CRESCENTA VALLEY WATER DISTRICT

2700 Foothill Boulevard
La Crescenta, California

Agenda for the
Adjourned Regular Meeting of the Board of Directors
of the Crescenta Valley Water District
to be held on Tuesday, April 21, 2015 at 7:00 p.m.

Posted: April 17, 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.

Special Presentation – Presentation of insurance premium refund check from ACWA/JPIA by Executive Committee Chairman Mr. E.”Jerry” Gladbach.

Foothill Municipal Water District Report

1. Report on activities at Foothill Municipal Water District.

Consent Calendar

1. Consideration and approval of Minutes of the Regular Meeting on April 7, 2015.
2. Ratification of Disbursements for March 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. **Request for District to Participate in Earth Day Event** – Consideration and motion of a request by the Crescenta Valley Town Council for the District to participate in the Earth Day event.
2. **Award of Contract for the Procurement of SCADA Equipment for CVWD’s Well 16 and Related Facilities, Project E-940** – 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 $36,195.
3. **Well 16 Building and Related Facilities, Project E-940** – Consideration and motion to authorize the General Manager to advertise for bids for the construction of the Well 16 building and related facilities at an engineer’s cost estimate of $395,600.
4. **Chlorination Station Building at Ocean View Reservoir, Project E-733-CS-2** – Consideration and motion to authorize the General Manager to reject the high bid for the construction of a new chlorination station building at Ocean View Reservoir.
5. **Discussion Regarding Proposed Drought/Water Conservation Regulations** – Discussion regarding proposed drought/water conservation issues.

6. **<u>Discussion of Feasibility Study for a Recycled Water Facility</u>** – Discussion of a "draft" feasibility study for a potential recycled water project at Two Strike Park.

7. **<u>Request for Qualifications for an Annual Consulting Services Contract, Project M-951</u>** – Discussion and possible motion to retain a professional consulting firm to provide assistance with obtaining grants for the District.

8. **<u>FY 2015/16 Water and Wastewater Budgets and Proposition 218 Notification for Proposed Water Rates and Charges:</u>**

   a. Discussion regarding changes to FY 2015/16 Water and Wastewater Budgets and setting tier rate structure set points for proposed water rates.

   b. Consideration and motion to authorize staff to mail Proposition 218 notification letters for proposed increases to water rates and charges.

<u>Information Items</u>

<u>Written Communications to District</u>

<u>Staff Reports</u>

<u>Secretary-Treasurer</u>

1. Cash and Investments –April 17, 2015.

<u>General Manager</u>

1. Administrative Report.

<u>District Engineer</u>

1. Water Production Report –April 1 – 15, 2015.
2. Report on Administrative and Field Operations.

<u>Program Specialist</u>

1. Report on Water Conservation issues.

<u>Information Technology</u>

1. Report of Information Technology issues.

<u>Attorney</u>

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

<u>Reports of Committees</u>

<u>Engineering Committee</u>

1. Report of Engineering Committee meeting held on April 17, 2015.

<u>Finance Committee</u>

1. Report of Finance Committee meeting held on April 10, 2015.

<u>Employee Relations Committee</u>

1. Consideration of employee relations issues affecting the District.

<u>Policy Committee</u>

1. Consideration of policy issues affecting the District.

<u>Community Relations/Water Conservation Committee</u>

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

<u>Emergency Planning Committee</u>

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

Board Members' Request for Future Agenda Items

Adjournment

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CRESCENTA VALLEY WATER DISTRICT
REGULAR MEETING, BOARD OF DIRECTORS
April 7, 2015

Pursuant to the order of the Board of Directors of the Crescenta Valley Water District, made at the Adjourned Regular Meeting of March 17, 2015, a Regular Meeting was held on April 7, 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** **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** **Christy Scott, Program Specialist** **Wendy Holloway, Customer Accounts Supervisor** **Larry Byers, Superintendent** **Dennis Maxwell, Maintenance Supervisor**

PLEDGE OF ALLEGIANCE

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

ADOPTION OF AGENDA

It was moved by Director Tejeda, seconded by Director Bodnar and carried by a 5-0 vote that the Agenda for the Regular Meeting of April 7, 2015 be adopted as presented.

