

# 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 October 17, 2017 at 7:00 p.m.

Posted: October 13, 2017 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 September 19, 2017.
2. Ratification of disbursements for September 2017.
3. Well 10 Rehabilitation, Project E-987 – Consideration and motion to authorize the General Manager to advertise for bids for rehabilitation of Well 10 including replacing the pump and motor assembly at an engineer's cost estimate of \$63,900 and to find said project exempt from the provisions of CEQA

### 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. 8-inch Water Main Replacement on the 2700, 3000 & 3100 Blocks of Brookhill Ave., Project E-982 – Consideration and motion to authorize the General Manager to award a contract to the lowest responsible bidder, Toro Enterprises, Inc. for the construction of 2,700 lineal feet of pipeline replacement on the 2700, 3000 & 3100 Blocks of Brookhill Ave at a cost of \$729,730 and establish a contingency amount of \$72,973 (10% of contract) to cover the cost of unforeseen or additional work.
2. Procurement of SCADA Equipment for Chloramination Station at Williams Reservoir, Project E-733CS-4 – Consideration and motion to authorize the General Manager to award a contract for the procurement of SCADA equipment and programming to Tesco Controls, Inc. at a cost of \$30,920.
3. Lower Pickens Canyon Pipeline Crossing Repair, Project E-957 – Recommendation to amend the existing professional service agreement with AMEC Foster Wheeler (AMEC) to provide slope and landscaping restoration services related to the Lower Pickens Canyon pipeline repair project at a total cost of \$18,000.

**Information Items**

**Written Communications to District/Board of Directors**

**General Manager's Report**

**Attorney Report**

**Reports of Committees**

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

**Director's Oral Reports**

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

**Board Members' Request for Future Agenda Items**

**Adjournment**

**CRESCENTA VALLEY WATER DISTRICT**  
**ADJOURNED REGULAR MEETING, BOARD OF DIRECTORS**  
**September 19, 2017**

Pursuant to the order of the Board of Directors of the Crescenta Valley Water District, made at the Regular Meeting of September 5, 2017, an Adjourned Regular Meeting was held on September 19, 2017, at 7:00 p.m. at the District office at 2700 Foothill Blvd., La Crescenta, California, with President James D. Bodnar presiding.

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

<b>Directors:</b>	<b>James D. Bodnar</b> <b>Michael L. Claessens (absent)</b> <b>Kerry D. Erickson</b> <b>Kenneth R. Putnam</b> <b>Judy L. Tejada</b>
<b>Attorney:</b>	<b>Thomas S. Bunn</b>
<b>General Manager:</b>	<b>Thomas A. Love</b>
<b>Secretary-Treasurer:</b>	<b>Ron L. Mitchell</b>
<b>District Engineer:</b>	<b>David S. Gould</b>
<b>Others Present:</b>	<b>Mark Hass, IT Manager</b> <b>Wendy Holloway, Customer Accounts Supervisor</b> <b>Dennis Maxwell, Superintendent</b> <b>Kathy Ross, FMWD Director</b>

**PLEDGE OF ALLEGIANCE**

President Bodnar opened the meeting by leading the Board and staff in reciting the Pledge of Allegiance.

**ADOPTION OF AGENDA**

**It was moved by Director Tejada, seconded by Director Erickson and carried by a 4-0 vote that the Agenda for the Adjourned Regular Meeting of September 19, 2017 be adopted as presented.**

**PUBLIC COMMENT** – None

**FOOTHILL MUNICIPAL WATER DISTRICT REPORT** – Ms. Kathy Ross said that the FMWD Board will be meeting on September 26, 2017. She had mentioned that two Directors are submitting their names for ACWA committees; Director Matthews is running for the Finance Committee, and Director Bryant is running for the Membership Committee. This Saturday is the Descanso water event. Also, she talked about a community website and stated the majority of the comments are in favor of CVWD.

**CONSENT CALENDAR**

**It was moved by Director Putnam, seconded by Director Erickson and carried by a 4-0 vote to approve the Minutes of the Regular Board Meeting held on September 5, 2017, to advertise for bids for the New Emergency Electrical Generator at the La Granada Wasterwater Lift Station, Project**

**S-961, and advertise for bids for Water Main Replacement on the 2700, 3000, 3100 Blocks of Brookhill Avenue., Project E-982.**

**It was moved by Director Tejeda, seconded by Director Erickson and carried 4-0 to ratify the disbursements for August 2017.**

**Payment of demands against the Crescenta Valley Water District on or before August 31, 2017 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 Nine Hundred Forty Two Thousand, Ninety Six Dollars and Fifty Seven cents (942,096.60), which is composed of the individual items set forth herein.**

### **ACTION CALENDAR**

**ACWA Region 8 Election** – Mr. Love discussed with the Board the regional elections, and recommended the District approve the Nominating Committee’s recommended slate for Region 8 for the 2018-19 term.

**It was moved by Director Erickson, seconded by Director Tejeda and carried a 4-0 vote to accept the nominating committee’s recommended slate.**

**CVWD’s Well 2 and Related Facilities, Project E-956** – Mr. Gould reported that this item was discussed at the last Board Meeting and it was tabled so more information could be gathered and the Board had a chance to read review it. There was a bid opening on August 30, 2017 and 3 bids were submitted. California Building Evaluation & Construction (CBEC) was the lowest bidder. The second lowest bidder Pacific Hydotech Corporation sent a request for justification to award the bid to CBEC. Mr. Bunn discussed three main issues that were raised by the 2<sup>nd</sup> lowest bidder. The bid proposal from CBEC was \$1,245,501 which is over the engineer’s cost estimate of \$907,000. Staff reviewed the FY 17/18 CIP program to see if any other projects could be deferred to next year and determined that these projects would not be in the best interest of the District. Staff is recommending transferring \$500,000 from the MTBE funds to make up the budget shortfall. Staff reviewed the bid proposal from CBEC with CVWD’s legal counsel. Four options were presented and after discussion, it was decided to go with Option 1 – Award to the lowest responsible bidder.

Following discussion:

**It was moved by Director Erickson, seconded by Director Tejeda and carried 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 Well 2 and related facilities at a cost of \$1,245,501, establish a contingency amount of \$124,550 (10% of contract) to cover the cost of unforeseen or additional work, and to waive the irregularities with respect to the project experience and the equipment/material source information.**

**Steel Reservoir Rehabilitation at Oak Creek #1 & #2 Reservoirs, Project E-970** – Mr. Gould reported on September 13, 2017 there was a bid opening. Advanced Industrial Services, Inc. (AIS) was the lowest bidder at a cost of \$869,300 which included alternative bids items. The bid was 17% higher than the engineer’s estimate of \$740,800. Staff also requested a proposal from Harper & Associates to provide

quality control inspection services for structural modifications, removal and re-coating of the interior and exterior surfaces and the new cathodic protection system in the amount of \$80,000.

Following discussion:

**It was moved by Director Putnam, seconded by Director Tejada and carried a 4-0 vote to authorize the General Manager to award a contract to Advanced Industrial Service, Inc., at a cost of \$869,300, award a contract in the amount of \$80,000 to Harper & Associate for quality control inspection services, and to transfer \$90,000 from reserves.**

**California Water Fix** – Mr. Love gave a presentation on the California Water Fix. This is a \$16.7 billion investment plan proposed by Governor Brown and the CA Department of Water Resources to upgrade the states existing water delivery system by constructing two tunnels to move water supplies underneath, rather than through, the Sacramento-San Joaquin Bay Delta. The FMWD General Manager asked if the District would speak in support of the project at the MWD Board Meeting on September 26<sup>th</sup>. Director Putnam expressed concerns over engineering peer review of the project.

Following discussion:

**It was moved by Director Putnam, seconded by Director Erickson and carried a 3-0-1 (Bodnar abstain) to authorize the General Manager to attend the MWD Board Meeting and support the concept, but needs independent engineering peer review before work begins.**

**INFORMATION ITEMS** – None

**WRITTEN COMMUNICATIONS TO DISTRICT** – None

**REPORTS OF PERSONNEL**

**GENERAL MANAGER** – Mr. Love reminded the Board of the Descanso Gardens event this Saturday, September 23<sup>rd</sup>. He also reported Well #5 was started up, tested, and found a high bacteria count. The well was shut it down, treated with chlorine and started it back up. Staff will test again and have the results tomorrow. Also Well #8 is back online.

**ATTORNEY** – Mr. Bunn reported on AB466, SB623 and a bill he had been working on where Newhall County Water District will merge with Castaic Lake Water Agency. He also said that Senator Feinstein is concerned about the tax treatment on rebates and has co-sponsored a bill that excludes the rebates from Federal Income Tax. Kern County's fight against Los Angeles regarding dumping sludge was lost as the Appeals court has ruled in favor of Los Angeles.

**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 Tejada reported that the Committee had not met; however a meeting will be scheduled as needed.

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

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

**Community Relations/Water Conservation Committee** – Director Erickson 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.

**Executive Committee** – Director Bodnar reported that the Committee had not met: however a meeting will be scheduled as needed.

### **DIRECTORS ORAL REPORTS**

Director Bodnar reported that he attended the CVTC Pancake breakfast on September 16, 2017.

Director Putnam reported that AWWA did a survey of water rate increases over the last 5 years, and the average is 6.5% last year.

Director Tejada reported she attended a CV Chamber event last week at the hospital. She also has been invited to a breakfast tomorrow about water, where both MWD and DWP will be there; however, she won't be able to attend.

Director Erickson reported that he attended the CVTC Pancake breakfast on September 16, 2017 with Director Claessens and said it was very successful. He also said that he has received many comments from customer regarding their high water bills.

### **ADJOURNMENT**

There being no other business to come before the Board, at 8:33 p.m.it was moved by Director Tejada, seconded by Director Erickson and carried by a 4-0 vote that the meeting be adjourned to October 3, 2017 at 7:00 p.m.

