of contract) to cover the cost of unforeseen or additional work.

Purchase of New District Vehicles – Mr. Mitchell reported that there are two trucks that need to be replaced. Unit #10 was purchased in 1998 and has been in the District's fleet for 17 years. This truck was used as an all-purpose truck by the water crews for field maintenance. In 2006 when the wastewater maintenance division was created, Unit #10 was re-assigned. The Maintenance crew uses this to travel from site-to-site performing the maintenance of the sewer lift station and other duties related to cleaning the sewers. It is also used to protect the Vactor

truck and workers when performing the routine sewer maintenance activities. Over the past six years there has been an increase in maintenance costs for the upkeep of this vehicle. At the present time, staff feels that major engine work may be required soon if this is not replaced which would exceed the value of the truck. Unit #14 was purchased in 2002 and was used for 9 years by Customer Service Field Representative to do daily work related to serving our customers' needs in the field. In 2011 Unit #14 was re-purposed for use by the System Operators to inspect and maintain the District's 23 reservoir, well, and booster sites. Unit #14 is currently not operational due to engine failure, and the estimate cost to replace the engine is more than the value of the truck. Staff prepared a request (RFQ) for quote for the purchase of two identical Ford F-150 replacement trucks and sent them to three Ford dealerships. Galpin Ford of North Hills provided the lowest quote for the two replacements units at \$47,872.86. The trucks will need to have safety light bars, two-way radios, tool boxes and directional arrows installed after delivery at an additional cost of approximately \$4,000 per truck. Staff will try to use existing equipment from the old units if possible. Director Bodnar has asked staff to prepare a fleet report with mileage for each truck, and what the truck is used for.

Following discussion:

It was moved by Director Erickson, seconded by Director Claessens and carried by a 4-0 vote to authorize the General Manager to purchase two (2) new vehicles from Galpin Ford with modifications at a cost of \$55,871.86 and declare the old units (#10 and #14) as surplus and direct to General Manager to dispose in a manner that best benefits the District.

Director Putnam arrived at 7:25 p.m.

Chloramination Treatment System Procurement and Installation at William's Reservoir, Project E-733CS-3 – Mr. Gould reported that the scope of work for this phase of the project (Phase 3) includes the procurement of a sodium hypochlorite feed system and an aqueous ammonia feed system located on skids for the chloramination of water that would be exported to FMWD and the break point chlorination of water that CVWD imports from FMWD. After the treatment equipment skids and storage tanks are installed inside the building, CVWD staff will install conduit connecting the chlorination building to the piping in the vaults on Ocean View Blvd. Once this is completed, an electrical contractor will be selected to perform all electrical and telemetry installations at the site as part of Phase 4. The cost estimate for Phase 3 is \$92,500 for the procurement of the equipment and installation. Mr. Gould stated that he would like to have the bids by August 6, 2015, and then award the contract by August 11, 2015.

Following discussion:

It was moved by Director Claessens, seconded by Director Bodnar and carried by a 5-0 vote to authorize the General Manager to advertise for bids for the procurement and installation of the Chloramination Treatment System at William's Reservoir with an engineer's estimate of \$92,500.

Schedule of August and September Board Meetings – Staff requested the Board's input for the times for the August and the September Board Meetings. Following discussion, it was

decided that there will be one Board meeting in August on the 11th, and the September meetings will be discussed at the August Board meeting.

INFORMATION ITEMS – None.

WRITTEN COMMUNICATIONS TO DISTRICT – None.

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 July 21, 2015:

Cash Accounts	\$102,073
Great Pacific Securities	\$1,390,529
Bond Debt Service Fund Acct	\$94,454
Local Agency Investment Fund	\$1,745,325
Transfer from MTBE Fund	\$2,000,000
Federal Farm Credit (78)	\$499,390
Federal Farm Credit (81)	\$980,710
Federal Farm Credit (83)	\$504,960
Federal Farm Credit (86)	\$985,200
Federal Farm Credit (87)	\$500,010
Federal Farm Credit (96)	\$967,817
Federal Farm Credit (97)	\$1,231,767
US Treasury (98) NEW	

MTBE Contingency Funds

Local Agency Investment Fund	\$826,489
Great Pacific Securities	\$159,159
Federal Farm Credit (M-35)	\$828,448
US Treasury (M-36)	\$995,940
Federal Farm Credit (M38A)	\$996,470
Federal Farm Credit (M-38B)	\$999,110
US Treasury (M-39A)	\$1,003,136
US Treasury (M-39B)	\$1,001,205
US Treasury (M-40)	\$1,008,892

Fund Balances at April 30, 2015

Water	\$12,781,856.75
Wastewater	\$5,721,849.22

GENERAL MANAGER – Mr. Love reported that on July 8, 2015 he attended the Crescenta Valley Chamber Mixer. On July 16, 2015, he gave a presentation at the CVTC meeting and gave

a brief overview of what the District has done in the last year with pipeline maintenance, repairs and major breaks. He also said that David Gould was interviewed by NPR, and he reminded the Board that he will be on vacation from July 24th to July 30th.

DISTRICT ENGINEER

Water Production – For the period of July 1 through July 15, 2015, water production averaged 54.6 million gallons per day, which is **23.1% less** than the daily average production of the same period in 2014. This is **25.5% less** from the daily average production of the previous five years.

Rainfall: July 2015	1.58”
Season-to-date:	12.28”

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

Rainfall Update – 1.58” for July 2015. Rainfall total for 2014-15 is at 12.28”.

Report on Engineering:

CIP Projects – Ocean View Chlorination Project – Building – Pre Construction meeting – August 12, 2015. Treatment Equipment – Advertise for Bid. Oak Creek MCC – MCC installed, change over from old MCC to new MCC.

Crescenta Valley County Park -Local Groundwater Assistance Grant – Percolation Test Pits – Completed July 16, 2015.

Well 16 – Prop. 84 – Drought Relief Grant – DWR – Site visit – July 14, 2015. DWR – Kick off meeting on Grant reporting – July 14, 2015. Design – Building plans – 95% completed by Glendale. Building – Award of contract. Construction – Pipeline, Working on 8-inch water main on La Crescenta Ave.

FMWD – No report

ULARA – Met on July 15, 2015; working on stipulation for LA. Glendale & Burbank Pumping.

La Canada Flintridge – Water Committee – LCF Water Forum – Met on July 16, 2015.

As Needed Consulting Services – No Report

Grants – Proposition 84 – Round 4 – Finalizing submittal to RMC; final submittal to DWR by August 7, 2015. Nitrate Removal Treatment Facility at Well 2 - \$1.78M. Met with APT Water to review preliminary agreement.

Water Meter Replacement Program: FY 14/15 Water Meter Replacement Program – replaced 998 meters. FY 15-16; to start in August 2015.

Report on Administrative and Field Operations:

Well Status – Well production capacity – Averaging 2.1 MGD for June

Developer Jobs – No Report

Booster Pumps – No Report

Water Quality – No Report

Reservoirs/Booster Stations – No Report

Field Maintenance and Operations update for July 1 – July 15, 2015

Water lateral leaks & repairs

- 2336 Henrietta Ave.
- 3115 Henrietta Ave.
- 2330 Caracas Ave.
- 5701 Canyonside

Water Main Leaks – No Report

Valve Replacement – No Report

Fire Hydrant Replacement – No Report

Sewer Maintenance – 2300 – 2400 blocks of Orange, Frances, Teasley, Whittier, Henrietta and Caracas. 4700 – 5400 blocks of Rosemont. 5100 block of Circle Vista.

PROGRAM SPECIALIST – No Report

INFORMATION TECHNOLOGY – No Report

ATTORNEY – No Report

REPORTS OF COMMITTEES

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

Finance Committee – Director Bodnar reported that the Committee met today at 6:00 p.m. and reviewed the Request for Proposals for the water and wastewater Cost of Service draft.

Employee Relations Committee – Director Erickson reported that the Committee had not met; however a meeting will be scheduled as needed.

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

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

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

DIRECTORS ORAL REPORTS

Director Claessens reported that he attended that CVTC meeting on July 16, 2015, and that he has filed his candidacy papers for the upcoming election.

Director Erickson reported that he attended the CVTC meeting on July 16, 2015, and that he mentioned the upcoming election. He discussed a flyer from the City of Banning regarding water conservation violations and penalties. He talked about the National Night out and how they moved

the location from La Crescenta to La Canada. He asked about the District's CV Weekly article and to make sure it will be in the paper at the end of the month.

Director Tejeda – No Report

Director Bodnar reported that he took another inspection trip for the Colorado River Basin, and he went to Zion National Park, Bryce National Park, and Capital Reef National Park.

Director Putnam – No Report

CLOSED SESSION – None

ADJOURNMENT

There being no other business to come before the Board at 8:15 p.m., it was moved by Director Bodnar, seconded by Director Claessens and carried that the meeting be adjourned to August 11, 2015 at 7:00 p.m.

APPROVED

Kenneth R. Putnam
President

Ron L. Mitchell
Secretary-Treasurer

CASH DISBURSEMENTS LIST

JULY 2015



Check#	Check Date	Payable To	Purpose	Water Amount	Wastewater Amount
0	7/29	Southern California Edison Co.	Power purchased	30,481.03	500.03
32128	7/2	Cash-Petty Cash	Reimbursement of petty cash	271.19	97.69
32129	7/2	City of LA Canada Flintridge	Permit for work at 5481 Ocean View	175.00	
32130	7/2	Mark Hass	Reimbursment for software purchased	449.25	149.75
32131	7/7	Accela, Inc. #774375	Annual Maintenance 07/01/15 - 06/60/16 for Utility Billing system	9,960.71	3,320.24
32132	7/7	Acme Wiping Materials	Shop supplies	127.20	127.20
32133	7/7	ACWA/Joint Powers Ins. Authori	Workers Compensation 04/2015 to 06/2015	16,727.00	11,151.00
32134	7/7	ACWA/JPIA	Health insurance for 07/2015	32,467.35	21,644.89
32135	7/7	All American Landscape Co.	Monthly landscape maintenance at Main office	217.50	72.50
32136	7/7	AMEC Foster Wheeler Environ. & Infrastructure	E-903A Stormwater recharge services through 05/29/15	2,089.85	
32137	7/7	Arrowhead Mountain Spring Water	Distilled water	30.92	
32138	7/7	AVAYA Financial Services	Land line lease	380.68	126.90
32139	7/7	Kisun Bang	Refund Check		32.50
32140	7/7	BC Laboratories, Inc	Water analysis	3,811.00	
32141	7/7	BC Laboratories, Inc	Water analysis	2,375.75	
32142	7/7	John F. Brugger	Welding services for D-13-57 and Well #9	4,150.00	
32143	7/7	C.V. Chamber of Commerce	Membership renewal	56.25	18.75
32144	7/7	CalPers	Employee contributions 06/2015	25,017.40	15,198.96
32145	7/7	Campbell's Automotive Service	Unit #10 - Full brake job		669.54
32146	7/7	Cannon	E-940 Well #16 services through 05/31/15	6,477.50	
32147	7/7	Capital One Commercial	Misc supplies	621.52	621.51
32148	7/7	Brian Carrico	Turf rebate	2,900.00	
32149	7/7	Charter Communications	Fiber Optic, internet at Office, Glenwood & Mills 06/2015	1,697.34	565.78
32150	7/7	Charter Communications	Cable service Mills, Office, and Glenwood	2,375.73	791.90
32151	7/7	Choice Pest Control	Monthly billing at various sites	263.00	70.00
32152	7/7	Church of the Nazarene	Turf rebate	16,400.00	
32153	7/7	City of Glendale - Permits	E-940 8-inch water transmission line	8,807.41	
32154	7/7	City of Glendale Water & Power	Power purchased	27,227.33	41.37
32155	7/7	Amy Cole	Refund Check	33.12	
32156	7/7	Colonial Life & Accidents Ins.	Employee paid insurance	183.61	
32157	7/7	Contractor Compliance & Mont Inc.	E-733CS Williams Reservoir Meter vaults/piping services 05/2015	701.25	
32158	7/7	Corporate Telecomm	Service for voicemail and email	50.62	16.88