PUBLIC COMMENT – Mr. Ken Hill addressed the Board regarding his bill. Even though his water usage is low, he is upset over the fixed sewer charges, and thinks the rates are too high. Mrs. Annie Babson said that there are a lot of different kinds of greenery for yards available and brought in a sample of low water grass (Deer grass) for anyone who would like it.

FOOTHILL MUNICIPAL WATER DISTRICT REPORT – Mr. Love reported that he and Ms. Scott attended the Water Resource Committee meeting on April 6, 2015, and they discussed the Governors Executive Order for water reduction and what FMWD will do to comply.

CONSENT CALENDAR

It was moved by Director Tejeda, seconded by Director Bodnar and carried by a 5-0 vote to approve the Minutes of the Adjourned Regular Board Meeting held on March 17, 2015.

ACTION CALENDAR

Water Meter Replacement Program – Mr. Love opened the discussion regarding the evaluation and payback for the AMI program and the preliminary costs to accelerate the water meter replacement program. Mr. Gould reported on the Smart Meters and the installation of an AMI metering system. He discussed that we have replaced over 2,900 meters to date and have over 5,000 still to replace. During the process of replacing the meters we are finding that there are galvanized laterals and old yoke set-ups that need to be replaced. He presented a table for the summary of unaccounted water, a cost of purchasing and installing Smart meters, a cost to replace the yoke assemblies, and for replacing laterals and mains. He also presented an estimated cost for the AMI metering system. Staff is currently looking into various methods of funding such as grants, bonds, borrowing from the MTBE fund, and funding through the CIP program. Staff will gather more information and discuss this further at the next Board meeting.

Replacement of Motor Control Center at Oak Creek Reservoir, Project E-931– Mr. Gould reported that staff was planning to use CVWD's construction inspector for this project, however the construction inspector and the back-up inspector were off work due to worker compensation injuries. Staff has requested that Cannon Corporation provided quality control inspections services until CVWD's inspector is back at work. Cannon has been the design engineering firm for this project. CVWD's construction inspector has returned to work; however, with the accelerated schedule for Well 16, he has been assisting the Engineering Department with the field work and will be working at the Well 16 site in addition to the Ocean View Chlorination project. Cannon has presented a proposal for quality control inspection services for a cost of $53,400. It is staff's recommendation to authorize the General Manager to enter into an agreement with Cannon at a cost of $53,400.

It was moved by Director Bodnar, seconded by Director Tejeda and carried by a 5-0 vote to authorize the General Manager to enter into an agreement with Cannon Corporation at a cost of $54,300 for quality control inspection services related to the replacement of the motor control center.

Request to Fill Staff Vacancies – Mr. Love reported that in the last week, he has reviewed the upcoming vacancies which include one due to retirement, one due to resignation, one due to a hiking accident, and also to extend the hours for an IT Technician due to the CIP projects and the major overhaul of the SCADA system. Mr. Love explained that we will need to fill the position for the Water Conservation Specialist due to the Governor's Executive Order for water reduction and other water conservation needs, and to help with administrative needs. Due to the loss of the Water Conservation Specialist who also worked in the Customer Service area, we would like to extend the hours for the Customer Service Clerk from 32 hours to 40 hours. He also stated that we need to fill the position for a Utility Worker who also did welding for the District. For the Plant Maintenance Specialist, the employee who was injured, we would need a temporary employee to fill his position until he returns to work in six to nine months. It is staff's recommendation to authorize the General Manager to fill the current vacancies.

It was moved by Director Claessens, seconded by Director Tejeda and carried by a 5-0 vote to authorize the General Manager to fill staff vacancies as recommended in the staff report.