### **APPROVED**

---

James D. Bodnar  
President

---

Ron L. Mitchell  
Secretary-Treasurer

# CASH DISBURSEMENTS LIST

## SEPTEMBER 2017



<u>Check#</u>	<u>Check Date</u>	<u>Payable To</u>	<u>Description</u>	<u>Water Amount</u>	<u>Wastewater Amount</u>
0	9/25	CalPERS	Contributions for 08/2017	19,897.91	11,939.38
0	9/27	Los Angeles County Public Works	Excavation permit	3,832.00	
0	9/26	Southern California Edison Co.	Power purchased 09/2017	18,672.94	494.70
36258	9/1	Dennis A. Maxwell, Jr	Health Reimbursement - Maxwell	393.10	262.07
36259	9/5	2454 Montrose, LLC	Flood meter deposit refund	560.93	
36260	9/5	Accurate Trailer Hitch & Welding, Inc.	Unit #21 Trailer - modifications and repairs made	2,478.18	826.05
36261	9/5	ACV Systems, LLC	R & R altitude valve	1,051.26	
36262	9/5	Allstar Fire Equipment Inc	2 new fire hoses	558.03	
36263	9/5	Lucas Alfonso	Refund Check	16.35	
36264	9/5	AMEC Foster Wheeler Environment	E-957 Pickens Slope repair - services through 7/28/17	1,172.00	
36265	9/5	American Water Works Assoc.	Membership renewal 10/2017 - 09/2018	1,968.00	
36266	9/5	Regino Avalos	Clear weeds & ivy from fence at Well 16	375.00	
36267	9/5	Burke, Williams, & Sorensen, LLP	Services rendered through 07/31/17	93.75	31.25
36268	9/5	California Water Environment	Renewal Collection System Maint. Grad 1 - Jim Halaszynski	85.00	
36269	9/5	CalPERS	Fees for GASB-68 Reports & Schedules	350.00	350.00
36270	9/5	Charles P. Crowley Co.	Glenwood chlorination pumps	2,354.11	
36271	9/5	Choice Pest Control	Monthly service at Well 9 & Mills	90.50	12.50
36272	9/5	City of Glendale	Monthly billing for Well lease and water purchased	13,180.94	
36273	9/5	City of Glendale Water & Power	Power purchased 08/2017	38,641.28	166.34
36274	9/5	Colonial Life & Accidents Ins.	Employee paid insurance 08/2017	183.61	
36275	9/5	Fire Master	Extinguisher for diesel tank	237.21	79.07
36276	9/5	First Choice	Coffee service Office & Plant	134.84	134.84
36277	9/5	Foothill Car Wash, Lube & Oil	Oil change for Units #36, #46, #51	291.17	97.06
36278	9/5	Golden Bell Products, Inc	60 gallons lift station degreaser		1,730.52
36279	9/5	Goodyear Commercial Tire	Unit #2 - 6 new tires; Unit #18 - 4 new tires	3,453.42	1,151.12
36280	9/5	Grainger	Tire gauge, regulator, gauges, and dust pan w/brush	126.61	126.60
36281	9/5	Hach Company	Maintenance & service for chlorine and nitrate analyzers	16,648.00	

36282	9/5	Harrington Ind Plastics LLC	3" ball valve for well 200 vessel; adapters, caps, flanges, couplings	2,670.66	
36283	9/5	Core & Main	2" ss inserts, brass nipples, brass elbows, pipe	1,223.56	
36284	9/5	Home Depot Credit Services	Misc tools 08/2017	155.15	155.15
36285	9/5	James Komen	Refund Check	93.97	
36286	9/5	L.A. County Dept. Public Works	Excavation permits	5,828.92	
36287	9/5	L.A. County Dept. Public Works	Excavation permits	2,979.00	
36288	9/5	LJ's Access Systems, Inc.	Maintenance of security gates various locations	450.00	150.00
36289	9/5	Logan Supply Co. Inc	Black spray paint to cover USA markings	138.69	138.68
36290	9/5	Lysette Lopez	Refund Check	23.74	
36291	9/5	Andrea McDaniel	Refund Check	67.21	
36292	9/5	Mimecast North America, Inc.	Email security 08/2017	262.50	87.50
36293	9/5	Paula & Robert Morton	Refund Check	20.03	
36294	9/5	Mitchell Nelson	Refund Check	38.98	
36295	9/5	New Image Landscaping	Monthly landscape 08/2017	902.50	177.50
36296	9/5	Office Depot - Credit Plan	Misc supplies 08/2017	325.20	225.29
36297	9/5	Paper Cuts, Inc	Monthly paper shredding	2.50	2.50
36298	9/5	Paveco Construction Inc	Stripping at various locations	4,197.50	
36299	9/5	Plate Locks Roadway Safety Products	Trench plate locking kits	1,100.06	
36300	9/5	Reliable Road Service, Inc.	Unit #2, #16, #18, and #25 - Service engine, oil change	1,489.33	496.44
36301	9/5	Robertson's	1.0 SK slurry for job at 3115 Montrose	513.48	
36302	9/5	Simpler Systems	Monthly maintenance fee 09/2017	375.00	125.00
36303	9/5	Spectrum Business	Data Comm 08/2017 Office	2,133.11	711.04
36304	9/5	Spectrum Business	Data Comm 08/2017 Mills	2,108.27	702.75
36305	9/5	Star Brite Bldg. Maintenance Inc	Janitorial service 09/2017	618.75	206.25
36306	9/5	Sully-Miller Contracting Co.	Minimum load charge	838.65	
36307	9/5	The Gas Company	Gas purchased 08/2017 Mills House & Plant	25.03	8.34
36308	9/5	Toro's Lawnmower & Garden	Oil change and service for the trench compactor	82.87	82.86
36309	9/5	Univar USA Inc	1640 gallons of bleach at Mills & Glenwood	2,915.65	
36310	9/5	UPS	Shipping Charges	184.53	184.53
36311	9/5	Ver Sales, Inc	20' round sling for lifting	661.52	661.50
36312	9/5	Vision Service Plan Co-(CA)	Group Vision for 09/2017	278.46	185.64
36313	9/5	Vulcan Materials Company	Crushed aggregate base	116.82	
36314	9/5	Waste Management - Sun Valley	Disposal service for Office & Plant - 09/2017	781.70	260.56
36315	9/5	Water Wise Consulting, Inc	Water audit for 2408 Los Olivos	175.00	
36316	9/7	L.A. County Dept. Public Works	Permits: 2827 Orange - 3137 Community - 3153 Los Olivos	1,545.00	
36317	9/13	AT&T	Voice communication 08/2017	152.24	50.74
36318	9/13	Coastline Equipment Co.	Unit #15 new battery	105.71	35.24



36319	9/13	J & K Welding	Welding cost to install fire hydrant	708.75	
36320	9/13	So Cal Water Utilities Assoc.	Vendor fair registration - Pam,Joe,David,Christina, Brook, Cory	112.50	37.50
36321	9/13	Univar USA Inc	955 gallons of bleach at Mills & Glenwood	1,697.83	
36322	9/13	UPS	Shipping charges	27.69	27.69
36324	9/13	Ron Mitchell	Health Reimbursement - RM	58.44	38.96
36325	9/14	Christy Joana Scott	Health Reimbursement - CS	164.16	109.44
36326	9/19	Accela, Inc. #774375	SMG data conversion	614.25	204.75
36327	9/19	ACWA/JPIA	Group Health 10/2017	33,777.96	21,957.52
36328	9/19	ADS, LLC	Monthly sewer flow monitoring 08/2017		1,060.00
36329	9/19	Adventist Health	DMV physical for Jaysen Ortega	86.25	28.75
36330	9/19	Aflac	Employee paid insurance 09/2017	1,406.69	
36331	9/19	Airgas USA, LLC	Monthly cylinder rental	178.81	178.80
36332	9/19	All American Landscape Co.	Monthly maintenance 09/2017	435.00	145.00
36333	9/19	Ameripride Uniform Services, Inc	Unform rentals for 08/2017	1,215.30	405.10
36334	9/19	Anawalt Lumber & Materials Co.	Misc hardware 08/2017	85.91	28.63
36335	9/19	ARC	E-970 - Plans & Specs for Oak Creek Reservoir	480.90	
36336	9/19	ARC	Monthly MPS billing 08/2017	656.80	218.93
36337	9/19	AT&T	Final billing	1.34	0.44
36338	9/19	AT&T Mobility	Cell phone service 8/8/17 to 9/7/17	2,000.45	666.81
36339	9/19	Regino Avalos	Remove ivy along fence at Well #11	450.00	
36340	9/19	BC Laboratories, Inc	Water analysis	2,715.00	
36341	9/19	BC Laboratories, Inc	Water analysis	2,582.75	
36342	9/19	BC Laboratories, Inc	Water analysis	2,220.40	
36343	9/19	James Bodnar	Registration & mileage for Water Education Seminar	130.65	43.55
36344	9/19	Capital One Commercial	Misc supplies	142.56	142.55
36345	9/19	CCS Interactive, Inc.	Monthly website hosting 09/2017	78.75	26.25
36346	9/19	Cerdant, Inc.	Network security services 09/2017	206.25	68.75
36347	9/19	Charles P. Crowley Co.	E-733CS - Digital level meter	1,035.74	
36348	9/19	City of Glendale	Utility tax 7/1/17 to 08/31/17	39,015.35	
36349	9/19	City of Glendale Water & Power	Power purchased 09/2017	37,018.89	86.42
36350	9/19	City of Los Angeles	Capital & O & M portion of Asssc		170,826.00
36351	9/19	Dataprose LLC	Printing & Postage Control 1-4	1,523.00	1,523.00
36352	9/19	Dell Financial Services	Lease contract for 9/17/17 to 10/16/17	727.71	242.57
36353	9/19	DMV Renewal	Unit #42 - trailer renewal	7.50	2.50
36354	9/19	Do-it Center	Misc hardware 08/2017	77.65	1.96
36355	9/19	Empire Fleetwash, LLC	Cost to clean district vehicles	266.25	88.75
36356	9/19	Eurofins Eaton Analytical Inc.	Water analysis	396.00	