Check#	Check Date	Payable To	Purpose	Water Amount	Wastewater Amount
32159	7/7	Vazgen Davtyan	Refund Check	37.42	
32160	7/7	Dell Marketing L.P.	Lease contract	415.34	138.44
32161	7/7	Direct Connection	Water quality reports printed	1,358.17	1,358.16
32162	7/7	DLT Solutions, LLC	Autodesk support renewal for CAD system	5,740.65	1,913.55
32163	7/7	Dodge Data & Analytics	E-733CS Advertise for bids	265.00	
32164	7/7	Downey Brand Attorneys LLP	ULARA Legal expense	2,639.08	
32165	7/7	Employee Relations Network	Employee background check - Whittaker	21.64	7.21
32166	7/7	ESRI, Inc	Desktop maintenance for GIS system	1,567.50	522.50
32167	7/7	Eurofins Eaton Analytical Inc.	Water analysis	919.00	
32168	7/7	First Choice	Coffee service office & plant	90.88	90.88
32169	7/7	Foothill Municipal Water	May CVWD/Glendale interconnection agreement	50.00	
32170	7/7	GEI Consultants, Inc.	M-951C Glenwood Booster service through 05/30/15	1,581.25	
32171	7/7	Gemini Group, LLC	Graphic design for water quality reports	1,212.50	1,212.50
32172	7/7	Golden Bell Products, Inc	Insecticide spraying of 64 manholes		1,767.00
32173	7/7	Graybar Electric Co., Inc.	Wall mounted enclosure with mounting pole and locking handle; misc. electrical equipment	347.40	986.67
32174	7/7	Great America Leasing Corp.	Kyocera Copier lease	434.91	434.91
32175	7/7	HD Supply Waterworks Ltd	DMMR, Antenna and XTR equipment	3,019.30	
32176	7/7	Zoltan Hoffman	Refund Check	37.14	
32177	7/7	Wendy Holloway	Mileage reimbursement Jan-May-June 2015	21.14	7.04
32178	7/7	Joseph A. Huerta	Mileage reimbursement Jan to June 2015	19.87	0.89
32179	7/7	Orin Hussein	Refund Check	3.61	
32180	7/7	Industrial Metal Supply Co	Aluminum floor plate for nitrate plant	323.03	
32181	7/7	Ken Daniels Automotive, Inc	Unit #38 - repairs to thermostate housing, brakes, air filter, & axel	1,064.88	354.96
32182	7/7	KR Nida Companies	Unit #6 - Wave base mobile antenna		75.20
32183	7/7	L.A. County Dept. Public Works	Excavation permit	4,115.80	
32184	7/7	L.A. County Dept. Public Works	Excavation permits	3,965.00	
32185	7/7	LA Dept Water and Power	Power purchased	45.56	
32186	7/7	Sook Ran Han Lee	Refund Check	24.74	
32187	7/7	Lincoln Financial Group	Long term and Dental insurance for 07/2015	3,052.66	2,035.11
32188	7/7	Shirley Lopez	Refund Check	31.83	
32189	7/7	Megan Marston	Refund Check	109.71	
32190	7/7	Melodie McElliot	Refund Check	59.93	
32191	7/7	Mikeloff Brothers	Repair unit #45	597.11	199.03
32192	7/7	New Image Landscaping & Tree Service, Inc.	Trim trees at Oak Creek E-931	3,680.00	
32193	7/7	O'Reilly Auto Parts	Misc parts 06/2015	137.90	45.96
32194	7/7	Office Depot - Credit Plan	Misc office supplies	655.68	538.21
32195	7/7	Paper Cuts, Inc	Paper shredding	26.88	26.87
32196	7/7	Paveco Construction Inc	E-733CS paving	10,048.63	

Check#	Check Date	Payable To	Purpose	Water Amount	Wastewater Amount
32197	7/7	Craig Pettigrew	Turf rebate	5,200.00	
32198	7/7	Ramco	Crushed misc base material 06/2015	2,962.02	
32199	7/7	Rassac Air Systems	Repairs to A/C plant	1,084.45	361.49
32200	7/7	Red Wing Shoe Store	Safety boots Alex Sandoval	139.56	46.52
32201	7/7	Kim Rhoads	Mileage reimbursement 06/2015	35.31	
32202	7/7	Royal Wholesale Electric	20A 1P circuit breaker and auxiliary contact	287.54	
32203	7/7	Ryan Herco Flow Solutions Boston	5 - 3-way solenoid valve rebuild kits	1,022.98	
32204	7/7	Sawyer Petroleum	431.2 gal.red diesel fuel/Glenwood	1,718.83	572.94
32205	7/7	Cynthia Spayth	Refund Check	66.90	
32206	7/7	Still Mor Automotive Inc.	Unit #25 -Recharge a/c unit	453.69	151.23
32207	7/7	Sully-Miller Contracting Co.	Cold mix	1,838.40	
32208	7/7	The Gas Company	Gas purchased Plant	60.34	20.11
32209	7/7	Toro's Lawnmower & Garden	Unit #3 - Misc. parts	52.14	17.37
32210	7/7	Trench Shoring Company	Plate rental for Montrose/Ramsdell	605.00	
32211	7/7	Tri-Xecutex Corp	Security alarm monitoring July, Aug, Sept 2015	243.00	81.00
32212	7/7	Underground Service Alert/SC	Underground notifications 06/2015	112.50	37.50
32213	7/7	Univar USA Inc	1110 gallons of bleach at Mills/Glenwood	3,041.68	
32214	7/7	UPS	Shipping charges plant	10.03	10.02
32215	7/7	Greta Upton	Refund Check	58.90	
32216	7/7	Vision Service Plan Co-(CA)	Group vision for 07/2015	313.54	143.70
32217	7/7	Waste Management - Sun Valley	Disposal service at Office & Glenwood 07/2015	699.07	233.02
32218	7/7	Water Wise Consulting, Inc	Water audit for 2810 Willowhaven	175.00	
32219	7/7	Wells Tapping Services, Inc.	D-13-57 Hot tap	400.00	
32220	7/7	West Coast Pipe	1,040' of 8" diameter pipe for project E-940	18,884.25	
32221	7/7	Western Water Works	E-940 - Repair clamps; gate valves; reducers; tees; flanges; elbows; butt straps	19,373.45	
32222	7/7	Marie Yeseta	Turf rebate	2,560.00	
32223	7/9	David Gould	Health Reimbursement	1,536.00	1,024.00
32224	7/9	Ron Mitchell	Health Reimbursement	44.25	29.50
32225	7/21	Abe's Security Systems, Inc	Entry into Unit #8	71.25	23.75
32226	7/21	ACWA/JPIA	Health insurance 08/2015	31,908.45	21,272.29
32227	7/21	Aflac	Employee paid insurance	1,323.53	
32228	7/21	Airgas USA, LLC	Monthly cylinder rental	184.13	184.12
32229	7/21	Ameripride Uniform Services, Inc	Uniforms rentals 06/2015	494.47	164.82
32230	7/21	ARC	Monthly MPS billing	849.09	283.03
32231	7/21	AT&T	Enterprise voice communications	2,889.40	897.76
32232	7/21	AT&T Mobility	Cell phone charges	928.55	309.51
32233	7/21	Best Drilling & Pump, Inc.	E-934 retension payment for wells 5,8,9,11,12	14,950.75	
32234	7/21	John F. Brugger	14.5 hrs. welding for valve replacements	1,750.00	
32235	7/21	CA Utility Executive Mgmt Association	Membership for Tom Love & Ron Mitchell	600.00	200.00

Check#	Check Date	Payable To	Purpose	Water Amount	Wastewater Amount
32236	7/21	CalPers	Annual Unfunded Accrued Liability as of 06/30/13 valuation	58,467.00	38,978.00
32237	7/21	Cargill, Inc - Salt Division	24.69 tons bulk solar salt/nitrate plant	3,050.94	
32238	7/21	City of Glendale - Permits	ULARA administrative services	5,920.05	
32239	7/21	City of Glendale Police Dept	False alarm charge	165.00	55.00
32240	7/21	City of Los Angeles	Capital & O&M portion of Asssc Plus Jan. 2015 payment shortage		199,492.00
32241	7/21	Michael Claessens	Rebate for hot water recirculation system	75.00	
32242	7/21	Corporate Telecomm	Telephone system support agreement	175.54	58.49
32243	7/21	Dataprose LLC	Printing and postage for Control 1-4	1,521.19	1,521.19
32244	7/21	Dell Marketing L.P.	Firewalls and network security hardware	7,812.78	2,604.26
32245	7/21	Do-it Center	Misc hardware for 06/2015	315.27	28.96
32246	7/21	Dodge Data & Analytics	E-733CS Advertise for bids	1,039.44	
32247	7/21	Downey Brand Attorneys LLP	ULARA Legal expense	3,920.00	
32248	7/21	Eurofins Eaton Analytical Inc.	Water analysis	398.00	
32249	7/21	Federal Express	Shipping charges office	12.23	12.22
32250	7/21	First Choice	Coffee service office & plant	105.40	105.40
32251	7/21	Foothill Car Wash, Lube & Oil	Oil change Unit #38; Oil change, service trans, radiator flush & air filter for Unit#8	239.02	79.67
32252	7/21	Foothill Municipal Water	FMWD purchased water for June 2015	188,968.03	
32253	7/21	Grainger	Office supplies	166.36	102.34
32254	7/21	Haaker Equipment Company	Air Duct Tube for Unit #31		547.37
32255	7/21	Hamilton Tool & Engineering	Steel tips for vactor trailer Unit #3		327.00
32256	7/21	Harrington Ind Plastics LLC	Pressure regulator and gauge for Well 14	403.77	
32257	7/21	Jobs Available Inc.	Renewal for Jobs available	33.75	11.25
32258	7/21	Just Tires, Inc.	Unit #8 -4 new tires and front/rear brake job	1,034.34	344.77
32259	7/21	Gary Gang Kim	Refund Check	51.07	
32260	7/21	Kyung Kim	Refund Check	19.37	
32261	7/21	Lagerlof, Senecal, Gosney & Kr	Legal services 06/2015	3,365.00	1,250.00
32262	7/21	Lock-Up Inc.	Service maintenance for gates at Glenwood	382.50	127.50
32263	7/21	Manhole Adjusting, Inc.	S-952 Sewer manhole repair and replacement		21,185.00
32264	7/21	New Image Landscaping & Tree Service, Inc.	Tree trimming at Ordunio, Rosemont & Oak Creek Reservoirs	8,502.50	177.50
32265	7/21	Newegg, Inc.	SCADA workstations & UPS power protection; software licenses	8,434.38	497.84
32266	7/21	Northern Safety Co., Inc	Misc. supplies	48.07	16.02
32267	7/21	Orchard Supply Hardware	Misc hardware 06/2015	788.15	385.94
32268	7/21	Paveco Construction Inc	Paving at various locations List #15-14	13,723.51	
32269	7/21	Florence Pearson	Refund Check		47.13
32270	7/21	Plumbers Depot Inc	Unit #31 -Oil & filter change		864.85
32271	7/21	Rassac Air Systems	Repair A/C at Plant	306.36	102.12
32272	7/21	Red Wing Shoe Store	Safety boots for Dulay, Dodge, Jones, Alvarez & Whittaker	980.94	326.97
32273	7/21	Kathy Ross	Rebate for hot water recirculation system	75.00	
32274	7/21	Scotty's & Sons, Inc	Water hoses & cart	415.00	414.98

Check#	Check Date	Payable To	Purpose	Water Amount	Wastewater Amount
32275	7/21	Serge's Automotive	New tires and oil change for Unit 23A	127.70	42.56
32276	7/21	Shell	Gas purchased	1,554.66	518.22
32277	7/21	So Cal Utility Contractors, Inc.	Refund of flooding meter deposit	835.60	
32278	7/21	So Cal Water Utilities Assoc.	Membership renewal David, Tom, Christina, Pete, Brook, Ron, Joe & Mark	112.50	37.50
32279	7/21	Star Brite Bldg. Maintenance Inc	Janitorial service 07/2015	618.75	206.25
32280	7/21	Ben Tibert	Refund Check	41.42	
32281	7/21	Tri-Xecutex Corp	Repair security alarm plant	244.83	81.61
32282	7/21	Univar USA Inc	1646 gal.bleach/Mills & Glenwood	2,657.23	
32283	7/21	UPS	Shipping charges plant	9.60	9.60
32284	7/21	Ver Sales, Inc	Tow straps	183.75	183.73
32285	7/21	Water Wise Consulting, Inc	Water audit at 3128 Altura	175.00	
32286	7/21	Wells Fargo Card Services	Gould: Books, lunch for engineering dept at AWWA Conference	184.40	61.46
32287	7/21	Wells Fargo Card Services	Hass: Monthly recurring charges, lunch & parking at AWWA Conference; computer hardware	337.41	112.47
32288	7/21	Wells Fargo Card Services	Love: Staff dinner before Board meeting	72.61	
32289	7/21	Wells Fargo Card Services	Mitchell: Line running forms for sewer crew; misc. supplies for field crew; battery for defibrillator unit	210.41	289.38
32290	7/21	Wells Fargo Card Services	Scott: Measuring wheel; lunch for servicemen; supplies	166.36	100.82
32291	7/21	Western Water Works	E-940 - 8" butt straps and gate valves	4,228.92	
32292	7/21	California Building Evaluations & Const., Inc,	E-931 MCC at Oak Creek Reservoir services from 5/1/15 to 6/5/15	41,507.40	
32293	7/21	California Building Evaluations & Const., Inc,	E-931 MCC at Oak Creek Reservoir services from 6/5/15 to 7/6/15	114,266.00	
32294	7/23	Direct Connection	Postage for Water tips post cards	805.33	805.33
Subtotals				\$ 842,430.94	\$ 365,108.86
Total Disbursements for July 2015				\$ 1,207,539.80	

CRESCENTA VALLEY WATER DISTRICT BOARD OF DIRECTORS - STAFF REPORT

Item No. 1

August 11, 2015

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. Tasha Kusama at 3128 Altura Ave.

BACKGROUND:

Ms. Tasha Kusama rents the property located at 3128 Altura Ave. and opened her account on January 2, 2015. While preparing the billing for the period January 16-March 15, 2015 (her first full billing cycle) it was noted that 118 units of water had passed through the meter. This was sent out for a re-read and check for leaks that indicated that the read was correct and no leaks were detected at that time. Ms. Kusama contacted her landlord who in turn contacted the office about this bill. On March 30, 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 again noted that no leaks were detected and the field representative indicated that the home has “beautiful green grass and roses”. A copy of the downloaded meter information is included in this packet. In fact the report indicates that a minimum of approximately 60 gallons per hour was being used until March 30th. This could indicate that sprinkler timers were readjusted at that point in time. At that time staff called Ms. Kusama and informed her about what the report indicated and sent her a copy in the mail.

Staff offered Ms. Kusama a water audit at no cost to her for the property and, after several attempts by the vendor to reach her, the appointment was made for June 1st. The audit (copy enclosed) was conducted two months after the download of the consumption information discussed above. During this time staff feels that adjustments to the sprinkler timers were made and consumption returned to normal or below normal levels for the property as indicated on the five year usage history report enclosed.

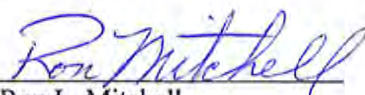
On June 28, 2015 staff received a letter from the landlord, Gene and Rozik Eagle (copy enclosed), saying that he replaced a sprinkler head on April 1st and then replaced a leaking sprinkler valve on April 4, 2015. Staff then processed an adjustment in the amount of \$300.00, which is the maximum allowed under the District’s policy. Ms. Kusama sent a letter dated July 30, 2015 requesting additional relief from her high water bill which staff is now bringing to the Board.