Amendment to Resolution No. 682 and Appendix G of the Rules & Regulations – Mr. Love reported that the State Resources Control Board approved emergency regulations for urban water conservation on July 15, 2014 due to the severity of the drought which were set to expire on April 25, 2015. On March 17, 2015 the State adopted Resolution No. 2015-0015, amending and re-adopting a drought emergency regulation regarding informational orders. The District's current water conservation ordinances cover all required items in Resolution No. 2015-0005 with one exception. The State has listed a restriction requirement to not allow outdoor watering during and 48-hours after a measurable rain. The District's current restrictions only specify no watering while it is raining. Staff is recommending amending the District's Resolution No. 682 and Appendix G of the Rules & Regulations to include the 48-hour outdoor watering restriction following a measurable rain.

It was moved by Director Bodnar, seconded by Director Claessens to amend Resolution 682 and Appendix G to meet requirements of the State Board Emergency Resolution No. 2015-0015 by the following roll call:

AYES:	**Director Bodnar**
	Director Claessens
	Director Erickson
	Director Putnam
	Director Tejeda
NOES:	**None**

Water Conservation Regulations: - Due to the Executive Order from Governor Brown for mandatory reductions in water use and after discussion by the Board, staff recommends moving to Orange Alert Status that calls for two days per week watering restrictions.

Following discussion:

It was moved by Director Bodnar, seconded by Director Claessens and carried by a 5-0 vote to authorize the General Manager to move to Orange Alert, watering two days per week as he determines.

FY 2015/16 Water and Wastewater Budgets and Proposition 218 Notification for Proposed Water Rates and Charges – Mr. Mitchell reported that changes to the Water and Wastewater Budgets directed from the March 17, 2015 meeting, staff has clarified communications expenses, reduced the Turf rebate program and has reduced the Election expense. Staff reviewed with the Finance Committee tier rate set points, a summary of expenses vs. revenues and what the cost per unit should be to cover those costs. Staff has also prepared a draft Proposition 218 notification for water rate changes and asked for the Boards input on the notice. After discussion, staff will make the changes for the Proposition 218 notice, bring back more alternatives for the water tier set points, and bring this back to the April 21st, 2015 meeting.

<u>INFORMATION ITEMS</u> – Vocative.com: We're using less water, so why are we paying more for it?

<u>WRITTEN COMMUNICATIONS TO DISTRICT</u> –County of Los Angeles Public Health sent a letter regarding request to inform customers of revised water conservation requirements for unincorporated county areas.

<u>REPORTS OF PERSONNEL</u>

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

<u>Investment Portfolio Summary – as of April 3, 2015:</u>

Cash Accounts	($385,549)
Great Pacific Securities	
Bond Debt Service Fund Acct	$366,457
Local Agency Investment Fund	$3,129,965
Federal Farm Credit (78)	$495,065
Federal Farm Credit (81)	$979,840
Federal Farm Credit (83)	$504,010
Federal Farm Credit (86)	$982,320
Federal Farm Credit (87)	$498,785
Federal Farm Credit (96)	$968,726
Federal Farm Credit (97)	$1,232,924

<u>MTBE Contingency Funds</u>

Local Agency Investment Fund	$2,694,779
Great Pacific Securities	$4,170,862
Federal Farm Credit (M-35)	$829,984
US Treasury (M-36)	$999,840
Federal Farm Credit (M-37) SOLD	
US Treasury (M-38) SOLD	
Federal Farm Credit (M-39) NEW	$996,460

Fund Balances at October 31, 2014

Water	$5,150,872.10
Wastewater	$14,047,327.09

<u>GENERAL MANAGER</u> – Mr. Love reported that as of March 30th, 2015 he assumed the position of General Manager. In the first week he identified two management staff priorities, one is the Budget and Rates and the second is the extended Drought and State mandated conservation. He also discussed scheduling meetings with the District's stakeholders. He will be speaking at the CVTC meeting on May 21st. On April 2nd he hosted a luncheon at the Glenwood Plant with all the employees. There is one employee this month with an anniversary, Larry Byers with 28 years. As of April 3rd, the District has worked 297 days without a lost time accident. There are two employees on medical leave, one is expected to return in May, and the other is expected to be out for six to nine months.