36357	9/19	Eurofins Eaton Analytical Inc.	Water analysis	382.00	
36358	9/19	Foothill Municipal Water	Purchased Water 08/2017	335,780.66	
36359	9/19	Jeff Frame	Refund Check	81.82	
36360	9/19	Full Source, LLC	Fireproof pants for R. Dodge	173.58	57.86
36361	9/19	Robert Garcia	Refund Check	96.58	
36362	9/19	GardenSoft	Water wise gardening website license renewal	1,500.00	
36363	9/19	Great America Leasing Corp.	Kyocera Copier lease 09/2017	274.07	274.07
36364	9/19	Gsolutionz Professional Services	Land line lease	275.54	91.84
36365	9/19	Eva Jeffers	Refund Check	59.36	
36366	9/19	Just Tires, Inc.	Unit #38 - 2 new tires	233.01	77.67
36367	9/19	Kathleen Kinmont	Refund Check	44.48	
36368	9/19	LA Dept Water and Power	Power purchased 09/2017	50.09	
36369	9/19	Lagerlof, Senecal, Gosney & Kr	Legal services for 08/2017	7,910.00	1,250.00
36370	9/19	Lagerlof, Senecal, Gosney & Kr	Emergency Preparedness Coordinator matter	276.51	92.17
36371	9/19	Lagerlof, Senecal, Gosney & Kr	Public Water Agencies Group	95.02	31.68
36372	9/19	Nicholas Lloyd	Refund Check	20.75	
36373	9/19	Mary McNeill-Alkalamy	Refund Check	66.09	
36374	9/19	Microflex Corporation	Sewer latex gloves		532.48
36375	9/19	Maria Muriello	Refund Check	87.48	
36376	9/19	O'Reilly Auto Parts	Misc supplies 08/2017	180.61	51.82
36377	9/19	Orchard Supply Hardware	Misc hardware 08/2017	410.49	248.58
36378	9/19	David & Melissa Quesada	Refund Check	277.94	
36379	9/19	Ramco	Dumpling fees for 08/2017	2,200.00	
36380	9/19	Royal Industrial Solutions-Chatsworth	Electrical wire, connectors and power supplys	480.89	
36381	9/19	Sawyer Petroleum	365 gallons of red diesel fuel	2,196.68	732.23
36382	9/19	Secretary of State	Notary renewal for Ron Mitchell	30.00	10.00
36383	9/19	Shell	Gas purchased 09/2017	1,527.16	509.05
36384	9/19	Spectrum Business	Data communications Mills plant	209.94	70.00
36385	9/19	Sully-Miller Contracting Co.	Minimum load charge	24.52	
36386	9/19	Tesco Controls, Inc	Repairs to the PLC's at Markridge Reservoir and a spare	1,150.00	
36387	9/19	Underground Service Alert/SC	Underground notification for 08/2017	165.90	55.30
36388	9/19	Univar USA Inc	1305 gallons of liquid bleach	2,320.07	
36389	9/19	HOWARD WAX	Refund Check	7.70	
36390	9/19	LEIGH ANNE WILKINS	Refund Check	87.31	
36391	9/25	Bonnors Equipment Rentals	Chair & table rentals for National Night Out - 08/2017	315.40	
36392	9/25	Burke, Williams, & Sorensen, LLP	Legal services through 08/2017	752.25	250.75
36393	9/25	E&M Electric & Machinery, Inc.	E-939 - External USB voice modem for SCADA	774.63	

36394	9/25	Just Tires, Inc.	Unit #9 - 4 new tires	975.48	325.15
36395	9/25	Logan Supply Co. Inc	10 round & 10 square point shovels	217.03	217.03
36396	9/25	Mimecast North America, Inc.	E-mail security 09/2017	262.50	87.50
36397	9/25	New Image Landscaping	Monthly maintenance landscaping 09/2017	902.50	177.50
36398	9/25	Plumbers Depot Inc	Extendable cone bar, orange & white	462.50	154.17
36399	9/25	Rassac Air Systems	Repair A/C Glenwood	198.81	66.27
36400	9/25	Sully-Miller Contracting Co.	Minimum load charge	863.17	
36401	9/25	The Gas Company	Gas purchased 09/2017 Office	11.09	3.70
36402	9/25	Univar USA Inc	1,550 gallons of liquid bleach - Glenwood and Mills Plant	2,755.65	
36403	9/25	Water Well Redevelopers Inc	E-983 - Videolog Well #5	990.00	
36404	9/25	Wells Fargo Card Services	Gould:AWWA Fall Conf (air, hotel, reg); books, review class for J. Ortega & W. Boyce; Tri State seminar (hotel, reg) for K. Boyce & J. Halaszynski; CVWD shirt for J. Lee	1,954.71	651.56
36405	9/25	Wells Fargo Card Services	Hass: Mo. recurring charges; computer hardware/software; tools	1,158.15	380.10
36406	9/25	Wells Fargo Card Services	Maxwell:Plastic pallets; parts for units #21 & #43; chlorine pellets; safety mtg treats; ac unit for Penn house	1,833.61	276.89
36407	9/25	Wells Fargo Card Services	Mitchell:Calpelra Conf (reg) & membership; hepa filter for office; board mtg dinner	1,226.82	408.94
36408	9/25	Wells Fargo Card Services	Scott: CUWCC meeting (air); water quality mtg treats; Water Smart Innovations Conf (reg); sponsorship ad	1,478.82	33.86
36410	9/25	Brook Yared	Longevity pay - 10 years with District	100.00	
Subtotals				<u>\$ 670,640.28</u>	<u>\$ 227,327.80</u>
Total Disbursements for September 2017				<u><u>\$ 897,968.08</u></u>	

**Payroll Report for September 2017**

Directors	\$ 1,170.00
Office Regular Payroll	\$ 120,974.00
Office OT	\$ 1,181.00
Plant Regular Payroll	\$ 110,103.00
Plant OT & Standby	\$ 9,500.00
Employer Payroll Taxes	\$ 17,089.00
Payroll Service Charges	\$ 422.00
Total Payroll	<u><u>\$ 260,439.00</u></u>

# CRESCENTA VALLEY WATER DISTRICT

## BOARD OF DIRECTORS - STAFF REPORT

Consent Calendar Item No. 3  
October 17, 2017

**To:** Honorable President and Members of the Board of Directors  
**From:** Brook Yared, M.S., P.E. – Associate Engineer  
**Subject:** Advertisement for Bids - Rehabilitation of Well 10, Project E-987

**CONSENT CALENDAR:**

**Well 10 Rehabilitation, Project E-987** – Consideration and motion to authorize the General Manager to advertise for bids for rehabilitation of Well 10 including replacing the pump and motor assembly at an engineer’s cost estimate of \$63,900 and to find said project exempt from the provisions of CEQA.

**BACKGROUND:**

Well 10 was last rehabilitated and returned to service in April 2012. Since then, Well 10 has been operating on a 24/7 basis with flows averaging 45 gpm, significantly below the design point of 300 gpm established prior to the drought. Operations staff has been using a small flow control valve to maintain the water level in Well 10 in order to prevent cavitation. At the time of the last rehabilitation, staff did not employ any additional advanced well rehabilitation options as this was a prior to get the well back into service due to the drought. Staff is confident that, if additional rehabilitation methods are employed, a significant increase in production from Well 10 could be achieved.

**DISCUSSION:**

Staff has a concern with the low capacity and pump efficiency of Well 10. The current pump and motor assembly was designed for pre-drought conditions and is currently too large to operate efficiently. Well 10 had a well liner installed in 2001 to reduce a large sanding issue.

Staff has prepared bid documents for the well rehabilitation and pump replacement at Well 10, which was included in FY 17/18 CIP budget. The scope of work includes the addition of sonar jetting the well casing and changing the pump from a vertical turbine pump to a submersible pump. Staff is anticipating the new pump capacity will be approximately 150 gpm, which is more than its current flow rate of 45 gpm. Also, the project will change the existing pump and motor assembly to a submersible pump and motor, which will reduce the cost of future rehabilitation and eliminate the need for regular well lubrication maintenance.

Staff anticipates the contract to be awarded at the November 21<sup>st</sup> Board Meeting. The pump would be ordered in early December and work at the site will commence after receiving the new pump and motor. Staff anticipates the entire project to be completed by mid-February 2018 and after a successful chlorination of the well, Well 10 should be back in service by the beginning of March 2018.

**RECOMMENDATION:**

Staff recommends approval of the project for advertising for bids. This item was discussed with the Engineering Committee and the Committee approved the project.

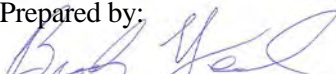
**ENVIRONMENTAL REVIEW:**


This project is exempt from the California Environmental Quality Act (CEQA) pursuant to Section 15301 of the CEQA Guidelines. This exemption covers the repair of existing facilities involving negligible or no expansion of existing use.

**FUNDING AVAILABILITY:**

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

Account Description	Amount
FY 17/18 Water CIP– Water Supply – Well Rehabilitation	\$85,000
Engineer’s Cost Estimate	<\$63,900>
<b>Estimated Amount Remaining</b>	<b>\$21,100</b>

Prepared by:  
  
 Brook Yared, M.S., P.E.  
 Associate Engineer

Submitted by:  
  
 David S. Gould, P.E.  
 District Engineer

# CRESCENTA VALLEY WATER DISTRICT

## BOARD OF DIRECTORS - STAFF REPORT

Action Item No. 1

October 17, 2017

**To:** Honorable President and Members of the Board of Directors

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

**Subject:** **Award of Contract - Water Main Replacement on the 2700, 3000 & 3100 Blocks of Brookhill Ave., Project E-982**

---

### **ACTION ITEM:**

**8-inch Water Main Replacement on the 2700, 3000 & 3100 Blocks of Brookhill Ave., Project E-982** – Consideration and motion to authorize the General Manager to award a contract to the lowest responsible bidder, Toro Enterprises, Inc. for the for the construction of 2,700 lineal feet of pipeline replacement on the 2700, 3000 & 3100 blocks of Brookhill Ave at a cost of \$729,730 and establish a contingency amount of \$72,973 (10% of contract) to cover the cost of unforeseen or additional work.

### **BACKGROUND:**

The District's goal is to replace a minimum of 2,000 linear feet of pipeline which is 50 years or older, per year. The pipelines planned to be replaced, which was included as part of the FY 17/18 CIP budget, are on the 2700, 3000, & 3100 blocks of Brookhill Ave and the 5000 block of La Crescenta Ave. These pipelines are undersized (4-inch pipe), located within the parkway and have had numerous leaks over the last 5 years.

Two issues for this project to be pointed out are a portion of the pipeline on the 3100 block of Brookhill will have to be relocated outside a LA County Flood Control Channel (Quail Creek Channel) since there is only 4 inches of pavement above the top of the concrete channel. The second issue is that a small portion of the project is at the intersection of Pennsylvania and Brookhill which is within the City of Glendale. Glendale has been planning to re-surface Pennsylvania Ave from the 210 Freeway to Markridge and the project is proposed to start in February 2018. CVWD will be working with the contractor to complete this portion of the work before Glendale begins their project.