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 March billing period for this account is 10 units and would not go into tiers 2-4. Total consumption was 118 units which mean that the extra 108 units would be billed at tier 2. Staff has prepared a “re-calculated billing” that shows the billing for the period would be \$756.40 instead of the \$1,146.72 which was billed or a difference of \$390.92. Since staff has already granted a \$300.00 adjustment, the additional credit would be \$90.32 (\$390.92-\$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. Kusama.

Prepared by:


Ron L. Mitchell
Secretary-Treasurer

Submitted by:


Thomas A. Love
General Manager

Attachments:

g:\management\board meeting staff reports\2015\08-11-15 board memo - relief request 3128 Altura.docx

July 30, 2015

Dear Crescenta Valley Water District Board:

My name is Tasha Kusama, I moved to La Crescenta, to a rental house, in January 2015. I received my first water bill at the end of March 2015, for the amount of \$1,146.

I was shocked. There is/was no possible way my family of three (myself and my two daughters) could possibly use this much water. It is astronomical. I immediately notified my landlords, as soon as I got the water bill, and we examined the property to see if there were any leaks. There was a hidden area in the backyard where there was a water puddle near a sprinkler head. Just in case this was the cause, they immediately fixed the sprinkler head and checked for leaks anywhere else.

I work all day. I leave my house at 8:00am and don't return until after 6pm. My kids are both in school. When I come home, it is often dark, so if the sprinkler head in the back of the house was the cause of the excess water usage, I had no way of knowing this until I received the bill. We still cannot determine if this was, in fact, the cause, but, since then, it seems that the high water usage has subsided.

In the meantime, "Water Wise" has come to my house to do an audit, to find that with average, to even high, normal water usage at my house would never be even close to this billed amount. I have documentation of their assessment.

My current water bill is just a small fraction of my Jan-March bill. I would say that my current bill cycle is a truer example of what our water usage should be. The Crescenta Valley Water District has also granted me a one-time adjustment for leaks of \$300, but this still leaves me with a pretty hefty balance.

I am hoping that you can please add my case to the agenda of your next board meeting (first week of August 2015), where I can present my situation in more detail, and hopefully request more of an adjustment to help with the cost of this bill, which I truly feel I have no fault in accumulating.

Thank you,

Tasha Kusama

3128 Altura Ave
La Crescenta, CA 91214
(626) 840-1827

RECEIVED

JUN 30 2015

CRESCENTA VALLEY
WATER DISTRICT

June 28, 2015

Re: Sprinkler Repairs
3128 Altura Ave.
La Crescenta, CA 91214

To: La Crescenta Water Dept.

On April 1, 2015 I replaced one sprinkler head and added two in-line check valves to rear lower yard sprinklers. I purchase the sprinkler head from OSH and the work was self performed by Landlord.

On or about April 3, 2015 Tenant notified us, the rear yard sprinkler control valve was leaking. Immediately, I went to the property and turned the valve off and on and it seemed to stop leaking. The following day, April 4, 2015 we received another call from Tasha Kusama, stating, the valve was still leaking. On April 4, 2015, I replaced the leaking sprinkler valve with a new 3/4" Rainbird Pro Series Automatic Sprinkler Valve. The replacement sprinkler valve and supplies were purchased from Orchard Supply Hardware as well. I used some misc parts from my personal sprinkler supplies, and the work was self performed by me.

Attached to this letter are two receipts for purchased materials from Orchard Supply.

If you have any questions, please feel free to contact Rozik Eagle (my wife) at 818- 455-6685. She accompanies me during all repairs and she can answer any questions you might have.

Sincerely,

A handwritten signature in blue ink that reads "Gene Eagle". The signature is fluid and cursive, with a long horizontal stroke extending from the end of the name.

Gene Eagle



USAGE HISTORY

06/30/2015 - 9:53 AM

Current Customer: 030760-000

Established On: 1/2/2015

Route # 40

Name: TASHA KUSAMA

Address: 3128 ALTURA

Meter #: 75183466

Meter Size: .75

Status: A

U/M: Gallons

Meter Install Date: 5/20/2013

2015			2014			2013			2012			2011		
Jan	116	8	Jan	22	0	Jan	14	0	Jan	6	0	Jan	7	0
Feb	0		Feb		0	Feb		0	Feb		0	Feb		0
Mar	118		Mar	19	0	Mar	9	0	Mar	6	0	Mar	6	0
Apr	0		Apr		0	Apr		0	Apr		0	Apr		0
May	46		May	25	0	May	17	0	May	20	0	May	7	0
Jun	0		Jun		0	Jun		0	Jun		0	Jun		0
Jul	116	0	Jul	31	0	Jul	27	0	Jul	23	0	Jul	10	0
Aug	0		Aug		0	Aug		0	Aug		0	Aug		0
Sep	0		Sep	30	0	Sep	37	0	Sep	39	0	Sep	6	0
Oct	0		Oct		0	Oct		0	Oct		0	Oct		0
Nov	0		Nov	26	0	Nov	21	0	Nov	21	0	Nov	6	0
Dec	0		Dec		0	Dec		0	Dec		0	Dec		0

3yr average - 11,000

118 - 11 = 107,000

107,000 ÷ 2 = 53,500

53.5 × 8.75 = 468.13

53.5 × 2.03 = 108.61

576.74

\$300 max
OK-Ra



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

ACCOUNT NUMBER

030760-000

SERVICE ADDRESS

3128 ALTURA

DUE DATE

04/16/15

BILLING PERIOD

01/16/15 to 03/15/15

TOTAL CHARGES

\$1,146.72

AMOUNT ENCLOSED

\$

AUTOSCH 5-DIGIT 91214 7 PS5 91704RA25-A-1
1710 1 AV 0.378



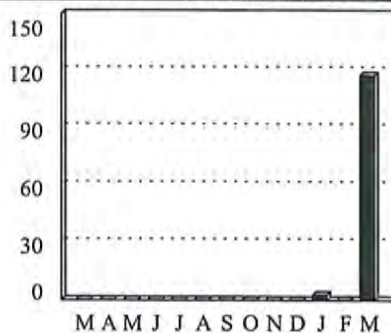
TASHA KUSAMA
3128 ALTURA AVE
LA CRESCENTA CA 91214-3603

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	
030760-000	3128 ALTURA	03/15/15	04/16/15	01/16/15 to 03/15/15	
METER NUMBER	COMMENTS	PRIOR READ	CURRENT READ	USAGE (IN 1,000 GAL)	USAGE LAST YEAR
75183466		252	370	118	0

WATER USAGE in THOUSAND GALLONS**SUMMARY OF CHARGES**

Previous Balance	\$35.39
Payment on 02/14/2015	\$(35.39)
Water Charges	
Tier 1 - 10 x \$2.33 (Basic Usage 0-10 Units)	\$23.30
Tier 2 - 23 x \$3.61 (Average Usage 11-33 Units)	\$83.03
Tier 3 - 17 x \$6.01 (High Usage 34-50 Units)	\$102.17
Tier 4 - 68 x \$8.75 (Excessive Usage 51 +)	\$595.00
FMWD Charge - 118 x \$2.03 (Imported Water Cost)	\$239.54
Fixed Service Charge	\$36.18
Sewer Charge	\$67.50
TOTAL DUE	\$1,146.72

The District is now accepting VISA and MasterCard for payments on your water bill. Visit the District website at www.cvwd.com and choose Manage Account to sign up for this service. You can also call the office, or stop by and make a payment using your VISA or MasterCard.



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

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

ACCOUNT NUMBER	SERVICE ADDRESS
030760-000	3128 Altura Ave
DUE DATE	01/16/15 to 03/15/15
TOTAL CHARGES	AMOUNT ENCLOSED
\$22.02	\$

Tasha Kusama
3128 Altura Ave.
La Crescenta, CA 91214-3603

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
030760-000	3128 Altura Ave		01/16/15 to 03/15/15
METER NUMBER	CURRENT READ	PRIOR READ	USAGE
75183466	370	252	118

SUMMARY OF CHARGES

Previous Balance	\$35.39
Payment	(\$35.39)
Tier 1 - 10 x \$2.33 (Basic Usage)	\$23.30
Tier 2 - 108 x \$3.61 (Average Usage)	\$389.88
Tier 3 - 0 x 6.10 (High Usage)	\$0.00
Tier 4 - 0 x 8.75 (Excessive Usage)	\$0.00
FMWD Charge -118 x \$2.03 (Imported Water Cost)	\$239.54
Fixed Service Charge	\$36.18
Sewer Charge	\$67.50
TOTAL DUE	\$756.40

RECALCULATED BILLING STATEMENT

CVWD
teld

Utility Billing
Service Request Form

6/30/2015 - 8:25 AM

Request Number: 000337-06-2015
Account Number: 016935-000
Account Status: Delete
Name: EUGENE EAGLE & ROZIK PELLETIER
Billing Address: 5171 BOSTON AVE
LA CRESCENTA, CA 91214

Last Updated By: teld
On: 6/30/2015

Home Phone: 8184556685
Business Phone: 8182446571
Service Address: 3128 ALTURA

Request Date: 6/30/2015
Request Description: Check for leak, repairs made
Service Date: 6/30/2015

Water/Gas Meters	Route-Seq Read Dt	Serial No Cons	Register ID No Of Digits	MXU ID	Manufacturer	Model No	Reading
Existing Water Meter	40-0695 5/15/2015	75183466 46	 4		Ipearl	Ipearl.754	416

Location: 8'FROM E CORNER 7' FROM BT

0428682

Comments:

Follow up needed? yes no

Serviced By: C. Asa

Date: 6/30/15 Time:

CVWD
leddp

Utility Billing
Service Request Form

3/30/2015 - 8:30 AM

Request Number: 000334-03-2015
Account Number: 030760-000

Last Updated By: leddp
On: 3/30/2015

Account Status: Active

Name: TASHA KUSAMA
Billing Address: 3128 ALTURA
LA CRESCENTA, CA 91214

Home Phone: 6268401827
Business Phone: 7145219997
Service Address: 3128 ALTURA

Request Date: 3/30/2015 **DOWNLOAD PLEASE**
Request Description: ~~Check for leak~~, customer is disputing bill. Says she will DEFINATELY NOT pay this bill.
Service Date: 3/30/2015

Water/Gas Meters	Route-Seq Read Dt	Serial No Cons	Register ID No Of Digits	MXU ID	Manufacturer	Model No	Reading
Existing Water Meter	40-0695 3/15/2015	75183466 118	4	3128 Altura		Ipearl.754	370

Location: 8'FROM E CORNER 7' FROM BT

4/6/15 -
please take read &
check for leak

0409368
NO
Leak

1 4/6/15 0407125 No Leak

39,000 used
to date
4/15/15

Rosik - 8) 455-6689

Comments:

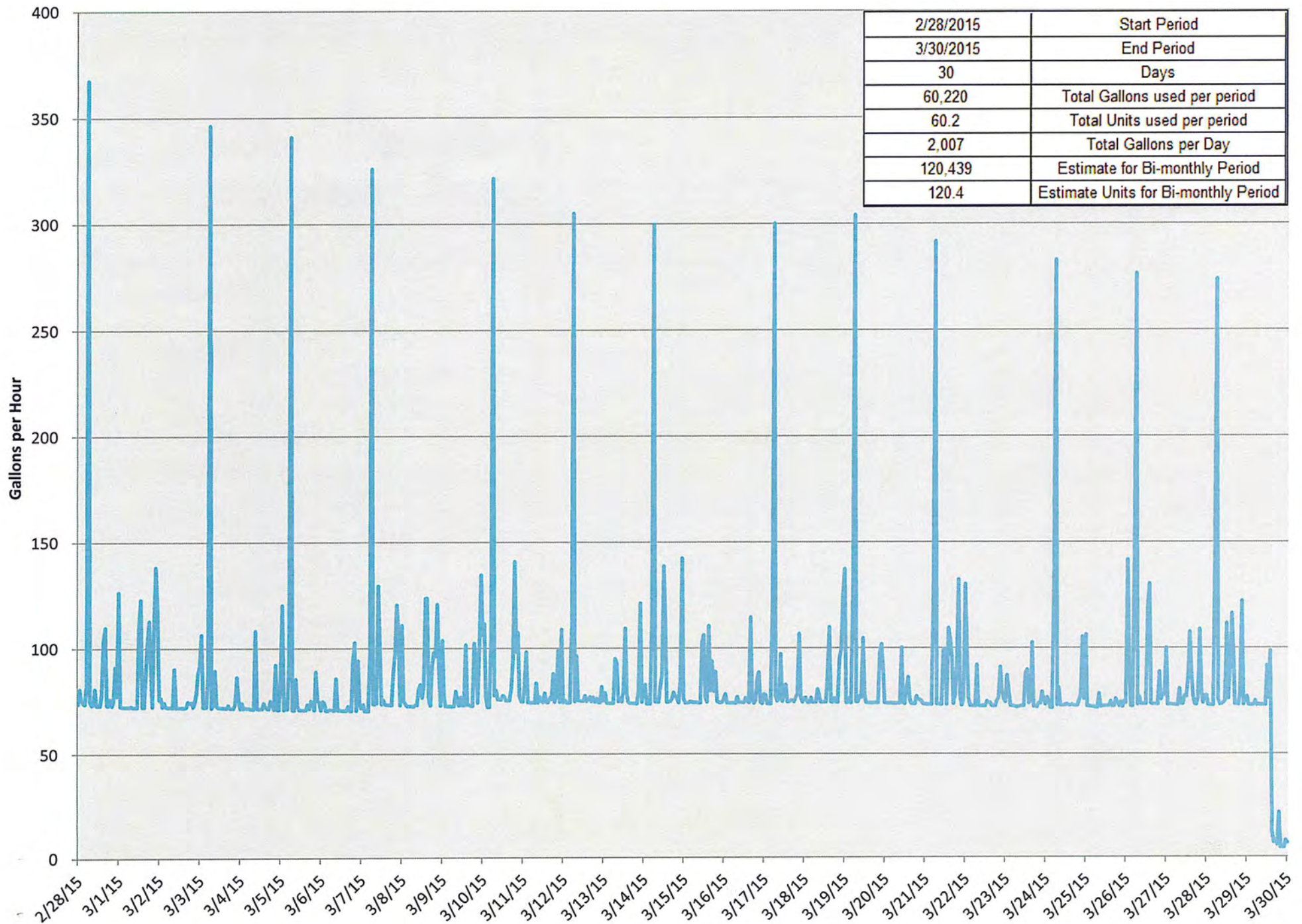
Download Meter 116, Beautiful GREEN Grass &
Roses

Follow up needed? yes no

Serviced By: C/esa

Date: 3/30/15 Time: _____

3128 Altura - Water Use from 2/28/15 to 3/30/15



Residential Water Use Survey

Provided by Crescenta Valley Water District

June 1, 2015

Tasha Kumasa 3128 Altura
91214
La Crescenta, CA
Telephone Number: 626-840-1827
Water Account No.: 030760-000

Survey Conducted On: 6/1/2015
Year Home Built: 1983
No. of Residents: 3
Water Meter Reading: 0420802.77
Meter Leak Detected: Yes ☐ No ☒
Leak Flow (gal/month): 00

Dear Customer:

Crescenta Valley Water District recently conducted a Residential Water Use Survey of your home as part of the District's ongoing efforts to improve water use efficiency. WaterWise Consulting, Inc., an independent consulting firm, conducted this survey and hereby submits this report. This report includes recommendations for improving water use efficiency, which could lead to a potential reduction of your water bill. According to our findings, implementation of the enclosed recommendations can provide the following potential water savings:

Areas Surveyed in Residence	Potential Annual Water Savings	
	Billing Units	Gallons
1. Leak in Residence	00	00
2. Bathroom Water Use	20	20,342
3. Kitchen Water Use	7	6,723
4. Laundry Water use	5	5,200
5. Swimming Pool Water Use	0	0
6. Landscape Irrigation Water Use	8	8,364
Total Potential Annual Water Savings	41	40,629

One billing unit is equal to 1,000 gallons

Implementing the recommended changes and improvements are estimated to save you approximately \$ 178.76 annually. The following pages provide a summary of the areas surveyed in your residence. Thank you for participating in this water use survey.

If you have any questions about this survey or the recommendations provided, please contact Natalie Bellissimo at (818) 248-3925 Ext 4107 or via e-mail at nbellissimo@cvwd.com.

Thank you,

Water Survey Team
WaterWise Consulting, Inc.



Indoor Water Use

Typically, indoor water use accounts for approximately 40% of the total water used in a residence. Of the total water used indoors, more than half is used in the bathroom. This includes water used for toilets, showers, and faucets. There is a potential for significant water savings for indoor water use, especially if your home has fixtures that were manufactured or installed prior to 1994. Newer fixtures are more water efficient, and will help you conserve water with every use.

Bathroom Water Use

Toilets — Toilets typically account for one-third of total indoor water use. Older toilet models flush at a volume of 3.5 gallons per flush (gpf) or greater. High Efficiency Toilets (HETs) flush at a volume of 1.28 gpf or less.

Number of toilets at this residence: 2

Number of **Non Conserving** toilets: 0

Average volume of **Non Conserving** toilets: 0

Toilet leak detected: Yes ☐ No ☒

Number of toilet leaks detected: 0

Water Savings with Water Conserving Toilets: 00



High Efficiency Toilet (HET)

Showerheads — Water use from showers and baths account for about 20% of the water used indoors. Non-efficient showerheads have flow rates as high as 5 gallons per minute (gpm). New low-flow showerhead models offer a low-flow rate of 1.5 gpm or less.

Number of showerheads at this residence: 2

Number of **Non Conserving** showerheads: 2

Average flow of **Non Conserving** showerheads (gpm): 2.5

Current average length of shower (minutes): 10

Suggested length of shower (minutes): 5

Number of showers per week per person: 7

Water Savings with Low-Flow Showerheads: 19,110



Low-Flow Showerhead

Bathroom Faucets—Faucets without aerators typically use greater than 4 gallons of water per minute. Installing low-flow faucet aerators can reduce water use to about 1.0 gallon per minute (gpm) or less.

Number of bathroom faucets at this residence: 2

Number of **Non Conserving** bathroom faucets: 1.5

Average flow of **Non Conserving** faucets (gal/min): 1.5

Water Savings with Low-Flow Faucet Aerators: 1,232



Low-Flow Faucet Aerator

Kitchen Water Use

Kitchen Faucet — Faucets without aerators typically use more than 4 gallons of water per minute. Installing low-flow kitchen faucet aerators can reduce water use to 1.5 gallons per minute (gpm) or less.

Number of kitchen faucets in this residence: 1
 Number of **Non Conserving** kitchen faucets: 1
 Average flow rate of **Non Conserving** faucets (gpm): 2.5

Water Savings with Kitchen Faucet Aerator: **5,475**



Kitchen Faucet Aerator

Dishwasher — Older, non-efficient dishwashers use between 12 and 15 gallons of water for every load. High efficiency, Energy Star models use approximately 7 gallons of water per load and also provide significant energy savings.

Dishwasher make/model: *Frigidaire*

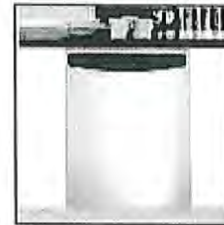
Efficient Dishwasher: Yes ☐ No ☒

Pre-rinse dishes: Yes ☒ No ☐

Existing dishwasher capacity in gallons: 15

Dishwasher loads per week: 3

Water Savings with High Efficiency Dishwasher: **1,248**



High Efficiency Dishwasher

Laundry Water Use

Clothes Washer—Older clothes washer models can use up to 40 gallons of water for every load. High efficiency clothes washers use approximately 15 gallons or less per load. High efficiency models also help save energy, by reducing the volume of hot water used, and reducing drying times.

Clothes Washer make/model: *Kenmore*

Existing clothes washer capacity in gallons: 35

Clothes washer loads per week: 5

Qualifies for washer rebate? Yes ☒ No ☐

Water Savings with High Efficiency Clothes Washer: **5,200**



High Efficiency Clothes Washer

Swimming Pool Water Use

Swimming Pool—Evaporation of water from a swimming pool is significant in the summer months. A pool cover is recommended to reduce the amount of water lost to evaporation. Pool covers may also help save energy by reducing heat loss, and reducing costs required for chemicals used in refill water. Please note, it is usually recommended to drain and refill a pool only once every three years, or less frequently.

Does this residence have a pool: Yes ☐ No ☒

Pool Depth (ft): N/A

Does pool have cover: Yes ☐ No ☒

Pool Surface Area ft²: N/A

How often is pool drained and refilled (years): N/A

Pool Volume (gallons): N/A

Water Savings with Pool Cover & 3 yr. Refill Rate: **N/A**

Landscape Irrigation Water Use

General Landscape Information

Total Landscape Area (ft²): 1,850

Overall Plant Type:

- All Lawn ☐
 Mostly Lawn ☒
 Equal Lawn / Planter ☐
 Mostly Planter ☐
 All Planter ☐

Type of Soil:

- Clay ☐
 Clay Loam ☒
 Loam ☐
 Sandy Loam ☐
 Sandy ☐

Type of Irrigation:

- Automatic System ☒
 Manual System ☐
 Hand Watering ☐
 No Irrigated Landscape ☐
 Weather Based Controller: ☐

Estimated Annual Landscape Water Need: 41,822 Gallons or 41.8 KGAL Billing Units

Estimated water need calculated based on landscape area, general plant type, and local weather conditions.

Irrigation System Inspection

Controller Model: Weathermatic No. Stations: 12

Current Watering Schedule:

Irrigation Stations Checked

Plant Type:	1	2	3	4	5	6	7	8	9	10	11	12
Cool Season Lawn	✓	✓	✓									
Warm Season Lawn												
Medium Water Use				✓	✓							
Low Water Use												
Very Low Water Use												
System Type:	1	2	3	4	5	6	7	8	9	10	11	12
Spray Heads			✓									
Rotor or Impact	✓	✓	✓									
Bubblers												
Drip/Micro-Spray												
Stream Sprays				✓	✓							
System Problems:	1	2	3	4	5	6	7	8	9	10	11	12
Broken Sprinklers												
Overspray		✓										
Interference												
Tilted Sprinklers												
Mixed Equipment			✓									
Pressure Too High												
Pressure Too Low												
Low or Sunken Heads												
Clogged Heads												

Refer to page 6 of the report for a description of each system problem listed.

Watering Schedule

1. Re-program your timer each month using your Watering Schedule as a guide.
2. Please note that Water Conservation Orange Alert is currently in effect. Watering is limited to two (2) days of the week, before 9:00 a.m. and after 5:00 pm. For more information, please review the alert flyer attached to this report.
3. The watering schedule below is for representative stations of your landscape. You may use the numbers provided as a guide for other stations watering similar plant types with the same type of irrigation system.

Watering Schedule for Representative Stations:

Station No: 1		Plant Type: Cool Season Turf						System: Stream Rotor				
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Minutes of Irrigation per Cycle	5	6	5	5	5	6	7	6	6	5	5	5
Cycles per Day	4	4	4	4	4	4	4	4	4	4	4	4
Days per Week	3	4	5	6	7	7	7	7	7	5	4	3

Station No: 3		Plant Type: Cool Season Turf						System: Spray				
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Minutes of Irrigation per Cycle	7	8	7	8	8	9	10	10	8	8	7	8
Cycles per Day	1	1	1	1	1	1	1	1	1	1	1	1
Days per Week	3	3	5	6	7	7	7	7	6	5	4	3

Station No:		Plant Type: Planter Medium						System: Microspray				
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Minutes of Irrigation per Cycle	18	20	30	40	44	51	56	56	42	33	23	19
Cycles per Day	1	1	1	1	1	1	1	1	1	1	1	1
Days per Week	1	1	1	1	1	1	1	1	1	1	1	1

Landscape & Irrigation Recommendations

Landscape Recommendations:

- Convert unused lawn areas to low water use plants ☒
- Reduce the overall size of your landscape ☐
- Separate lawn from shrub and tree irrigation zones ☐
- Sunny and shady areas must be on separate zones ☐
- Install 2-4 inches of mulch on shrub & tree planters ☒

Irrigation System Recommendations:

- Implement suggested watering guidelines ☐
- Fix irrigation system problems listed on page ☐
- Install a Weather Based Irrigation Controller ☐
- Convert spray zones in planters to drip irrigation ☐
- Retrofit spray zones in lawn to rotating nozzles ☒

Potential for Water Savings in Landscape Irrigation is:

☐ None (0%) Minor (1% -10%) = ☐ % Significant (11% -20%) = ☒ % Major (21% - 30%) = ☐ %

Smart Controller Recommended: Yes ☐ No ☒

Estimated Water Savings with Implementation of Recommendations: 8,364 Gallons per Year

Additional Notes:

Consider removing unused lawn areas to low water use planter areas for significant water savings. For ideas of what plants to use in place of turf please go to www.bewaterwise.com and click on garden spot. This page also contains a lot of useful information on other water saving practices.

Glossary of Terms

Broken Sprinkler Heads or Lateral Pipes: a broken sprinkler head or lateral pipe wastes a significant amount of water. Fix or replace all broken sprinklers and lateral pipes.

Overspray: irrigation water that lands on sidewalks and driveways is wasted and creates other problems, such as runoff and deterioration of pavement. All sprinkler types can be adjusted to fit the area being watered.

Spray Interference from Plants and Objects: when the spray or stream of water from the sprinklers is blocked, this may create brown spots in lawn and may deteriorate plant health. Spray interference also creates runoff and erosion problems near the sprinkler head. Make sure there is no plant or object interfering with the sprinkler spray or stream.

Tilted Sprinkler Heads: a tilted sprinkler head will not deliver the water evenly. Some areas will get too much water, while other areas may not get enough. Make sure the sprinkler heads are vertical when watering non-sloping areas.

Mixed Equipment Under the Same Valve: mixing spray head sprinklers and rotor sprinklers is not acceptable. Rotors and sprays have different application rates. A spray head delivers more water over an area compared to the rotor head system.

Pressure Too High: misting is a result of high pressure which leads to water waste due to wind drift. Install a pressure regulator for each valve or install one main pressure regulator for all valves with this problem.

Pressure Too Low: Low pressure is a problem common in rotor type systems. If you have this problem, you may have to change sprinkler nozzles to a smaller size or have fewer sprinklers running at the same time.

Low or Sunken Sprinkler Heads: low or sunken sprinkler heads lower the performance of the system. The problem may be occurring because of a short sprinkler pop-up height. Minimum pop-up height for sprinklers watering lawn is 4 inches, especially when watering higher-growing grasses like tall fescue.

Clogged Sprinkler Nozzles: clogging is common in spray heads. Clogging may occur at the orifice where water comes out or at the filter below the nozzle. Clogged heads create brown spots in lawns. In extreme cases, clogged heads become plugged completely. Clean or replace clogged sprinkler nozzles.

Smart Controller: a self adjusting controller that changes minutes and days of irrigation to correspond with changing weather patterns. It's important to have a well functioning irrigation system in order for a Smart Controller to be effective.

CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS - STAFF REPORT

Action Item No. 2
August 11, 2015

To: Honorable President and Members of the Board of Directors
From: David S. Gould, P.E. – District Engineer
Subject: **Topographic Survey, Property Mapping and Preliminary Design Services for the Lower Pickens Canyon Pipeline Crossing, Award of Contract, Project E-957**

ACTION ITEM:

1. **Lower Pickens Canyon Pipeline Crossing Repair, Project E-957** – Consideration and motion to authorize the General Manager to enter into an agreement with DMc Engineering for topographic survey, property mapping and preliminary design services for the Lower Pickens Canyon Pipeline Crossing at an estimated cost of \$29,900.

BACKGROUND:

On May 30, 2015, there was a water main break on the Lower Pickens Canyon pipeline crossing that was located on the slope near 5481 Ocean View Blvd. This pipeline is one of six pipelines that cross Pickens Canyon at three locations. This pipeline was installed in 1956 and repaired in 1972.

The pipeline was repaired with a stainless steel clamp and water was restored to the area. The pressure in the pipeline is about 150 psi and the natural slope above and below the pipeline was severely eroded by the water. The existing pipeline was also undermined and there is no soil supporting it.

Staff determined that the pipeline would have to be either repaired or replaced to prevent any future leaks. Also, staff concluded that the slope would have to be replaced to provide a structural base for the pipeline and prevent any future erosion of slope.

DISCUSSION:

A site investigation was done on August 4, 2015 with the geologist from AMEC Foster Wheeler, personnel from Montrose Search and Rescue and DMc Engineering to determine the limits of the slope repair. AMEC will be using the field data as part of their evaluation of erosion and slope repair report.

After the site investigation, staff requested a proposal from DMc Engineering to provide an aerial topography of the area to be used as a base map and to provide a boundary map of the properties in the area with owners for future agreements for construction and maintenance of the pipeline. In addition, the proposal included engineering services for alternative preliminary slope repair plans for discussion at the next Engineering Committee meeting. The alternative preliminary slope repair plans will also be used to estimate the costs to repair the slope. As shown on the attached proposal, the estimated cost is \$28,500 and staff added an additional \$1,400 for reimbursables and unforeseen costs for a total of \$29,900.

Additional Information:

Staff also talked with Los Angeles County Flood Control District (LACFCD) about possible permits that may be necessary for the slope repair. LACFCD indicated that the following permits maybe necessary before construction can begin:

1. U.S. Army Corps of Engineers
 - a. General Permit 63 for Repair and Protection Activities
 - b. 404 Water Quality Certification Permit
2. California Department of Fish and Wildlife
 - a. Stream Bed Alteration Permit
3. California Regional Water Quality Control Board
 - a. 401 Water Quality Certification Permit

Staff has requested that AMEC look into these permits and provide a summary for staff to review with the Engineering Committee. Also, obtaining these permits may require site specific biological resources information, so the services of an environmental consultant maybe required.

Updated Project Schedule:

The project schedule has been updated as shown below and it is staff's goal to complete the initial inspection, topographic survey, boundary assessment and report by the next Engineering Committee meeting on September 11, 2015 to determine the next course of action.

Lower Pickens Canyon Crossing Repair –Project Schedule			
Task	Start Date	End Date	Status
Main Break	5/30/15	5/30/15	
Geotechnical Site Visit	6/18/15	6/18/15	Complete
Proposal - Site Investigation	6/30/15	6/30/15	Complete
Meet with Montrose Search & Rescue	7/1/15	7/1/15	Complete
Award Contract - Inspection and Evaluation Report	7/7/15	7/7/15	Complete
Site investigation with AMEC, Montrose Search & Rescue and DMc	8/4/15	8/4/15	Complete
Award Contract - Topo Survey, Property Mapping & Preliminary Design Services	8/11/15	8/11/15	
Complete Topographic Survey	8/5/15	8/24/15	
Permit Research and Summary	8/4/15	8/19/15	
Complete Property Mapping & Alternatives	8/11/15	9/8/15	
Complete Investigation & Report	8/4/15	9/10/15	
Engineering Committee Review	9/11/15	9/11/15	

RECOMMENDATION:

It is Staff's recommendation to award a contract to DMc Engineering to provide an aerial topography of the area, provide a boundary map of the properties and engineering services for alternative preliminary slope repair plans for a cost of \$29,900.

ENVIRONMENTAL REVIEW:

N/A

FUNDING AVAILABILITY:

There are sufficient funds available in the following account for the project:

Account Description	Account Number	Amount
Expense - Administrative Consultants – FY 15/16	01-01-5130-000	\$120,000
Costs to Date		<\$11,000>
Estimated for topographic survey, property mapping and preliminary design services		<29,900>
Expense - Administrative Consultants Amount remaining for FY 15/16		\$79,100

Prepared by:



David S. Gould, P.E.
District Engineer

Submitted by:

Thomas A. Love
General Manager

Attachment:

1. DMc Engineering Proposal dated August 5, 2015



DMc ENGINEERING

CIVIL • SURVEYING • PLANNING • CONSTRUCTION

August 5, 2015

**P5065
REVISED**

Mr. David Gould, P.E.
District Engineer
Crescenta Valley Water District
2700 Foothill Blvd.
La Crescenta, CA 91214

SUBJECT: LOWER PICKENS CANYON PIPELINE CROSSING (E-957)

Dear David:

In accordance with your request and our subsequent site meeting, the firm of DMc Engineering is pleased to provide Crescenta Valley Water District with this revised proposal to provide professional Surveying, Mapping, and Engineering Services for the above referenced subject project.

We appreciate the opportunity to once again work with you and the Crescenta Valley Water District. Upon acceptance, it is our understanding we will receive authorization in the form of a Purchase Order. In the interim, should you have any questions, please do not hesitate to call.

Sincerely,

DMc Engineering

Derek J. McGregor, P.E., P.L.S.
Principal

DJM:ajr

P5065
REVISED
SCOPE OF WORK
LOWER PICKENS CANYON PIPELINE CROSSING (E-957)

Client (Crescenta Valley Water District) and Consultant (DMc Engineering) for mutual consideration herein set forth, agree as follows:

Consultant agrees to perform the following services:

A. SURVEYING & MAPPING SERVICES

1. DMc Engineering will perform research at jurisdictional agencies to obtain horizontal and vertical control, for performing a Field and Aerial Topographic and Boundary Survey of the subject site. This includes research with the applicable agencies to ascertain record utility documentation. This also includes research with the County Surveyor's office to ascertain boundary documentation based on the Client provided preliminary title reports noted below.
2. DMc Engineering will set and locate four (4) aerial targets. The horizontal and vertical control of these targets will be tied into County of Los Angeles datum. The locations of these targets will be depicted on Exhibit A.
3. DMc Engineering will perform a Field Topographic Survey to augment the below Aerial Topographic Map. The limits of this survey are depicted on Exhibit B. The map will be prepared at a scale of 1" = 40'. This includes performing a limited boundary survey to facilitate the work effort below.
4. DMc Engineering will prepare one (1) Aerial Topographic Map of the subject site. The map will be prepared at a scale of 1" = 40' and will include 1' contours. The limits of the Aerial Topographic Survey Map is depicted on Exhibit C.
5. Based on the above limited Field Boundary Survey and the client provided preliminary title reports, DMc Engineering will prepare one (1) Record Boundary Map. The limits of this Boundary Map is depicted on Exhibit D.
6. Based on the above, DMc Engineering will prepare a Base Map for preparation of the plans below. The limits of this map is depicted on Exhibit C. The map will be prepared at a scale of 1" = 40'.

B. ENGINEERING SERVICES

1. DMc Engineering will prepare two (2) alternative Preliminary Repair Plans of the damaged pipe and eroded slope. This will be based on soils information provided by the Client. The preliminary plan will evaluate access, alternate pipe routing and/or repairing, alternate slope repairs, and potential related environmental/regulatory constraints.
2. DMc Engineering will prepare a preliminary Estimate of Probable Design and Construction Cost for the above alternatives.
3. DMc Engineering will attend site and project meetings on a Time & Material as needed basis. This assumes six (6)- four (4) hour meetings.

P5065
REVISED
FEE SCHEDULE
LOWER PICKENS CANYON PIPELINE CROSSING (E-957)

Client agrees to compensate consultant for the services as noted below:

Consultant shall perform the services outlined in the Scope of Work in accordance with the fee schedule below **plus** the cost for reproductions, computer plotting, copying and messenger services. Consultant shall invoice client on a monthly basis. Upon client authorization, additional services not identified herein will be billed on a fee or time and material basis in accordance with the enclosed Hourly Rate Schedule.

A. <u>SURVEYING & MAPPING SERVICES</u>	<u>PM</u> (160)	<u>PE</u> (140)	<u>SE</u> (130)	<u>PS</u> (140)	<u>2-MAN</u> (180)	<u>FEE</u>
1. Research		8		4		\$ 1,680.00
2. Aerial Targets					8	\$ 1,440.00
3. Field Topographic Survey					20	\$ 3,600.00
4. Aerial Topographic Map						\$ 2,100.00
5. Record Boundary Map				24		\$ 3,360.00
6. Base Map			16			\$ 2,080.00
B. <u>ENGINEERING SERVICES</u>						
1. Alternative Preliminary Repair Plans	8	40				\$ 6,880.00
2. Preliminary Estimate of Probable Costs	8	16				\$ 3,520.00
3. Meeting Attendance	24					\$ 3,840.00 ¹

PROFESSIONAL FEE: \$28,500.00

ESTIMATED REIMBURSABLES: \$ 1,400.00

TOTAL PROFESSIONAL FEE: \$29,900.00

¹ This assumes six (6) – four (4) hour meetings.

CONDITIONS AND/OR EXCLUSIONS
LOWER PICKENS CANYON PIPELINE CROSSING (E-957)

This proposal is based on the following conditions and/or receipt of the following items:

1. Receipt of the Purchase Order.
2. Preliminary Title Reports for the subject properties.

Additional services that are excluded* from this proposal but could be completed for an additional fee, are:

1. Tasks not identified herein.
2. Compilation of record easements.
3. Processing of Plans.
4. Preparation of Construction Drawings.

** Exclusions are not limited to the above items.*



OFFICE PERSONNEL

FIELD PERSONNEL

NOTE: Reproductions, computer plotting, copying, messenger services and other direct expenses will be charged at cost plus 10%. No additional charges for mileage, supplies or telephone expenses will be included.

CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS - STAFF REPORT

Action Item No.3

August 11, 2015

To: Honorable President and Members of the Board of Directors

From: David S. Gould, P.E. – District Engineer

Subject: **Award of Contract for the Installation of a Variable Frequency Drive for Mills Booster B, Project M-955**

ACTION ITEM:

Installation of Variable Frequency Drive for Mills Booster B, Project M-955 – Consideration and motion to award a contract to California Building Evaluation & Construction for the installation of a variable frequency drive for Mills Booster B at a cost of \$35,915, establish a contingency amount of \$3,600 (10% of contract) to cover the cost of unforeseen or additional work and to find said project exempt from the provisions of the California Environmental Quality Act (CEQA).

BACKGROUND:

In order to provide for continuous usage of Wells 1, 7, and 9, it has become necessary to install a variable frequency drive (VFD) for Mills Booster B at the Mills Facility. A variable frequency drive is used to control the operating speed of a motor which grants the ability to pump water at lower flow rate. This will allow for the continuous operation of the Mills Facility without cycling the wells on and off. District operators will be able to increase or decrease the pumping rate from the Mills facility to maintain the forebay level without necessitating shutting off any of the groundwater wells.

DISCUSSION:

On June 17, 2015, staff sent out a Request for Quotes to seven (7) electrical contractors for the installation of the new VFD for Mills Booster B. A pre-bid meeting was held on July 8, 2015. There was only one contractor in attendance at this meeting. A second Pre-Bid meeting was set for July 29, 2015. There were a total of three (3) attending contractors. The bid opening for the project was held on August 5, 2015 and the results are as follows:

	<u>Bidder</u>	<u>Total Bid Amount</u>
Low	N.E.C. Electric, Inc.	\$35,253.00
2 nd	California Building Evaluation & Construction	\$35,915.00
3 rd	Miron Electric Construction	\$36,900.00

N.E.C. Electric of Gardena was the apparent low bidder for the project. However, at the time of bidding, N.E.C. was not registered with the California State Department of Industrial Relations (DIR) to perform public works projects in accordance to SB 854 and prevailing wage compliance. Therefore, this makes N.E.C ineligible to perform work under this contract.

California Building Evaluation & Construction (CBEC) of Buena Park, CA was the second low bidder for the project, and CBEC meets the requirements of SB 854 and prevailing wage compliance.

The engineer's estimate was \$19,000 and the low bid was \$35,915 which is 89% higher than the engineer's estimate. This large difference was mainly due to the addition of a new electrical cabinet to house the new VFD equipment. The original estimate was based on replacing the soft start in the existing motor control center. However, the space was not sufficient to provide adequate heating to the VFD.

CBEC is currently working on the installation of the Motor Control Center (MCC) at Oak Creek Reservoir and was awarded the contract for the Well 16 Building and Related Facilities. Staff has been satisfied with the progress and change orders have been minimal.

CBEC provided a list of references for other projects completed within the last 3 years. The projects included electrical system upgrades from the City of Redlands, John Wayne Airport, City of Buena Park and Rio Hondo College. In general, comments were that CBEC and its sub-contractors did a good job, pleased with their work, changes orders were minimal and had a good understanding of the project.

RECOMMENDATION:

It is staff's recommendation to award the contract to California Building Evaluation & Construction for the total bid price of \$35,915. Originally, the project was based on an engineer's estimate of \$19,000 and the funding for this project was planned to come from the Booster Pump – Maintenance account. With the unexpected cost of the procurement and installation of the new enclosure for the VFD, additional funding would need to be redirected from the Well Maintenance account to fully fund this project.