### **DISCUSSION:**

#### **Bid Opening:**

On September 19, 2017, the Board authorized the General Manager to advertise for bids for the subject project. A mandatory pre-bid meeting was held on October 4, 2017, which was attended by six (6) contractors. CVWD specifications indicate that only contractors who attend this meeting are allowed to bid on the project.

On October 11, 2017, at 2:00 PM, the District opened and read the following bid proposals for this project:

	<b><u>Bidder</u></b>	<b><u>Total Bid Amount</u></b>
Low	Toro Enterprises, Inc.	\$729,730
2	JA Salazar Construction	\$889,800
3	Dominguez General Engineering	\$954,900
4	TE Roberts	\$1,016,500

Staff has revised the bids received and determined that Toro Enterprises, Inc. (Toro) of Oxnard, CA was the lowest responsible bidder for the project. The engineer's estimate was \$624,000 and the low bid was \$729,730 or 17% more than the engineer's estimate.

Toro provide a list of references which included installation of similar waterlines projects for the Cities of Oxnard, Ventura, Santa Paula and Cal Poly-Pomona. Staff contacted Toro's references and the general comments were that Toro does a good job, they were pleased with their work; changes orders were minimal and had a good understanding of their projects. . Staff has not worked with Toro before and expects a learning curve for both the contractor and the District during the project.

Ms. Christina Olmedo will be the project manager, and Mr. Cory Whitman will provide field inspection for this project. The proposed project schedule will be for Toro to complete the work on the 2700 block of Brookhill and the 5000 block of La Crescenta before the start of the holiday season. The work on the 3000 & 3100 blocks of Brookhill will begin in January 2018. The entire project should be complete by March 2018.

Staff will be having a Community Meeting on October 19, 2017 at 6 pm for the 2700 block of Brookhill and the 5000 block of La Crescenta. The meeting will be at the end of the cul-de-sac on the 2700 block of Brookhill.

**RECOMMENDATION:**

It is staff's recommendation to award the contract for the subject project to the lowest responsible bidder, Toro Enterprises, Inc pending review of references at a cost of \$729,730 and establish a 10% contingency fund of \$72,973. Staff is also requesting transfer of \$150,000 from the Water Reserves Fund to make up for the budget shortfall. This item was discussed with the Engineering Committee and the Committee approved the project.

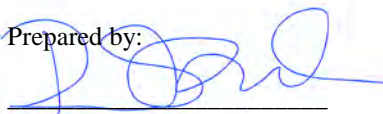
**ENVIRONMENTAL REVIEW:**

This project is exempt from the California Environmental Quality Act (CEQA) pursuant to Section 15301 of the CEQA Guidelines. This exemption covers the repair of existing facilities involving negligible or no expansion of existing use.

**FUNDING AVAILABILITY:**

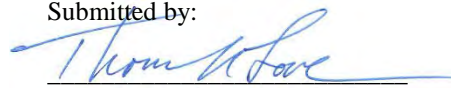
Account Description	Amount
FY 17/18 Water CIP- Water Distribution	\$760,000
Contractor Cost	<\$729,730>
Unforeseen or additional work (10% contingency)	<\$ 72,973>
Additional costs such as material purchase by CVWD, soils engineer, engineering & inspection labor costs	<\$ 95,000>
Total Construction Cost	< <b>\$897,703</b> >
Transfer funds from Water Fund Reserves	\$150,000
Amount Remaining in Water CIP – Distribution System	<b>\$ 12,297</b>

Prepared by:



David S. Gould, P.E.  
District Engineer

Submitted by:



Thomas A. Love  
General Manager

Attachments:

1. Bid Summary

# CRESCENTA VALLEY WATER DISTRICT

Title: 8-inch Water Main on the 2700, 3000, 3100 blocks of Brookhill Avenue

BID LOCATION:

CVWD's Office

E-Job No: E-982

TIME: 2:00 PM

Engineer's Estimate: \$624,000

DATE: 10/11/17

Project Manager: Christina Olmedo

BY: CO CHECKED: DSG

DATE: 10/11/17

ITEM	DESCRIPTION	QUANTITY	Engineers Estimate		Toro Enterprises		JA Salazar Construction		Dominguez General Engineering		TE Roberts	
			UNIT	AMOUNT	UNIT	AMOUNT	UNIT	AMOUNT	UNIT	AMOUNT	UNIT	AMOUNT
1	Excavation and Backfill	4,000 LF	\$55.00	\$220,220.00	\$55.00	\$220,000.00	\$70.00	\$280,000.00	\$90.00	\$360,000.00	\$103.00	\$412,000.00
2	Resurfacing Trench	12,000 SF	\$8.00	\$96,240.00	\$9.50	\$114,000.00	\$9.00	\$108,000.00	\$15.00	\$180,000.00	\$12.00	\$144,000.00
3	8" CML & CMC Steel Pipe	2,700 LF	\$55.00	\$148,500.00	\$57.00	\$153,900.00	\$90.00	\$243,000.00	\$70.00	\$189,000.00	\$60.00	\$162,000.00
4	6" Fire Hydrant Assembly	7 EA	\$5,000.00	\$35,000.00	\$4,000.00	\$28,000.00	\$12,000.00	\$84,000.00	\$10,000.00	\$70,000.00	\$3,700.00	\$25,900.00
5	1-inch Water Services	73 EA	\$1,000.00	\$73,000.00	\$1,710.00	\$124,830.00	\$1,200.00	\$87,600.00	\$1,300.00	\$94,900.00	\$3,100.00	\$226,300.00
6	2-inch Blow-off	1 EA	\$4,500.00	\$4,500.00	\$2,900.00	\$2,900.00	\$7,200.00	\$7,200.00	\$5,000.00	\$5,000.00	\$5,300.00	\$5,300.00
7	Channel Crossing	1 EA	\$25,000.00	\$25,000.00	\$16,700.00	\$16,700.00	\$40,000.00	\$40,000.00	\$30,000.00	\$30,000.00	\$15,000.00	\$15,000.00
8	Zone Valve Connection	1 EA	\$10,000.00	\$10,000.00	\$35,800.00	\$35,800.00	\$15,000.00	\$15,000.00	\$10,000.00	\$10,000.00	\$8,000.00	\$8,000.00
9	Air Release	1 EA	\$5,500.00	\$5,500.00	\$4,000.00	\$4,000.00	\$6,500.00	\$6,500.00	\$4,000.00	\$4,000.00	\$6,000.00	\$6,000.00
10	Sample Station	1 EA	\$1,500.00	\$1,500.00	\$3,000.00	\$3,000.00	\$6,500.00	\$6,500.00	\$4,000.00	\$4,000.00	\$5,000.00	\$5,000.00
11	Traffic Control	1 LS	\$4,540.00	\$4,540.00	\$26,600.00	\$26,600.00	\$12,000.00	\$12,000.00	\$8,000.00	\$8,000.00	\$7,000.00	\$7,000.00
12	Replace Valve	2 EA	\$2,000.00	\$0.00	\$7,000.00	\$14,000.00	\$15,000.00	\$30,000.00	\$1,500.00	\$3,000.00	\$6,200.00	\$12,400.00
			EE	\$624,000.00	LOW	\$729,730.00	2ND	\$889,800.00	3RD	\$954,900.00	4TH	\$1,016,500.00

# CRESCENTA VALLEY WATER DISTRICT

## BOARD OF DIRECTORS - STAFF REPORT

Action Item No. 2

October 17, 2017

To: Honorable President and Members of the Board of Directors

From: Brook Yared, M.S., P.E. – Associate Engineer

Subject: **Award of Contract - Procurement of SCADA Equipment for Chloramination Station at Williams Reservoir, Project E-733CS-4**

---

### **ACTION ITEM:**

**Award of Contract for the Procurement of SCADA Equipment for Chloramination Station at Williams Reservoir, Project E-733CS-4** – Consideration and motion to authorize the General Manager to award a contract for the procurement of SCADA equipment and programming to Tesco Controls, Inc. at a cost of \$30,920

### **BACKGROUND:**

In 2008, CVWD received a Proposition 50 Grant from the State of California to construct an emergency water supply interconnection with the Los Angeles Department of Water and Power (LADWP) and the Foothill Municipal Water District (FMWD). In an emergency, water from the interconnection would supply not only CVWD, but could be brought through CVWD's system to FMWD's system and ultimately provide water to the La Cañada Flintridge and Altadena areas. The project would provide a second source of water to the Crescenta Valley, La Cañada Flintridge, and the Altadena areas in case the main water supply from MWD is interrupted due to a disaster event or planned shutdown at MWD's Weymouth Plant. The Chloramination Station & Metering Vaults at Williams Reservoir project was separated into smaller phases using CVWD crews and specialty contractors to reduce the construction costs of the project.

The construction of the facilities is complete. On July 7, 2015 a contract was awarded to General Consolidated Constructors for the construction of the chloramination building at Williams Reservoir. The construction was completed in March of 2016. Treatment equipment provided by Cortech engineering was procured in September of 2016. Electrical wiring installation of all the equipment was completed in November of 2016. At this time, FMWD requested that additional work be done to improve emergency supply operations. This construction was completed in early July 2017.

Barring any additional change requests from FMWD, all equipment at Ocean View Reservoir has been installed with several tests having already been concluded.

The final step will be operational testing of the entire water supply interconnection between LADWP, CVWD and FMWD which should be in March 2018.

### **DISCUSSION:**

With construction being complete, Staff would like to move forward with incorporating all of the newly installed equipment into SCADA. Currently, SCADA equipment and PLC/RTU programming is provided by Tesco Controls, Inc. (Tesco). Staff prepared a RFQ for the SCADA equipment and programming which was sent out to Tesco on January 3, 2017.

Tesco's quote was returned on September 13, 2017, and includes programming the existing RTU to transmit water quality and flow data, Update all SCADA alarms and graphics, and field service for any additional wiring or calibration for a total cost of \$30,920. Staff anticipates all changes and updates to be completed by February 2018. The engineer's cost estimate for this portion of the project was \$50,000.



**RECOMMENDATION:**

It is staff's recommendation to award a contract to Tesco Controls, Inc. for the quote attached. Staff will contact Tesco to coordinate an agreement, insurance documents, and to start the shop drawing process, so as not to delay the project. This item was discussed with the Engineering Committee and the Committee approved the project.

**ENVIRONMENTAL REVIEW:**

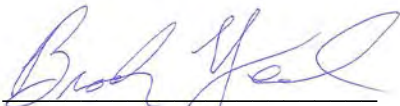
N/A

**FUNDING AVAILABILITY:**

The following table shows that there are sufficient funds available for the project:

<b>Account Description</b>	<b>Amount</b>
FY 17/18 Water CIP– Water Supply – Import Water	\$50,000
<b>Quote for SCADA Procurements</b>	<b>\$30,920</b>
<b>Amount Remaining in Water CIP – Water Supply – Import Water</b>	<b>\$19,080</b>

Prepared by:



Brook Yared, M.S., P.E.  
Associate Engineer

Submitted by:



David S. Gould, P.E.  
District Engineer

Attachments:

1. Tesco Control, Inc. quote dated 9/13/17

To: Crescenta Valley Water District

Quote Date: Sept. 13, 2017

Attn: Brook Yared

Quote No.: 171090Q01

Re: Williams Reservoir Chloramination Station RTU-6 PLC Modifications

Thank you for your interest in TESCO products, services, and solutions. We are pleased to quote the following scope of work pertaining to the above-referenced project. The scope includes PLC program modifications at RTU-6 to provide qty. of two valve open/close control with valve feedback status, flow rate status with total flow from each valve, qty. of two chemical storage tank levels, and chemical analyzer statuses. TESCO will perform required program modifications to include associated alarm setpoints and shall provide required SCADA tags for configuration to both CVWD and FMWD SCADA systems. FMWD SCADA Configuration & communication, by others.

TESCO understands that all required signals (signal wire or Ethernet) for RTU-6 shall be installed and brought into the panel by others for termination by TESCO.

Item	Qty	Description	Price
1	1	<b>Misc. Parts for RTU-6 PLC to Include:</b> <ul style="list-style-type: none"> <li>▪ LIQ5 I/O termination board</li> <li>▪ Ethernet switch</li> <li>▪ Misc. labels, fuses, etc.</li> </ul>	\$1,140.00
2	Lot	<b>Professional Services:</b> <ul style="list-style-type: none"> <li>▪ Engineering &amp; Project Management</li> <li>▪ PLC Programming – revised program description, configure setpoints, develop program O&amp;M</li> <li>▪ SCADA Configuration – modify RTU-6 graphics, configure statuses and alarms</li> <li>▪ Field Service – installation verification, wire termination, instrument calibrations, field testing, and startup</li> </ul>	\$29,780.00
<b>TOTAL FOR ITEMS 1 &amp; 2:</b>			<b>\$30,920.00</b>

### Project Clarifications

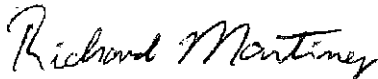
- Unless otherwise stated above, quote is to **furnish only** and does not include trade labor/electrical installation services or field wire terminations.
- Unless otherwise stated above, the following is **not** included within this quotation:
  - Conduit, field wire, tubing, or basic trade installation materials (brackets, screws, bolts, j-box, stanchions, pull-box, etc.)
  - Instrumentation mounting components, brackets, stanchions, sunshields, etc.
  - Local control stations and/or field mounted disconnects.
  - Instrumentation, devices, components, or equipment not defined by the above quotation.
  - Fiber optic patch panels, cable, splicing or terminations.
  - Networking infrastructure or architecture modifications to existing facilities.
  - Any 3<sup>rd</sup> party independent testing, harmonic testing/analysis, power coordination study, or Arc-Flash Hazard Analysis (AFHA) study.
  - Allen Bradley PLC programming.
  - Interconnection or loop diagrams for equipment not furnished by TESCO.

## Terms and Conditions

- Quote is firm for 30 days unless otherwise stated.
- Submittals: a Submittal Schedule will be provided approximately **2-4** weeks after receipt of purchase order, written notice of intent, or notice to proceed.
- Delivery: to be scheduled approximately **8-10** weeks minimum after submittal approval.
- Price does include applicable sales tax, use tax, & applicable fees.
- TESCO price is FOB factory, full freight allowed.
- TESCO warranties against defect in design workmanship and materials for a period of one year from date of installation, and does not exceed 18 months from the date of shipment from the factory.
- TESCO carries liability insurance, with full workman's compensation coverage.
- Terms are net 30 days on approved credit accounts.
- Interest will be applied to all past due invoices.
- All merchandise sold is subject to lien laws.
- Final retention to be paid within 10 days after the project notice of completion.

Please feel free to contact us at (916) 395-8800 to discuss any questions or comments you may have regarding this quotation.

Sincerely,



**Richard Martinez**

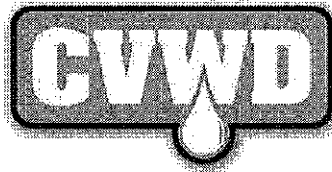
Technical Sales

TESCO Controls, Inc.

(916) 395-8800

(916) 730-9936 – Mobile

rmartinez@tescocontrols.com



**Request for Quote  
PROJECT E-733CS Williams Reservoir Chloramination Station  
RTU-6 and PLC Programming Modifications**

Item No.	Approximate Quantity	Description	Unit Price	Total
1	Lump Sum	Write program changes to the RTU-6	\$	\$
2	Lump Sum	Install program changes on RTU-6	\$	\$
<del>3</del>	<del>Lump Sum</del>	<del>Allen Bradley PLC programming</del>	<del>\$</del>	<del>\$</del>
4	Lump Sum	Provide and Install parallel analog inputs for FMWD to RTU send to their SCADA	\$	\$
5	Lump Sum	SCADA interface and alarm update	\$	\$
6	Lump Sum	Start up and testing	\$	\$
7	Lump Sum	Provide new process and instrumentation diagram and summary of changes for all wiring and programming adjustments	\$	\$

**TOTAL PRICE IN WRITTEN WORDS (ITEMS 1-7)**

THIRTY THOUSAND, NINE HUNDRED Dollars  
TWENTY DOLLARS & ZERO CENTS and Cents \$ 30,920.<sup>00</sup>

Contractor's Name TESCO CONTROLS, INC.

Contractors Address 8440 FLORIN ROAD  
SACRAMENTO, CA 95828

Contractors Telephone No. (916) 395-8800

Contractors License No. 458072 (C-10)

9-13-17  
Date

Rich Martz  
Authorized Signature

# CRESCENTA VALLEY WATER DISTRICT

## BOARD OF DIRECTORS - STAFF REPORT

Action Item No. 3

October 17, 2017

**To:** Honorable President and Members of the Board of Directors  
**From:** David S. Gould, P.E. – District Engineer  
**Subject:** **Amendment No. 2 for Slope and Landscaping Restoration Services for the Lower Pickens Canyon Pipeline Crossing Repair, Project E-957**

---

### **ACTION ITEM:**

**Lower Pickens Canyon Pipeline Crossing Repair, Project E-957** – Recommendation to amend the existing professional service agreement with AMEC Foster Wheeler (AMEC) to provide slope and landscaping restoration services related to the Lower Pickens Canyon pipeline repair project at a total cost of \$18,000.

### **BACKGROUND:**

In May 2017, E & R Construction completed construction of the 8-inch Water Transmission Main for the Lower Pickens Canyon Crossing. The final phase will be to install landscaping and groundcover to prevent erosion and to re-establish the native plants removed during construction on the existing slope.

### **DISCUSSION:**

Staff met with AMEC to prepare a scope of work and determine the limits of the slope restoration. The timing of the project is to coincide with the fall/winter planting season. A key element of the project will be to provide a temporary irrigation system to help establish the plants during the first year of growth.

AMEC will provide the labor, material and equipment to spread a native seed mixture with top soil over the existing turf reinforcement mat, install native plants at various locations on the slope and install a temporary irrigation system. CVWD crews will install a temporary water meter service for use during the project.

In addition, the scope of work included monitoring of the health of the plants during the next two years. AMEC will monitor the first year growing period with quarterly monitoring site visits and tri-annually site visits during the second year period to ensure the native plants get established. The proposal provided by AMEC to perform the work described and as shown on the attached is \$34,100.

### **RECOMMENDATION:**

It is staff's recommendation to amend the existing professional service agreement with AMEC to provide slope and landscaping restoration services. The existing contract with AMEC for design and inspection services has a remaining balance of \$17,396 and an additional \$18,000 will bring the revised contract amount to \$35,396, which is more than the \$34,100 proposal. Therefore, staff is requesting that AMEC's contract be amended for an additional \$18,000. This item was discussed with the Engineering Committee and the Committee approved the project.

### **ENVIRONMENTAL REVIEW:**

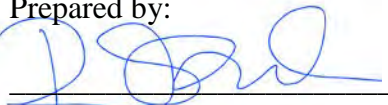
N/A

**FUNDING AVAILABILITY:**

There are sufficient funds available for the project as shown in the table below:

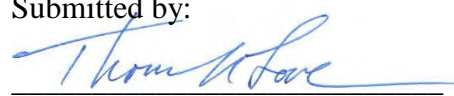
<b>Account Description</b>	<b>Amount</b>
FY 17/18 Water CIP– Water Distribution – Lower Pickens Canyon Pipeline	\$60,000
Original Contract 16-05 - Design & Permitting	<\$20,500>
Amendment No. 1 – Inspection Services	<\$22,685>
Request for Amendment No. 2 for Slope and Landscaping Restoration Services	<\$18,000>
<b>Total Revised Contract</b>	<b>&lt;\$61,185&gt;</b>
<b>Slope And Landscaping Restoration Services - AMEC</b>	<b>\$34,100</b>
<i>Amount remaining in Contract 16-05 as of 10/1/17</i>	<\$17,396>
<i>Request for Amendment No. 2 for Slope and Landscaping Restoration Services</i>	<\$18,000>
<b>Revised Amount Remaining Contract for Additional Services - AMEC</b>	<b>&lt;\$35,396&gt;</b>
Estimated Amount Remaining	\$1,296
FY 17/18 Water CIP– Water Distribution – Lower Pickens Canyon Pipeline	\$60,000
<b>Amount Requested</b>	<b>&lt;\$35,396&gt;</b>
Amount Remaining – Lower Pickens Canyon Pipeline	\$24,604

Prepared by:



David S. Gould, P.E.  
 District Engineer

Submitted by:



Thomas A. Love  
 General Manager

Attachments:

1. AMEC Proposal dated October 10, 2017

g:\management\board meeting staff reports\2017\10-17-17 board memo - e-957 pickens canyon landscape ac.docx



October 10, 2017  
Project 92310080

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

**SUBJECT: Proposal to Provide Slope Repair Restoration Services for Pickens Canyon Slope Repair**

Dear David:

Per your request, Amec Foster Wheeler Environment & Infrastructure (Amec Foster Wheeler) is pleased to provide this letter proposal which includes our scope of services and estimated costs to provide slope repair restoration, maintenance, and monitoring for two years from initial restoration implementation. Our proposed scope of services would be performed in-house with Amec Foster Wheeler as the restoration contractor.