ENVIRONMENTAL REVIEW:

This project is found to be exempt from the California Environmental Quality Act (CEQA) pursuant to Section 15301 of the CEQA Guidelines.

FUNDING AVAILABILITY:

There are sufficient funds available in the following accounts for the project:

Account Description	Account Number	Amount
Booster Pumps – Maintenance	01-02-5433-000	\$60,000.00
Well Pump – Maintenance	01-02-5432-000	\$32,000.00
Variable Frequency Drive Installation for Mills Booster B, Project M-955		<\$35,915.00>
Contingency for Additional Work		<\$3,600.00>
Amount Remaining in Booster Pump and Well Maintenance	Total	\$52,485.00

Prepared by:

Brook Yared, P.E.
Associate Engineer

Submitted by:

David S. Gould, P.E.
District Engineer

Attachments: Bid Summary

CRESCENTA VALLEY WATER DISTRICT											
Title: <u>Variable Frequency Drive Installation For Mills Booster B</u>						BID LOCATION: <u>CVWD's Main Office</u>					
E-Job No: <u>M-955</u>						TIME: <u>2:00 PM</u>					
Engineer's Estimate: <u>\$19,000</u>						DATE: <u>8/5/15</u>					
Project Manager: <u>Brook Yared</u>						BY: <u>BY</u> CHECKED: <u>DSG</u> DATE: <u>8/6/15</u>					
				Engineer's Estimate		NEC Electric		Cal Builders		Miron Electric	
ITEM	DESCRIPTION	QUANTITY		UNIT	AMOUNT	UNIT	AMOUNT	UNIT	AMOUNT	UNIT	AMOUNT
1	Variable Frequency Drive Equipment and Materials	1	Ea.	\$ 14,000.00	\$ 14,000.00	\$ 28,288.00	\$ 28,288.00	\$ 27,915.00	\$ 27,915.00	\$ 26,600.00	\$ 26,600.00
2	Diagnostics and Fault Recording	1	Ea.	\$ 500.00	\$ 500.00	\$ -	\$ -	\$ 2,000.00	\$ 2,000.00	\$ -	\$ -
3	Equipment Installation	1	L.S.	\$ 3,500.00	\$ 3,500.00	\$ 4,240.00	\$ 4,240.00	\$ 4,000.00	\$ 4,000.00	\$ 7,700.00	\$ 7,700.00
4	VFD Operation and Maintenance Training	1	LF	\$ 1,000.00	\$ 1,000.00	\$ 2,725.50	\$ 2,725.50	\$ 2,000.00	\$ 2,000.00	\$ 2,600.00	\$ 2,600.00
				EE	\$19,000.00	LOW	\$35,253.50	2ND	\$35,915.00	3RD	\$ 36,900.00

BID LOCATION: CVWD's Main Office
 TIME: 2:00 PM
 DATE: 8/5/15
 BY: BY CHECKED: DSG DATE: 8/6/15

				Engineer's Estimate		NEC Electric		Cal Builders		Miron Electric	
ITEM	DESCRIPTION	QUANTITY		UNIT	AMOUNT	UNIT	AMOUNT	UNIT	AMOUNT	UNIT	AMOUNT
1	Variable Frequency Drive Equipment and Materials	1	Ea.	\$ 14,000.00	\$ 14,000.00	\$ 28,288.00	\$ 28,288.00	\$ 27,915.00	\$ 27,915.00	\$ 26,600.00	\$ 26,600.00
2	Diagnostics and Fault Recording	1	Ea.	\$ 500.00	\$ 500.00	\$ -	\$ -	\$ 2,000.00	\$ 2,000.00	\$ -	\$ -
3	Equipment Installation	1	L.S.	\$ 3,500.00	\$ 3,500.00	\$ 4,240.00	\$ 4,240.00	\$ 4,000.00	\$ 4,000.00	\$ 7,700.00	\$ 7,700.00
4	VFD Operation and Maintenance Training	1	LF	\$ 1,000.00	\$ 1,000.00	\$ 2,725.50	\$ 2,725.50	\$ 2,000.00	\$ 2,000.00	\$ 2,600.00	\$ 2,600.00
				EE	\$19,000.00	LOW	\$35,253.50	2ND	\$35,915.00	3RD	\$ 36,900.00

**CRESCENTA VALLEY WATER DISTRICT
INVESTMENT PORTFOLIO SUMMARY
August 7, 2015**

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		\$ 219,843	\$ 219,843	1.24%	\$ 219,843	none	n/a	\$ 456	0.02%
GREAT PACIFIC SECURITIES	GPC-804452		\$ 1,774,372	\$ 1,774,372	10.03%	\$ 1,774,372	none	n/a	\$ 17	0.02%
BOND DEBT SERVICE FUND	6948-331525		\$ 202,461	\$ 202,461	1.14%	\$ 202,461	none	n/a	\$ 206	0.06%
LOCAL AGENCY INVESTMENT FUND	90-19-007		\$ 1,248,885	\$ 1,248,885	7.06%	\$ 1,248,885	none	n/a	\$ 6,361	0.28% Mar 2015
TRANSFER FROM MTBE RESERVE			\$ 2,000,000	\$ 2,000,000	11.31%	\$ 2,000,000				
FEDERAL FARM CREDIT (78)	3133EAZN1	7/17/2012	\$ 500,000	\$ 500,000	2.83%	\$ 496,530	7/24/2020	10/24/2012	\$ 9,200	1.84%
FEDERAL FARM CREDIT (81)	3133EAYP7	9/11/2012	\$ 1,000,000	\$ 1,005,220	5.68%	\$ 965,490	7/19/2022	n/a	\$ 19,500	1.95%
FEDERAL FARM CREDIT (83)	3133EAY28	10/9/2012	\$ 500,000	\$ 502,885	2.84%	\$ 504,560	9/21/2017	n/a	\$ 4,150	0.71%
FEDERAL FARM CREDIT (86)	3133EC4L5	11/15/2012	\$ 1,000,000	\$ 1,002,300	5.67%	\$ 973,690	11/23/2021	n/a	\$ 16,100	1.58%
FEDERAL FARM CREDIT (87)	3133EC4Y7	11/19/2012	\$ 500,000	\$ 500,000	2.83%	\$ 500,045	11/27/2017	n/a	\$ 4,650	0.93%
FEDERAL FARM CREDIT (96)	3133EENM8	2/2/2015	\$ 1,000,000	\$ 1,001,790	5.66%	\$ 947,072	2/6/2025	n/a	\$ 8,758	2.14%
FEDERAL FARM CREDIT (97)	3133EENM8	2/9/2015	\$ 1,270,000	\$ 1,245,289	7.04%	\$ 1,205,364	2/6/2025	n/a	\$ 10,597	2.38%
			\$ 11,215,561	\$ 11,203,045		\$ 11,038,312			\$ 79,995	
Yield on investments including LAIF but not cash accounts										1.48%
Yield on investments not including LAIF or cash accounts										1.65%
CONSTRUCTION FUNDS										
COPS RESERVE FUND	108614000		\$ 617,077	\$ 617,077	3.49%	\$ 617,367	none	n/a	\$ 135	0.02%
			\$ 617,077	\$ 617,077		\$ 617,367			\$ 135	
MTBE CONTINGENCY FUNDS										
LOCAL AGENCY INVESTMENT FUND	90-19-007		\$ 826,489	\$ 826,489	4.67%	\$ 826,489	none	n/a	\$ 450	0.28% Mar 2015
GREAT PACIFIC SECURITIES	GPC-003670		\$ 159,159	\$ 159,159	0.90%	\$ 159,159	none	n/a	\$ -	0.02%
TRANSFER TO WATER RESERVE			\$ (2,000,000)	\$ (2,000,000)	-11.31%	\$ (2,000,000)				
FEDERAL FARM CREDIT (M-35)	3133EDWX6	2/3/2015	\$ 800,000	\$ 849,960	4.81%	\$ 810,856	10/7/2024	n/a	\$ 10,538	2.19%
US TREASURY (M-36)	912828J27	2/6/2015	\$ 1,000,000	\$ 1,011,800	5.72%	\$ 971,560	2/15/2025	n/a	\$ 7,830	2.00%
FEDERAL FARM CREDIT (M-38A)	3133EEXP1	4/22/2015	\$ 1,000,000	\$ 996,470	5.63%	\$ 971,110	4/1/2025	n/a	\$ 4,480	2.41%
FEDERAL FARM CREDIT (M-38B)	3133EEXP1	4/23/2015	\$ 1,000,000	\$ 999,110	5.65%	\$ 971,110	4/1/2025	n/a	\$ 4,415	2.38%
US TREASURY (M-39A)	912828K58	4/27/2015	\$ 1,000,000	\$ 1,003,136	5.67%	\$ 989,060	4/30/2020	n/a	\$ 2,411	1.38%
US TREASURY (M-39B)	912828K58	4/28/2015	\$ 1,000,000	\$ 1,001,205	5.66%	\$ 989,060	4/30/2020	n/a	\$ 2,373	1.38%
US TREASURY (M-40)	912828J27	4/27/2015	\$ 1,000,000	\$ 1,008,892	5.70%	\$ 971,560	2/15/2025	n/a	\$ 3,507	1.90%
			\$ 5,785,648	\$ 5,856,221		\$ 5,659,964			\$ 36,005	
TOTAL INVESTMENTS			\$ 17,618,286	\$ 17,676,343		\$ 17,315,643			\$ 116,136	
CASH- PAYROLL ACCOUNT	0948-024724		\$ 10,791	\$ 10,791	0.06%	\$ 10,791				
TOTAL CASH AND INVESTMENTS			\$ 17,629,077	\$ 17,687,133	100%	\$ 17,326,434			\$ 116,136	1.23%
						\$ (348,845)	***Unrealized Gain/(Loss) on Investments			

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. 722 adopted on December 9, 2014.

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.

**Portfolio positions per Great Pacific Security Corp., Bloomberg CMO Analytical Report and Actual.

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

Balance as of June 30, 2015

Water	\$11,856,103.03
Wastewater	\$ 5,810,736.25
Total Funds	\$17,666,839.28

Ron L. Mitchell, Secretary-Treasurer, CVWD

August 7, 2015
Date

CRESCENTA VALLEY WATER DISTRICT
FISCAL YEAR 2014-15
BUDGET VERSUS ACTUAL
FOR THE FISCAL YEAR ENDED JUNE 30, 2015

Description	First Quarter Ending 9/30/14 Actual	First Quarter Ending 9/30/14 25% of Budget	Second Quarter Ending 12/31/14	Second Quarter Ending 12/31/14 50% of Budget	Third Quarter Ending 3/31/15	Third Quarter Ending 3/31/15 75% of Budget	Fourth Quarter Ending 6/30/15	Fourth Quarter Ending 6/30/15 100% of Budget
<u>Water Operations</u>								
Operating Revenues	2,764,027	2,411,875	4,613,773	4,823,750	6,595,420	7,235,625	8,765,341	9,647,500
Non-Operating Revenue	90,556	59,125	326,966	118,250	530,175	177,375	314,515	236,500
Revenues	2,854,583	2,471,000	4,940,739	4,942,000	7,125,595	7,413,000	9,079,856	9,884,000
Compensation and Benefits	688,281	740,250	1,356,487	1,480,500	2,090,371	2,220,750	2,786,151	2,961,000
Gen'l and Admin Expenses	203,623	199,688	472,707	399,375	568,890	599,063	665,668	798,750
Non-Operating Expense	96,791	95,310	190,382	190,619	288,259	285,929	380,552	381,238
Water Plant Operation Expense	96,265	127,000	222,202	254,000	373,280	381,000	465,246	508,000
Water System Expense	772,807	852,500	1,691,078	1,705,000	2,423,590	2,557,500	3,438,421	3,410,000
Distribution System Expense	244,925	287,450	582,926	574,900	888,060	862,350	1,014,592	1,149,800
Expenses	2,102,692	2,302,197	4,515,782	4,604,394	6,632,450	6,906,591	8,750,630	9,208,788
Revenue minus Expenses	751,891	168,803	424,957	337,606	493,145	506,409	329,226	675,212
W Capital Outlay & Equipment	-	50,000	98,267	100,000	140,870	150,000	140,870	200,000
W Capital Improvements	143,316	500,000	504,401	1,000,000	1,557,660	1,500,000	1,980,606	2,000,000
Principal Payment on Debt	56,250	56,250	112,500	112,500	168,750	168,750	235,000	225,000
OPEB Fund	25,000	25,000	50,000	50,000	75,000	75,000	100,000	100,000
Addition/(Reduction) to Working Cash	527,325	(462,447)	(340,211)	(924,894)	(1,449,135)	(1,387,341)	(2,127,250)	(1,849,788)
<u>Wastewater Operations</u>								
Operating Revenues	862,146	847,250	1,564,076	1,694,500	2,541,955	2,541,750	3,407,607	3,389,000
Non-Operating Revenue	3,722	2,000	5,669	4,000	7,603	6,000	6,593	8,000
Revenues	865,868	849,250	1,569,745	1,698,500	2,549,558	2,547,750	3,414,200	3,397,000
Compensation and Benefits	346,609	389,250	686,490	778,500	1,056,418	1,167,750	1,428,652	1,557,000
Gen'l and Admin Expenses	46,494	59,325	97,197	118,650	144,013	177,975	224,982	237,300
Non-Operating Expense	-	250	-	500	375	750	580	1,000
Wastewater Operation Expense	15,692	20,250	33,536	40,500	55,909	60,750	72,878	81,000
Collection System Expense	17,566	19,075	33,016	38,150	54,805	57,225	75,905	76,300
Wastewater System Expense	267,906	440,075	401,822	880,150	541,930	1,320,225	675,013	1,760,300
Expenses	694,267	928,225	1,252,061	1,856,450	1,853,450	2,784,675	2,478,010	3,712,900
Revenue minus Expenses	171,601	(78,975)	317,684	(157,950)	696,108	(236,925)	936,190	(315,900)
WW Capital Outlay & Equipment	-	20,875	-	41,750	-	62,625	-	83,500
WW Capital Improvements	-	31,250	8,607	62,500	94,498	93,750	108,543	125,000
Addition/(Reduction) to Working Cash	171,601	(131,100)	309,077	(262,200)	601,610	(393,300)	827,647	(524,400)

RatingsDirect®

Summary:

Crescenta Valley Water District, California; Water/Sewer

Primary Credit Analyst:

Gregory Dziubinski, Chicago (312) 233-7085; gregory.dziubinski@standardandpoors.com

Secondary Contact:

Tim Tung, San Francisco (415) 371-5041; tim.tung@standardandpoors.com

Table Of Contents

Rationale

Outlook

Related Criteria And Research

Summary:

Crescenta Valley Water District, California; Water/Sewer

Credit Profile

Crescenta Vy Wtr Dist certs of part (Wtr Sys Improv Projs)

Unenhanced Rating

A(SPUR)/Stable

Affirmed

Many issues are enhanced by bond insurance.

Rationale

Standard & Poor's Ratings Services affirmed its 'A' rating on Crescenta Valley Water District, Calif.'s (water system improvement projects) series 2007 revenue certificates of participation (COPs). The outlook is stable.

The rating reflects our view of the district's:

- Reliance on highly priced imported water, at \$1,463 per acre-foot, for about 40% of its water supply; and
- A capital improvement plan of about \$11.315 million, which management plans to fund on a pay-as-you-go basis;

Partially offsetting the above-mentioned credit weaknesses is our view of the district's:

- Bedroom community service area (located in Los Angeles County) characterized by very strong income levels;
- Stable and diverse customer base, of which residential users comprise 94% of accounts and 88% of water demand; and
- Strong liquidity position, with cash at fiscal year-end 2014 equal to 719 days' operations.

A net revenue pledge of the district's water system secures the COPs. The pledge excludes one-time connection fees and does not include net revenues from the district's wastewater system. Legal provisions are adequate and include a 1.2x rate covenant and an upcoming 1.2x annual debt service additional bonds test.

The district's financial performance has improved during the past two years, reflected by strengthening debt service coverage (DSC). Based on audited financials for fiscals 2013 and 2014, we calculate total DSC as ranging from, what we consider, good-to-strong, at 1.22x in fiscal 2013, to 1.54x in fiscal 2014. The district's reserve policy calls for a rate stabilization reserve funded at 25% of total water commodity sales, a \$750,000 emergency reserve, and working capital equal to two months' operations and maintenance expenses (excluding purchased water costs).

The district's most recent implemented rate increase of 5.7% took effect on July 1, 2015, bringing the current charge to \$56.20 per month for 8,000 gallons used. Management plans to increase rates annually during the next four years, allowing the district to meet its capital needs on a pay-as-you-go basis.

The district's average daily demand is about 3.63 million gallons per day (mgd). However, the district's 12 wells can only supply 2.29 mgd when all wells are operating simultaneously. This necessitates a reliance on imported water,

since peak demand can reach 5.09 mgd. Therefore, any decrease in domestic water sources will negatively affect the district's finances, owing to the higher cost of supplemental imported water. This situation was exacerbated by the discovery of methyl tert-butyl ether (MTBE) contamination in one of the district's most productive wells in 2006, forcing the district to take the well offline until its water quality improved in March 2011. MTBE levels are monitored weekly throughout the district. We understand no further contamination has been reported to date.

The district currently has adequate water supply to meet demand and, given the service area's built-out nature, this is likely to continue. The district serves its 32,000 residents through roughly 8,008 accounts, of which 94% are residential. The district indicates that, on a long-term basis, approximately 60% of its annual water demand will be met by local groundwater pumped from the Verdugo Basin, with the remaining 40% purchased and imported from the Foothill Municipal Water District (FMWD; the ultimate provider is the Southern California Metropolitan Water District). Groundwater, at about \$450 per acre-foot, is over \$1,000 per acre-foot less expensive than FMWD water imports, which cost the district \$1,463 per acre-foot (as mentioned above).

The district is located in the Crescenta Valley area of Los Angeles County in the foothills of the San Gabriel Mountains. The district includes the unincorporated communities of La Crescenta, Montrose, and Verdugo City, and portions of the cities of Glendale and La Canada Flintridge. The stable bedroom community has access to the deep and diverse Los Angeles metropolitan statistical area economy and is characterized by high income levels. The income levels are very strong, in our view, with median household effective buying income for La Crescenta and Montrose at 149% of the national average in 2014. This gives the district room for additional rate increases, if needed.

Outlook

The stable outlook reflects our expectation that the district's strong economic fundamentals will preserve its revenue-raising flexibility. As a result, we believe the district can likely sustain its strong financial risk profile. Should this occur even as the district addresses potential capital commitments involving the water supply -- which we currently view as manageable -- we could raise the rating to 'A+'. Conversely, though not expected within the two-year outlook horizon, downward rating pressure would be predicated on a capital improvement plan that vastly exceeds its anticipated scope, leading to significantly weakened DSC and liquidity.

Related Criteria And Research

Related Criteria

- USPF Criteria: Key Water And Sewer Utility Credit Ratio Ranges, Sept. 15, 2008
- USPF Criteria: Standard & Poor's Revises Criteria For Rating Water, Sewer, And Drainage Utility Revenue Bonds, Sept. 15, 2008
- Criteria: Use of CreditWatch And Outlooks, Sept. 14, 2009
- USPF Criteria: Methodology: Definitions And Related Analytic Practices For Covenant And Payment Provisions In U.S. Public Finance Revenue Obligations, Nov. 29, 2011
- USPF Criteria: Assigning Issue Credit Ratings Of Operating Entities, May 20, 2015

Related Research

- U.S. Municipal Water And Sewer Utilities 2014 Sector Outlook: Learning To Do More With Less, Jan. 9, 2014
- 2014 Review Of U.S. Municipal Water And Sewer Ratings: How They Correlate With Key Economic And Financial Ratios, May 12, 2014
- U.S. State And Local Government Credit Conditions Forecast, April 2, 2015

Complete ratings information is available to subscribers of RatingsDirect at www.globalcreditportal.com. All ratings affected by this rating action can be found on Standard & Poor's public Web site at www.standardandpoors.com. Use the Ratings search box located in the left column.

CRESCENTA VALLEY WATER DISTRICT

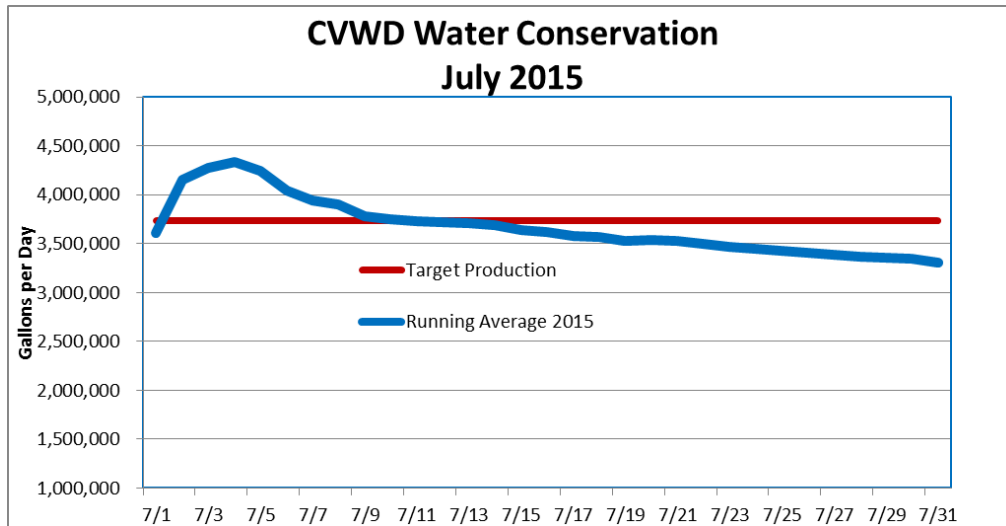
BOARD OF DIRECTORS - STAFF REPORT

August 11, 2015

Staff Report

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

The Crescenta Valley community continues to exceed the State mandated water conservation goal of 24%. July water production was 3.31 million gallons per day (MGD) compared with 4.91 MGD in 2013 representing a 33% reduction in water use conservation.



This month there is one staff anniversary; Darlene Telles has been with the District 2 years.

As of August 7th, the district has worked 423 days without a lost time accident. At the present time two employees remain on medical leave. One employee is expected to return to work, with restrictions, in the near future. The return date of the other employee is undetermined.

July General Manager Meetings:

- July 8th Chamber of Commerce mixer
- July 16th La Crescenta Town Council presentation
- Meetings with FMWD Member Agency Managers
- ULARA Watermaster
- La Canada Water Committee

July General Manager Activities:

- Water Conservation/Revenue Monitoring and Reporting
- Recycled Water Conceptual Evaluation
- Organizational/Staffing Planning
- Water and Sewer Rate Study RFP

CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS - STAFF REPORT

August 11, 2015
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**

- July 1 – 31 – Water Production – 49%/ 51% split – 102.7 MG for the time period.
Average use – 26.3% less than 2014 and 31.2% less than 5-yr average
SWRCB Conservation – 30.1% less than June 2013 – Feb 2014 period

2. **Rainfall Update**

- 0.00" for August 2015
- Rainfall total for Rainfall Year 2014/15 – 12.28"

3. **Report on Engineering**

- **CIP Projects**

- o Ocean View Chlorination Project
 - Building
 - Shop drawing review
 - Mobilization – Late October 2015
 - Treatment Equipment – Bid due August 26, 2015
 - Electrical Work – Finalizing design
 - Site Work for CVWD crews – Scheduled for early October 2015
- o Oak Creek MCC
 - MCC complete and in service
 - Contractor working on site improvements
 - Completed by August 17, 2015
- o Pipeline Projects – Under Design
 - 2600 Block of Harmony Place
 - 2700 Block of Brookhill Ave
 - 3900 Block of Park Place
 - 2800 Block of Prospect & 4400 Block of Glenwood
- o Well 16 – Pipeline & Building
 - Building & Facilities
 - Pre-Construction Meeting – August 12, 2015
 - Mobilization – September 8, 2015
 - Pipeline
 - 8-inch water main at La Crescenta Ave & Sycamore Ave
 - Installation of valve vault
 - Completion date – August 21, 2015
 - Administration – Quarterly Report and Invoice due by August 19, 2015
- o Pickens Canyon Slope Repair
 - Site Investigation Report to be discussed at September 11, 2015 Engineering Committee meeting

- **Water and Wastewater Cost of Service Study**
 - o Request for Proposal sent out on July 24, 2015
 - o Proposals due August 26, 2015
 - o Consultant Interviews – September 2 – 9, 2015
 - o Award of Contract – September 15, 2015
- **Crescenta Valley County Park Stormwater Recharge Facility Study**
 - Flow Monitoring Stations; Monitoring Wells and Infiltration Tests – Complete
 - Preliminary Report – 40% complete
 - Task Force Meeting – Tentative set for October 2015
- **Nitrate Removal Treatment Facility at Well 2 Project**
 - Grant Application submitted by LACFCD on August 7, 2015
 - GLA Region - \$36M total submitted
 - DWR to review applications – September 2015
 - Preliminary approval – November 2015
 - Construction to start – April 2016
 - Working with APT Water on agreement for nitrate removal treatment facility
 - Agreement to be reviewed at September 11, 2015 Engineering Committee
 - Working on CEQA documentation Negative Declaration, sending out “Notice of Intent” by August 13, 2015
 - Review period – August 14 – September 14, 2015
 - Public Hearing – September 15, 2015
- **ULARA**
 - o Administrative Committee Meeting – October 21, 2015
- **La Canada Flintridge – Water Committee**
 - o Joint Projects/Capital Improvements Work Group – Met on July 29, 2015
 - Discussed Projects Parking lot at Descanso Gardens as possible project
 - Updating 2004 Recycled Water Study
- o **Water Meter Replacement Program**
 - o FY 15/16 to start in August 2015

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

- **Wells - Status**
 - o Well production capacity was averaging 2.1 MGD for July.