**1.0 PROJECT UNDERSTANDING**

Amec Foster Wheeler understands that Crescenta Valley Water District is requesting a proposal to complete the restoration task on a stabilized slope repair located in Pickens Canyon at residential address 5481 Ocean View Blvd. Tasks should follow the restoration plan and adhere to stated application rates, amounts, and success criteria. The project site is located on a steep slope west of the residence and consists of an area measuring approximately 85 x 60 feet, or roughly 5,100 square feet (0.12 acre). It is our understanding that the original regulatory permits are still current and will not require any modifications or amendments. A restoration plan has been prepared.

**2.0 PROPOSED SCOPE OF SERVICES**

Based on the restoration plan, Amec Foster Wheeler proposes to facilitate and perform 5 tasks, as described below.

**2.1 Task 1 – Site Preparation**

Amec Foster Wheeler will place one to two inches (approximately 15 cubic yards) of soil on top of the existing turf reinforcement mat. The topsoil should be weed free and should have similar characteristics to the repair site's surrounding soils. Prior to application of the additional topsoil,

P:\9231.000.0\9231.008.0\Docs\Proposal letters\Crescenta Restoration Plan\_Cost\_Final\_10-10-17.doc

Amec Foster Wheeler Environment & Infrastructure, Inc.  
121 Innovation Drive, Suite 200  
Irvine, CA  
USA 92617-3094  
Tel (949) 642-0245  
Fax (949) 642-4474  
www.amecfw.com



approximately 30 percent of the native seed mix will be broadcasted directly on top of the turf reinforcement mat. The topsoil will then be applied over the seed and spread out so that it covers the entire site to a depth of one to two inches. Topsoil will need to be applied using a blower truck and long reach hose or similar equipment. If necessary, the topsoil will be spread over the site with the use of landscape rakes to achieve the desired contour and depth.

## **2.2 Task 2 – Seeding and Planting**

Two native seed mixes will be applied to the restoration site, as per the restoration plan. The seed mixes include quick starting grasses for initial soil protection and slower growing perennials that will provide permanent cover and soil stabilization. Seed mixes will be applied by hand and broadcasted with a belly grinder type spreader, ensuring that seed is spread evenly throughout the entire site. As mentioned above in the Site Preparation section, approximately 30 percent of the seed mixes will be applied directly on top of the turf reinforcement mat before the addition of topsoil. The remainder of the seed mixes (approximately 70 percent) will be broadcasted on top of the added topsoil and then raked in lightly.

Thirty native container plants will be installed on the site. Container plants will be acquired from a qualified nursery that specializes in native plants. The plants will be inspected to be certain plants are healthy and vigorous. Plants that are dead, root-bound, stunted, pest-infested, diseased, or unacceptable for other reasons will be rejected. Plant distribution, spacing, and layout will be determined on site according to site conditions.

Container plants will be installed following standard planting procedures for native plants. This includes digging a hole approximately twice the size (width and depth) of the plant rootball. The hole is then filled with water and allowed to drain. Plants are then positioned so that the surface of the soil in the container is at ground level or slightly above, with backfill from the excavation of the hole added carefully beneath and around the installed plant's rootball. The soil is then firmly tamped in around the plant. A small berm of two to three inches high should surround the edge of the planting hole to hold water. The plant should be watered in thoroughly immediately following installation.

## **2.3 Task 3 – Irrigation**

A temporary irrigation system will be installed to provide supplemental irrigation to seeds and container plants during the two year establishment phase. The temporary system will be connected to the adjacent residence with a battery operated backflow anti-siphon valve. A one-inch pipe will serve as the main line and two lateral lines will be located on either side of the site. The lateral lines will have three to four heads on each side spaced out so that all parts of the site receive water. Each container plant will also receive water from two one-half gallon-per-hour drip emitters. The system will also be equipped with a rain sensor that automatically shuts the system off when it rains.



It is expected that the temporary irrigation system will be used during the first two years of growth to help with the establishment of the seeds and plantings. Irrigation will begin in early fall 2017 following seed and plant installation and continue every week until the season's first rain. After that, irrigation will occur once every two weeks through the winter and spring months, as needed, during periods of no rain. Irrigation will continue once every two weeks through the summer and fall months until the rainy season begins. This irrigation schedule will be repeated through the following winter, spring, and summer months. Irrigation volume will be gradually reduced over time to acclimate plants to a non-irrigated condition prior to complete cessation of irrigation.

#### **2.4 Task 4 – Maintenance**

Maintenance activities will include inspection of plant health, exotic species (weeds) control, and inspection/repair of the irrigation system. Weed control will be necessary to reduce weed competition with native species during the establishment period. Weeds will be controlled by hand removal, mechanical cutters, or herbicide applications. Weed control will be conducted by personnel familiar with and trained in native habitats that can distinguish weeds from native species. Herbicide applications will be made by certified or licensed applicators who are trained and experienced in maintenance of native habitats.

Site maintenance will occur four times during the first year following installation and three times during the second year.

#### **2.5 Task 5 – Monitoring**

Monitoring of the site will include qualitative and quantitative monitoring. Qualitative monitoring will occur during maintenance visits and will consist of assessing the site for plant health and vigor and identification of any issues that need to be addressed.

Quantitative monitoring will occur during the first late spring/early summer following installation (year one) and then again the following late spring/early summer (year two). Quantitative monitoring will consist of container plant survival counts and collection of data along two point-intercept transects. Two 20-meter transects will be established at the site before or during the first quantitative monitoring effort. The ends of each transect should be clearly marked on site and/or recorded on a global positioning system (GPS) so that they can be located during the year two monitoring effort. Data will be collected at 0.5-meter intervals along the two transects and will be used to determine percent cover of native and non-native species.

The following success criteria will be used to assess the progress of the revegetation effort:

- At least 80 percent survival of container plants for years one and two
- At least 40 percent native cover the first year
- At least 60 percent native cover the second year



Progress memos will occur after each site visit, and Monitoring Memos will occur after quantitative monitoring events.

### 3.0 SCHEDULE

Amec Foster Wheeler is prepared to initiate the scope of services described above within five working days of receiving written authorization from Crescenta Valley Water District to proceed. This schedule may be affected by periods of inclement weather.

### 4.0 ESTIMATED COSTS

Our estimated costs are provided by task in Table 1 below. Total cost to perform Tasks No.1 would be **\$8,100.00**. Total cost to perform Task 2 would be **\$4,200.00**. Total cost to perform Task 3 would be **\$6,000.00**. Total cost to perform Task 4 would be **\$11,600.00**. Total cost to perform Task 5 would be **\$4,200.00**. Total cost to complete Tasks 1 through 5 would be **\$34,100.00**. Our services would be performed under our existing contract with CVWD for Pickens Canyon work. The work will be performed on a time-and-materials basis with a not-to-exceed amount of \$34,100. If it appears that costs may exceed this amount, we will notify CVWD as soon as possible and before the authorized amount is exceeded.

### CLOSURE

We appreciate the opportunity to provide this scope and cost estimate. Please contact me at 949-574-7093 or Clayton Kraft at 619-723-5885 if you have questions or need more information regarding this scope and cost estimate.

Sincerely,  
Amec Foster Wheeler Environment & Infrastructure, Inc.

A handwritten signature in black ink that reads "W. Greg Hamer".

W. Greg Hamer  
Principal Hydrogeologist  
Direct Tel: (949) 642-0245  
E-mail: [greg.hamer@amecfw.com](mailto:greg.hamer@amecfw.com)



**TABLE 1**  
**Estimated Costs (By Task)**

<b>TASK NO.</b>	<b>TASK DESCRIPTION</b>	<b>COST(\$)</b>
Task 1	Site Preparation	\$8,100.00
Task 2	Seeding and Planting	\$4,200.00
Task 3	Irrigation	\$6,000.00
Task 4	Maintenance	\$11,600.00
Task 5	Monitoring	\$4,200.00
<b>TOTAL</b>		<b>\$34,100.00</b>

# MWD Approves California WaterFix

By Mary O'KEEFE – CV Weekly October 12, 2017

At the Metropolitan Water District meeting on Tuesday the board voted to approve the California WaterFix.

"About 30% of the water that flows out of taps in Southern California comes from northern California via the Sacramento-San Joaquin Delta. The Delta's delivery system, however, is badly outdated, a problem compounded both by a declining ecosystem that is harmful to fish and a 1,100-mile levee system that is increasingly vulnerable to earthquakes, flooding, saltwater intrusion, climate change and environmental degradation," according to a statement from MWD.

According to supporters of the proposal, California WaterFix would modernize the northern Delta system with two tunnels that will carry water to the existing system in the southern Delta.

Those who spoke at Tuesday's meeting voiced concern about the environmental impact calling this project a "Band-Aid" for California water issues. Some felt the funds for the project would be better spent in areas like updating local water systems and recycling programs.

But in the end, the board voted to support the state/federal project. The issue has been studied and debated for over a decade.

"This [vote] is not intended to be symbolic support; it is an action support," said Jeffrey Kightlinger, general manager for MWD.

There were concerns from speakers and some board members about the \$17 billion price tag for the twin tunnels project in Sacramento-San Joaquin Delta. Of that amount, MWD is required to cover 25.9%, or \$4.3 billion. That is the largest contribution from all water agency boards and will be paid by customers.