5. **Field Maintenance & Operations – July 15 – 31, 2015**

- o **Water lateral leaks & repairs**
 - o 2237 Prospect Ave
 - o 2959 Fairmount Ave
 - o 3115 Los Olivos
 - o 3040 Community
 - o 2428 Carol Park Place
 - o 3255 Montrose
- o **Water Main Leaks**
 - o No Report
- o **Sewer Maintenance**
 - o 2300 – 2500 blocks of Los Amigos, Countryside, Los Olivos,
 - o 4700 – 5400 blocks of Rosemont

CRESCENTA VALLEY WATER DISTRICT

WATER PRODUCTION REPORT

July 1 - July 31, 2015

Well Production:	48,616,900	Gals		
Gravity Production:	1,557,840	Gals	% GW	49%
Purchased Water:				
FMWD:	52,487,250	Gals		
City of Glendale:	0	Gals	% Import	51%
TOTAL:	102,661,990	Gals		
	315.06	ac-ft		
Glenwood Nitrate Water				
Reclamation Plant:*	3,866,000		*Included in Well Production	

WATER DEMAND COMPARISON

	Average Daily Usage (gals)	Current Period Change	Average Daily Usage (gals)	Phase 1 Change
July 1, 2015 - July 31, 2015	3,342,318			
July 1, 2014 - July 31, 2015	4,537,021	-26.3%		
5-yr Average - July 2010 - 2014	4,856,587	-31.2%		
SWRCB CONSERVATION REGULATIONS				
June 1, 2015 through Feb 29, 2016			3,394,105	
BASELINE CONSERVATION				
June 1, 2013 through Feb 28, 2014			4,855,930	-30.1%

RAINFALL: July 1 - July 31, 2015

1.58"

Season-To-Date:

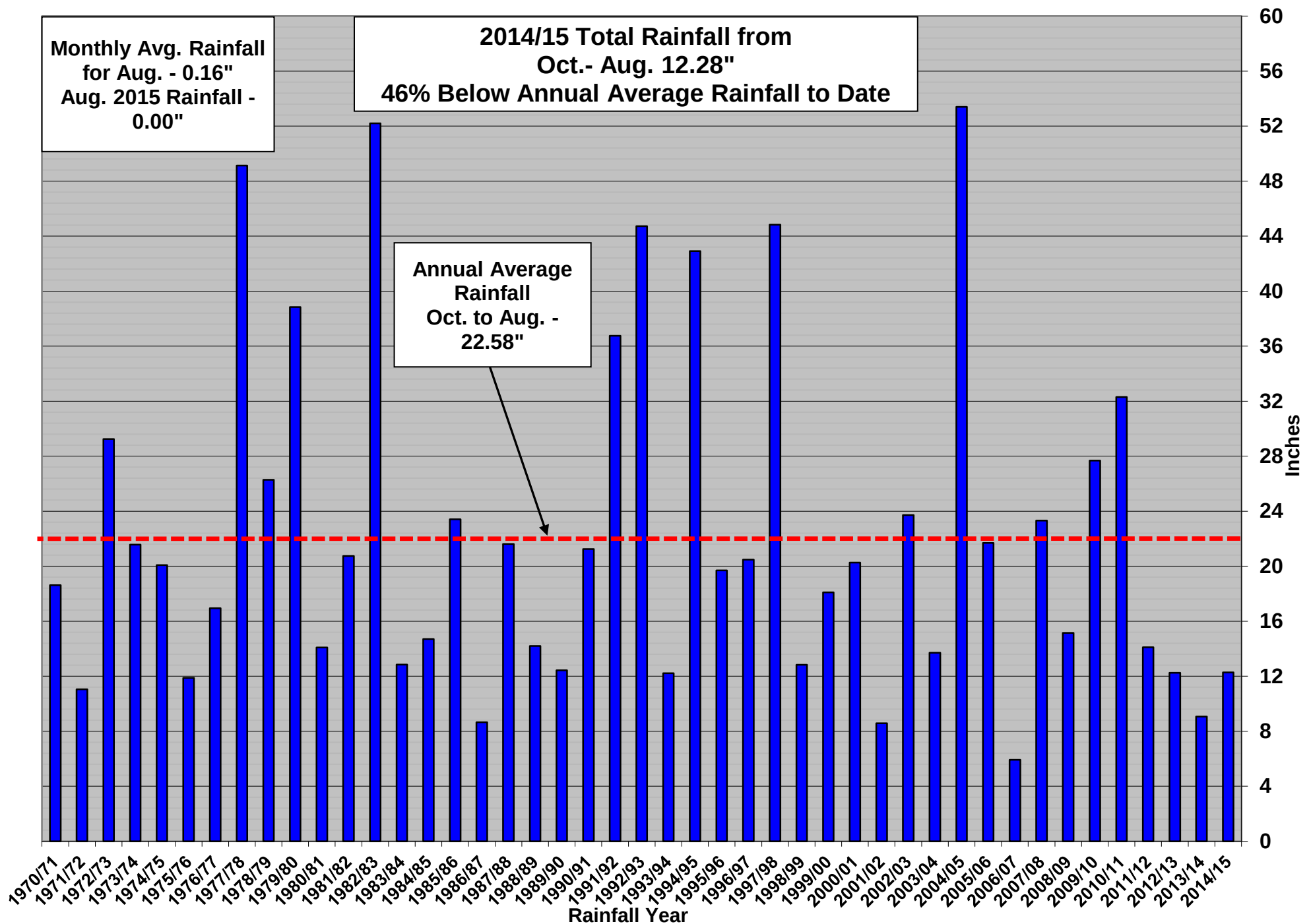
12.28"

2015/16 Fiscal Year Water Production			Groundwater Production Water Rights		Purchased Water Production Tier 2 Allocation		Purchased Water Water Supply Allocation Plan	
Month	Actual Total Water Production (ac-ft)	Projected Total Water Production (ac-ft)	Month	Well Production (ac-ft)	Month	Imported Water Production (ac-ft)	Month (July 15 - June 16)	Imported Water Production (ac-ft)
July	315	380	October	212	January	127	July	161
August		360	November	191	February	119	August	210
September		345	December	159	March	150	September	170
October		315	January	175	April	142	October	140
November		265	February	147	May	136	November	75
December		265	March	189	June	154	December	60
January		265	April	178	July	161	January	60
February		265	May	152	August		February	60
March		310	June	159	September		March	65
April		335	July	154	October		April	80
May		365	August		November		May	100
June		375	September		December		June	110
Total to Date	315	3,845	Total to Date	1,716	Total to Date	991	Total to Date	1,291
Projected	315	3,845	Water Rights	3,294	Tier 2	2,154	WSAP	1,968
% of Projected	8.2%	100.0%	% of Rights	52%	% of Allocation	46%	% of Allocation	66%
Remaining	3,530	0	Remaining	1,578	Remaining	1,163	Remaining	677

NOTE:

1) Blue Numbers - Estimate Total Water Production

Monthly Rainfall - 1970/71 - 2014/15 (Oct.- Aug.)



CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS - STAFF REPORT

August 11, 2015
Staff Report

To: Honorable President and Members of the Board of Directors
From: Christy J. Scott
Subject: Water Conservation Update / Water Quality Update

Monitoring Report Submitted to State for July 2015:

Production Numbers

➤ Total Water Production July 2015:	315 AF
➤ Total Water Production July 2013:	467 AF
➤ Percent Reduction:	33 %
➤ Residential Gallons per Capita per Day (R-GPCD) July 2015:	69

Compliance Reporting *

➤ Days of outdoor Irrigation Allowed:	2
➤ Number of Water Waste Complaints:	112
➤ Number of Follow-ups:	112
➤ Number of Warnings:	112
➤ Number of Penalties:	0

* Breakdown of the specific violations is attached

Mandatory Water Reduction Goal

➤ Compliance Period:	June 2015 – February 2016
➤ Compliance Goal	380 AF
➤ Acre Feet Saved for July	152 AF
➤ Acre Feet Saved to Date during compliance period	279 AF
➤ Percent of Goal Achieved to Date	73.4%

Turf Rebates:

➤ Pending Applications:	96
➤ CVWD Funds Remaining:	\$0
➤ Funds Submitted to MWD 2014/2015 FY:	\$547,390
➤ MWD Funds Received 2014/2015 FY:	\$398,750
➤ MWD outstanding:	\$148,640
➤ Square footage of turf removed:	273,695

Update on Water Audits: As the District is well on its way to reaching our required water use reduction, targeted water audits have been suspended. The District has encumbered \$1,750.00 of the \$9,275.00 allocated for targeted water audits. This action will result in a potential \$7,525.00 savings to the District. Eligible customers requesting water audits will still be able to receive this service up to the budgeted amount of 36 water audits for the 2015/2016 fiscal year.

Update on Direct Mailer: A direct mailer was sent out to all of the District's single family residences in July 2015 requesting a targeted conservation amount based on their 2014 water usage. The mailer came in \$1,000.00 under budget.

Parks and Caltrans: Both La County Parks (Parks) and Caltrans have been making great strides to reduce water usage. While not all of the water usage meter readings for the June / July timeframe are completed, Caltrans has shown an approximate 60% reduction from 2014 and Parks approximately 40% reduction.

Events

National Night Out (NNO): The District participated in both local NNO events. Director Claessens and Mr. Love managed the District booth at the NNO event sponsored by the Sherriff's Department at the Ross parking lot. Mr. Love also addressed the public in attendance at the NNO event at the District's Glenwood Water Treatment plant.

Both events were well attended with approximately 80 people through the Glenwood facility. A breakdown of costs for the District's participation at NNO is included.

Drought-tolerant landscape and rain barrel event: The District will be participating in the "WET" Group Drought-Tolerant landscape and rain barrel event at Descanso Gardens. The Event will be Sunday, September 13, 2015 from 10:00 a.m. – 2:00 p.m. **RSVP's are required** and the event includes admission into the Gardens. There will be classes and a rain barrel distribution station. (Rain barrels have to be pre-ordered).

Water Quality Update:

Well 10 was placed out of service on Sunday, August 2, 2015 due to a High Plate Count number above the limit. A series sample set was collected as required and submitted for analysis on Thursday, August 06, 2015. Final results for the series sample set were not available at the time of this report.

Note: Well 15 remains out of service due to low water levels.

Water Waster Violations by Type											
Total # of Complaints	Sprinklers			Watering			Other:				
112	Overspray	Broken Heads	Run-Off	Over watering	Watering on a NO-water day	Watering during (9am-5pm)	Car Wash	Use of hose w/out cut-off valve	Water Leak	Hosing Hardscaped Areas	Watering during or 48 hrs after a rain event
July 2015 Totals	41	1	52	24	73	5	0	2	0	0	3

2015 National Night Out

ITEMS LIST	QTY	PRICE	TOTAL
Glenwood Plant			
CVWD Tumblers (36@box)	57	\$3.99	\$227.43
CVWD Grocery Bags (small white)	57	0.80	\$45.60
Hose Nozzles (20 per box)	57	\$3.99	\$227.43
Duck Sponge	57	\$0.96	\$54.72
Vinyl Decal	57	\$1.39	\$79.23
Pens (floral design)	57	\$0.42	\$23.94
Pastries from Gio's La Crescenta	400		\$400.00
Bonnors Table and Chair Rentals			\$240.00
Armstrong Garden Center Gift Card Raffle	2	\$25.00	\$50.00
Subtotal			\$1,348.35
ROSS Parking Lot			
Low Flow Shower Heads (50 per box)	15	\$3.38	\$50.70
Pencils with Water Drop Erasers	60	\$0.83	\$49.80
Fish Drop Sponge	150	\$1.43	\$214.50
Labor (for both locations)			\$1,100.00
Subtotal			\$1,415.00
Grand Total			\$2,763.35

DROUGHT-TOLERANT LANDSCAPE & RAIN BARREL EVENT

[SEPTEMBER 13, 2015]

DECANSO GARDENS

1418 Decansco Dr., La Cañada, CA 91011

10am-2pm | RSVPs are required

FREE ADMISSION – Please Bring Identification

EVENT SCHEDULE

10:00 am California's Drought

11:00 am Rain Barrel 101

12:00 pm Greywater Presentation

1:00 pm Water-Wise Landscapes

Seating for classes are limited and will be on a first-come, first-serve basis.

RAIN BARRELS - \$85

Preorder your rain barrel by **SEPTEMBER 10, 2015** at RainBarrelsIntl.com (Under the EVENTS tab select "Decansco Gardens.") Rain barrels will also be available for purchase at the event. Attendance is not required to purchase/pick up a rain barrel. Rain barrel rebates are \$75 and up at SoCalWaterSmart.com.

Call your local water agency to RSVP!



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CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS - STAFF REPORT

August 11th, 2015
Staff Report

To: Honorable President and Members of the Board of Directors
From: Mark E. Hass – District Technology Manager
Subject: Staff Report – Upcoming Technology Initiatives

FY 2015/16 Upcoming Technology Projects and Systems Status Reviews

- **SCADA and Telemetry lifecycle replacement project (E-939)** - The scope of this capital project is to modernize and replace the SCADA and telemetering equipment for Water and Wastewater instrumentation and controls which contain aged, “*end of life*” and legacy equipment to ensure on-going timely, accurate and responsive equipment on all District distribution and service technology assets. Replacement of PLCs, control computers, human interfaces, alarms, and management tools will be included in this project. The rollout of E-939 will span several years as indicated in the CIP budget and will require close interaction between staff and Engineering Committee at several points in the timeline due to the size and impact of the project as a whole with respect to project schedule and costs. Staff will request an Engineering Committee meeting in the early October 2015 to review scope and to have discussion on the RFP and timelines.
- **Cyber and Physical Security enhancements** – District staff is in process of deploying upgrades to network security appliances and systems. Software and systems are being modified to update electronic use policies both by management design and due to compliance with current and ever changing industry standards. Surveillance systems are being enhanced and modernized in FY 2015/16 to protect District employees, facilities and assets. These updates are vital as deterrents and post-occurrence response to safety and security events.
- **Payment and Account Services Analysis** - A review of the Credit card and other customer payment methods expenses after 12 months in service will be complete in October 2015. Staff will review best options going forward and make recommendations on vendor and feature choices once the analysis are compared to current offerings.
- **Customer Billing and Form Generation System** - During the 3rd and 4th quarter of 2015 enhancements will be available to modify current and create new billing, notification and other documents in-house rather than using outside vendors. Changes to bills, “paperless” billing offering and other savings can be realized once these systems are in place. This project is a pre-cursor to a true “*paperless*” office.
- **GIS and Asset related systems enhancements** – Over the course of FY 2015/16, small but important in-roads will be completed to billing, GIS and work order systems, which will be the foundation of greater GIS

and other District wide tools that will be offered to increase staff 's productivity and response times in the future. Fleet management, USA-Dig Alert and Asset tagged datasets are currently being serviced to accomplish these goals. Future budgets will reflect projects that will tie all these systems into a central data management system used in all departments for instant and accurate data use system wide.

- **AMI Studies** - AMI enabled meters are being deployed and limited data logging and manual collection is occurring to enhance customer services offerings and to study likely needs and parameters for future discussion with the board. In FY 2015/16 low cost communication and radio studies will be accomplished by staff to certify realistic technology options for that discussion. The results of these studies will allow staff and the Engineering committee to recommend options in the future with the greatest ROI and benefits to our customers.