Many who spoke against the project were concerned about the increase in water rates that residents will experience, citing that many in low-income housing have budgets that are already strained with ever-increasing rents. The cost has been estimated from a \$5 per month increase for those with large properties to 89 cents for those with smaller homes.

"The estimate that was given to us was between \$1.90 to \$3 [a month] increase in [water rates]," said Christy Scott, spokeswoman for Crescenta Valley Water District.

"Every generation of Southern Californians has to reinvest in our water system to ensure a reliable water future. Today marks one of those historic votes that reaffirms that commitment and vision," stated Metropolitan Board Chairman Randy Record. "We simply must modernize and improve the reliability of our imported supplies as well as meet the needs of growth by developing more local supplies and extending conservation."

*Lagerlof Senecal  
Gosney & Kruse  
LLP*

RECEIVED  
OCT 10 2017  
CRESCENTA VALLEY  
WATER DISTRICT

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

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

MEMORANDUM

**To:** Los Angeles County Independent Special Districts  
**From:** William F. Kruse, Special Counsel  
**Date:** October 6, 2017  
**Subject:** Nomination of Candidate; LAFCO Representative and Alternate

As you know, since 1994 special districts in Los Angeles County have been represented by two members of the Local Agency Formation Commission. The term of office of one of those representatives, E.G. "Jerry" Gladbach, expires in May 2018 and the term of Alternate, Joseph T. Ruzicka, also expires in May 2018. On behalf of the special districts of Los Angeles County, LAFCO has appointed us to assist in conducting the election to fill this position.

By law, independent special district seats on LAFCO are filled by the Special District Selection Committee. That Committee is made up of the presiding officers of each independent special district in Los Angeles County.

In order to expedite the process of electing a representative, I have included a form to be used to nominate candidates for consideration for both positions. After nominations are received, each district will receive a complete package of nominee resumes, together with a ballot for consideration by the presiding officer of your board. Voting will be conducted by mailed ballot.

Nominations for the Committee's consideration are welcome. Please provide as much relevant information about the candidate as reasonably possible. Any biographical information and/or candidate statement should be **limited to one page**. Please remember that, to be eligible, the nominee must be an elected official or appointed to your board for a fixed term. Nominations must be received in the office of Lagerlof, Senecal, Gosney & Kruse, **ATTN: WILLIAM F. KRUSE**, no later than **5:00 p.m. on December 21, 2017**.

Please feel free to contact me directly with any questions.  
Voice: (626) 793-9400  
Fax: (626) 793-5900

NOMINATION  
OF  
INDEPENDENT SPECIAL DISTRICT **REPRESENTATIVE**  
TO THE  
LOS ANGELES COUNTY LOCAL AGENCY FORMATION COMMISSION

To: Independent Special District Selection Committee

From: \_\_\_\_\_

Date: \_\_\_\_\_

Name of Candidate: \_\_\_\_\_

\_\_\_\_\_ is pleased to nominate  
\_\_\_\_\_ as a candidate for appointment as special  
district **REPRESENTATIVE** to the Los Angeles Local Agency Formation Commission. The  
nominee is an elected official or a member of the board of an independent special district appointed  
for a fixed term. For your consideration, we submit the following additional information together  
with a resume of the candidate's qualifications.

Elective office: \_\_\_\_\_

Agency: \_\_\_\_\_

Type of Agency: \_\_\_\_\_

Term Expires: \_\_\_\_\_

Residence Address: \_\_\_\_\_

Telephone: \_\_\_\_\_

PLEASE ATTACH RESUME OR CANDIDATE STATEMENT (limit one page)

\_\_\_\_\_  
(Name of Agency)

By: \_\_\_\_\_

Its: \_\_\_\_\_



NOMINATION  
OF  
INDEPENDENT SPECIAL DISTRICT REPRESENTATIVE **(ALTERNATE)**  
TO THE  
LOS ANGELES COUNTY LOCAL AGENCY FORMATION COMMISSION

To: Independent Special District Selection Committee

From: \_\_\_\_\_

Date: \_\_\_\_\_

Name of Candidate: \_\_\_\_\_

\_\_\_\_\_ is pleased to nominate  
\_\_\_\_\_ as a candidate for appointment as  
**ALTERNATE** special district representative to the Los Angeles Local Agency Formation  
Commission. The nominee is an elected official or a member of the board of an independent special  
district appointed for a fixed term. For your consideration, we submit the following additional  
information together with a resume of the candidate's qualifications.

Elective office: \_\_\_\_\_

Agency: \_\_\_\_\_

Type of Agency: \_\_\_\_\_

Term Expires: \_\_\_\_\_

Residence Address: \_\_\_\_\_

Telephone: \_\_\_\_\_

(please attach resume - one page only)

\_\_\_\_\_  
(Name of Agency)

By: \_\_\_\_\_  
Its: \_\_\_\_\_

# CRESCENTA VALLEY WATER DISTRICT

## General Manager Report

GM Report

October 17, 2017

**To:** Honorable President and Members of the Board of Directors

**From:** Thomas A. Love, General Manager

**Subject:** **General Manager Report**

---

September General Managers Report Topics:

- Staffing
- GM Activities
- Finance
- Engineering and Operations

The following are some highlights in this month's report:

- July, August, September water production same as prior year
- Significant increase in well production following Well 5 rehabilitation
- 3- 1/3 years without a lost time accident

Submitted by:



---

Thomas A. Love  
General Manager



## **STAFFING**

The District currently has 36 staff positions, of these 32 are filled. The 4 vacant positions will remain unfilled for the foreseeable future. In addition, two employees are on extended leave, two temporary employees are being used to fill these two positions. On August 25<sup>th</sup> David Inman, was moved from temporary status to a regular full time employee filling a vacant Utility Worker I position.

Two employees have work anniversaries in October. Jaysen Ortega – 4 years and Jim Halaszynski – 20 years.

As of October 13<sup>th</sup> the District has gone 1,221 Days (3 years, 4 months, 3 days) without a lost time accident.

## **GENERAL MANAGER ACTIVITIES**

### Meetings:

Management staff meetings	- September 11 <sup>th</sup> , 18 <sup>th</sup> and October 2 <sup>nd</sup> and 9 <sup>th</sup>
FMWD managers meeting	- September 20 <sup>th</sup> and October 12 <sup>th</sup>
Crescenta Valley Town Council	- September 21 <sup>st</sup>
Descanso Gardens Water Festival	- September 23 <sup>rd</sup>
CERT presentation	- October 7 <sup>th</sup>

## **FINANCE**

### Investment Report

Since August 10<sup>th</sup> a Federal Farm Credit note was sold and another has matured with yields of 1.84% and 0.71% respectively. A new US Treasury note has been purchased with a yield of 1.84%. The investment portfolio summary is attached.

**CRESCENTA VALLEY WATER DISTRICT  
INVESTMENT PORTFOLIO SUMMARY  
October 13, 2017**

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
<b>GENERAL FUNDS</b>										
GENERAL FUND-SWEEP ACCOUNT	0631-525246		\$ 710,949	\$ 710,949	4.65%	\$ 710,949	none	n/a	\$ 87	0.09%
GREAT PACIFIC SECURITIES	GPC-804452		\$ 509,941	\$ 509,941	3.34%	\$ 509,941	none	n/a	\$ -	0.41%
BOND DEBT SERVICE FUND	6948-331525		\$ 327,801	\$ 327,801	2.14%	\$ 327,801	none	n/a	\$ 19	0.06%
LOCAL AGENCY INVESTMENT FUND	90-19-007		\$ 1,308,151	\$ 1,308,151	8.56%	\$ 1,308,151	none	n/a	\$ 3,000	0.92%
FEDERAL FARM CREDIT (83) (matured)	3133EAY28	10/9/2012	\$ -	\$ -	0.00%	\$ -	9/21/2017	n/a	\$ 1,055	0.71%
FEDERAL FARM CREDIT (101)	31331VY26	6/14/2016	\$ 1,000,000	\$ 1,211,530	7.93%	\$ 1,140,540	8/16/2021	n/a	\$ 14,014	1.26%
FEDERAL FARM CREDIT (103)	31331VQG4	8/2/2016	\$ 1,000,000	\$ 1,287,830	8.43%	\$ 1,212,390	2/6/2026	n/a	\$ 13,249	1.88%
US TREASURY (107) NEW	9128282W9	9/29/2017	\$ 1,000,000	\$ 995,742	6.52%	\$ 995,742	9/30/2022	n/a	\$ -	1.84%
			<b>\$ 5,856,842</b>	<b>\$ 6,351,944</b>		<b>\$ 6,205,514</b>			<b>\$ 31,424</b>	
<b>CONSTRUCTION FUNDS</b>										
COPS RESERVE FUND	108614000		\$ 617,211	\$ 617,211	4.04%	\$ 617,211	none	n/a	\$ -	0.06%
			<b>\$ 617,211</b>	<b>\$ 617,211</b>		<b>\$ 617,211</b>			<b>\$ -</b>	
<b>MTBE CONTINGENCY FUNDS</b>										
LOCAL AGENCY INVESTMENT FUND	90-19-007		\$ -	\$ -	0.00%	\$ -	none	n/a	\$ -	0.92%
GREAT PACIFIC SECURITIES	GPC-003670		\$ 142,243	\$ 142,243	0.93%	\$ 142,243	none	n/a	\$ -	0.41%
FEDERAL FARM CREDIT (M-48)	3133ED4U3	5/11/2016	\$ 500,000	\$ 518,915	3.40%	\$ 506,160	10/11/2019	n/a	\$ 2,707	0.99%
FEDERAL FARM CREDIT (M-49)	3133EA5N4	5/11/2016	\$ 1,250,000	\$ 1,260,763	8.31%	\$ 1,244,762	10/22/2019	n/a	\$ 3,981	0.99%
US TREASURY (M-53)	912828R36	7/12/2016	\$ 1,000,000	\$ 1,013,212	6.68%	\$ 963,670	5/15/2026	n/a	\$ 4,140	1.48%
US TREASURY (M-54)	912828S76	8/5/2016	\$ 1,000,000	\$ 1,002,175	6.56%	\$ 982,310	7/31/2021	n/a	\$ 2,866	1.08%
US TREASURY (M-55)	912828R36	8/25/2016	\$ 1,000,000	\$ 1,004,930	6.58%	\$ 963,670	5/15/2026	n/a	\$ 4,140	1.57%
US TREASURY (M-56)	912828R36	10/4/2016	\$ 1,000,000	\$ 997,540	6.53%	\$ 963,670	5/15/2026	n/a	\$ 4,204	1.65%
FEDERAL FARM CREDIT (M-57)	3133EGWX9	10/5/2016	\$ 1,000,000	\$ 987,148	6.46%	\$ 952,180	4/6/2026	n/a	\$ 4,637	1.96%
FEDERAL FARM CREDIT (M-58)	31331VWN2	11/9/2016	\$ 1,000,000	\$ 1,266,700	8.29%	\$ 1,232,800	4/13/2026	n/a	\$ 13,759	2.24%
			<b>\$ 7,892,243</b>	<b>\$ 8,193,626</b>		<b>\$ 7,951,465</b>			<b>\$ 40,436</b>	
<b>TOTAL INVESTMENTS</b>			\$ 14,366,297	\$ 15,162,781		\$ 14,774,191			\$ 71,860	
CASH- PAYROLL ACCOUNT	0948-024724		\$ 120,828	\$ 120,828	0.79%	\$ 120,828				
<b>TOTAL CASH AND INVESTMENTS</b>			<b>\$ 14,487,125</b>	<b>\$ 15,283,609</b>	<b>100%</b>	<b>\$ 14,895,019</b>			<b>\$ 71,860</b>	<b>1.08%</b>
						<b>\$ (388,590)</b>	***Unrealized Gain/(Loss) on Investments			

Yield on investments including LAIF but not cash accounts	1.36%
Yield on investments not including LAIF or cash accounts	1.44%

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. 734 adopted on December 6, 2016. As Treasurer of the Crescenta Valley Water District, I, Ron L. Mitchell hereby certify that sufficient investment liquidity and anticipated revenues are available to meet one year of estimated expenditures for the operations of Crescenta Valley Water District.

\*Value at investment maturity date.

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

	June 30, 2017	May 31, 2017	April 30, 2017
Water	\$ 9,273,362.94	\$ 9,731,338.12	\$ 10,154,604.65
Wastewater	\$ 5,350,379.04	\$ 5,110,769.58	\$ 5,269,552.99
	<u>\$ 14,623,741.98</u>	<u>\$ 14,842,107.70</u>	<u>\$ 15,424,157.64</u>

October 13, 2017

Ron L. Mitchell, Secretary-Treasurer, CVWD

Date

# Engineering and Operations

October 17, 2017  
Staff Report

**To:** Thomas A. Love – General Manager  
**From:** David S. Gould, P.E. – District Engineer  
**Subject:** **Engineering & Operations – September/October 2017**

---

## 1. Water Production Report

- September 1 – 30 – Water production – 37%/63% split – 117.6 MG for the time period
- Average use – 2.0% greater than 2016 and 8.6% less than 5-yr average
- October 1 – 13 - Water production – 51%/49% split – 46.6 MG for the time period
- Average use – 9.1% less than 2016 and 14.2% less than 5-yr average

## 2. Rainfall Update

- 0.20" for September 2017
- Rainfall Total for Rainfall Year 2016/17 – 24.96”
  - Year-end – 10% greater than Annual Average of 22.66”

## 3. Report on Engineering

- CIP Projects
  - Ocean View Chloramination Project
    - SCADA – Award Contract – See staff report
    - Met with DDW on water quality requirements to amend permit
    - Setting up operational testing procedures
    - Agreements – Working with FMWD & LADWP
  - Pipeline Project - 2700, 3000 & 3100 Blocks of Brookhill
    - See staff report
  - Pickens Canyon Crossing – Landscape Plan
    - See staff report
  - Well 10 Rehabilitation
    - See staff report
  - Oak Creek #1 & #2 Reservoir Rehabilitation
    - Pre-Construction – 10/11/17
    - Mobilize on site – 11/6/17
  - Sewer Lift Station – Emergency Electrical Generator
    - Project out to bid
- Nitrate Removal Treatment Facility at Well 2 Project
  - Construction team meeting – 10/6/17
  - Pre-Construction meeting – 11/1/17
  - Mobilize on site – 11/6/17
- Crescenta Valley County Park Stormwater Recharge Facility Study
  - No Report
- ULARA
  - Finalizing Cost Sharing Agreement
- Grant Program
  - No Report

- **Leak Detection Survey**
  - South half of District (above Foothill) – Complete
  - Leaks found totaled 35.2 gpm; crews repairing leaks
- **Water Meter Replacement Program**
  - FY 17/18 –Starting 10/2/17
  - Replaced 93 meters to date

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

- **Wells - Status**
  - Well production capacity – average was 1.45 MGD for September 2017
  - Well 5 put back into service on 9/28/17
  - Well production increased by 30% to 1.90 MGD in October 2017

5. **Field Maintenance & Operations – September 20 - October 13, 2017**

- **Water Lateral Leaks & Repairs**

2409 Orange	2549 Orange	2518 Orange
2834 Sanborn	2523 Mayfield	5140 Cloud
4357 Rosemont	3100 Markridge	2532 Rockdell
2833 Adams		

- **Water Main Leaks**

- No Report

- **Fire Hydrant Repair**

- No Report

- **Developer Job**

- No Report

- **Booster Pump Maintenance**

- No Report

- **Reservoir Maintenance**

- No Report

- **Sewer Maintenance – September/October 2017**

2600, 2700 & 2800 Blocks of Prospect	2700 & 2800 Blocks of Fairmount	2700 Block of Sanborn
4500 Block of Raymond	2700Block of Foothill	4100 Block of Pennsylvania
3000 & 3100 Blocks of Montrose	4100 Block of Ramsdell	Lift Station Maintenance
2600 & 2700 Blocks of Altura	4300 & 4440 Blocks of Rockland	

# CRESCENTA VALLEY WATER DISTRICT

## WATER PRODUCTION REPORT

September 1 - September 30, 2017

<b>Well Production:</b>	34,378,230	Gals			
<b>GWP Production:</b>	9,484,000	Gals			
<b>Gravity Production:</b>	1,380,100	Gals	% GW	37%	
<b>Purchased Water:</b>					
FMWD:	73,740,500	Gals			
City of Glendale:	0	Gals	% Import	63%	
<b>TOTAL:</b>	117,602,730	Gals			
	360.91	ac-ft			
Glenwood Nitrate Water					
Reclamation Plant:*	1,000		*Included in Well Production		

### WATER DEMAND COMPARISON

Time Period	Average Daily Usage (gals)	Current Period Change
September 1, 2017 - September 30, 2017	4,010,794	
September 1, 2016 - September 30, 2016	3,933,084	2.0%
5-yr Average - September 2012 - 2016	4,390,557	-8.6%

RAINFALL: September 1 - September 30, 2017 0.20"

Season-To-Date: 24.96"

2017/18 Fiscal Year Water Production			Groundwater Production Water Rights		GWP (Well 16) Water Production		Purchased Water Production Tier 2 Allocation	
Month	Actual Total Water Production (ac-ft)	Projected Total Water Production (ac-ft)	Month	Month	Month	Well Production (ac-ft)	Month	Imported Water Production (ac-ft)
July	394	390	October	123	January	31	January	102
August	382	395	November	120	February	27	February	82
September	361	385	December	100	March	29	March	141
October		365	January	112	April	28	April	195
November		330	February	95	May	29	May	218
December		290	March	108	June	28	June	217
January		260	April	107	July	29	July	235
February		260	May	100	August	31	August	239
March		295	June	122	September	29	September	226
April		325	July	130	October		October	
May		365	August	112	November		November	
June		390	September	106	December		December	
Total to Date	1,137	1,170	Total to Date	1,335	Total to Date	262	Total to Date	1,656
Projected	4,017	4,050	Water Rights	3,294			Tier 2	2,154
% of Projected	28.1%	28.9%	% of Rights	41%			% of Allocation	77%
Remaining	2,913	2,880	Remaining	1,959			Remaining	498

**NOTE:**

1) Blue Numbers = Estimated Water Production

# CRESCENTA VALLEY WATER DISTRICT

## WATER PRODUCTION REPORT

October 1 - October 13, 2017

<b>Well Production:</b>	19,211,506	Gals		
<b>GWP Production:</b>	3,968,972	Gals		
<b>Gravity Production:</b>	487,086	Gals	% GW	51%
<b>Purchased Water:</b>				
FMWD:	22,908,732	Gals		
City of Glendale:	0	Gals	% Import	49%
<b>TOTAL:</b>	46,576,295	Gals		
	142.94	ac-ft		
Glenwood Nitrate Water				
Reclamation Plant:*	1,360,877		*Included in Well Production	

### WATER DEMAND COMPARISON

Time Period	Average Daily Usage (gals)	Current Period Change
October 1, 2017 - October 13, 2017	3,582,792	
October 1, 2016 - October 13, 2016	3,941,812	-9.1%
5-yr Average - October 2012 - 2016	4,177,843	-14.2%

RAINFALL: October 1 - October 13, 2017

0.00"

Season-To-Date:

0.00"

2017/18 Fiscal Year Water Production			Groundwater Production Water Rights		GWP (Well 16) Water Production		Purchased Water Production Tier 2 Allocation	
Month	Actual Total Water Production (ac-ft)	Projected Total Water Production (ac-ft)	Month	Month	Month	Well Production (ac-ft)	Month	Imported Water Production (ac-ft)
July	394	390	October	140	January	31	January	102
August	382	395	November		February	27	February	82
September	361	385	December		March	29	March	141
October	327	365	January		April	28	April	195
November		330	February		May	29	May	218
December		290	March		June	28	June	217
January		260	April		July	29	July	235
February		260	May		August	30	August	247
March		295	June		September	29	September	226
April		325	July		October	26	October	161
May		365	August		November		November	
June		390	September		December		December	
Total to Date	1,464	1,535	Total to Date	140	Total to Date	287	Total to Date	1,825
Projected	3,979	4,050	Water Rights	3,294			Tier 2	2,154
% of Projected	36.1%	37.9%	% of Rights	4%			% of Allocation	85%
Remaining	2,586	2,515	Remaining	3,154			Remaining	330

**NOTE:**

1) Blue Numbers = Estimated Water Production

# Monthly Rainfall - 1970/71 - 2016/17 (Oct.- Sept.)