DISTRICT ENGINEER

Water Production – For the period of March 1 through March 31, 2015, water production averaged 110.5 million gallons per day, which is **4.1% greater** than the daily average production of the same period in 2014. This is **5.3% greater** from the daily average production of the previous five years.

Rainfall: March 2015	**0.76"**
Season-to-date:	**9.38"**

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

Rainfall Update – 0.76" for March 2015. Rainfall total for 2014-15 is 9.38".

Report on Engineering

CIP Projects – Ocean View Chlorination Project – Building – Bid opening April 15, 2015. Treatment Equipment – Under Design. Oak Creek MCC – Construction started on March 16, 2015. MCC to be delivered by middle of July 2015.

Crescent Valley County Park - Local Groundwater Assistance Grant – Monitoring Wells – Complete.

Well 16 – Prop 84 – Drought Relief Grant – Design – Finalizing plans and specifications for on-site work. Advertising for bids for 8-inch water transmission main. Waiting on Glendale to finalize comments from the Planning Department.

FMWD Issues – No Report.

ULARA – No Report.

La Canada Flintridge – Water Committee – No Report.

As-Needed Consulting Services – DMc Engineering - Water Service Laterals – Design – 75% complete. SA Associates - Recycled Water Feasibility Study – 85 % Complete. GWI Consulting - Surge Tank – Working on agreement.

Grants – Proposition 84 – Round 3 – Recycled Water Project at Two-Strike Park - $6.61M. Nitrate Removal Treatment Facility at Well 2 - $1.45M. CVC Park Stormwater Recharge Facility - $4.1M.

Water Meter Replacement Program – Start FY 14/15 Water Meter Replacement Program – Replaced 595 meters to date. Staff reviewing water meter replacement program.

Report on Administrative and Field Operations:

Well Status – Well production capacity remained steady at 1.93 MGD for the month.

Developer Jobs – New 28 unit townhome project – 3037 Foothill Blvd.

Booster Pumps – No Report.

Water Quality – No Report.

Reservoirs/Booster Stations – No Report.

Field Maintenance and Operations update for March 14 - 31, 2015

Water lateral leaks & repairs

- 2635 Foothill

- 3053 Los Olivos
- 2208 Fairhurst
- 2330 Caracas
- 2336 Henrietta
- 4423 Maryland
- 3046 Stevens

Water Main Leaks – No Report.

Fire Hydrant Replacement – No Report.

Sewer Maintenance – 4000 – 4300 Blocks Pennsylvania. 3100 Blocks Prospect, Evelyn, Encinal. 4400 – 4500 Blocks Ramsdell. 2800 Blocks Mayfield, Fairway, Alta Terrace, Harmony. 2600 – 2900 Blocks Montrose. 4100 Block La Crescenta. 2600 Blocks Mayfield, Fairway. 5000 Block La Crescenta.

PROGRAM SPECIALIST – No Report

INFORMATION TECHNOLOGY – No Report

ATTORNEY – No Report

REPORTS OF COMMITTEES

Engineering Committee – Director Putnam reported that the Committee met on March 26, 2015 and reviewed Well levels and Well capacity, FY 15/16 CIP Projects, FY 15/16 Consultant Projects and FY 14/15 CIP Projects Status and Project schedule. The next committee meeting is scheduled for April 17, 2015 at 8:00 a.m.

Finance Committee – Director Bodnar reported that the Committee met on March 27, 2015 at 8:30 a.m. and discussed the 2015/16 water and wastewater budgets, Water Rates, and Service Charges for ACH/Credit Card Payments. The next committee meeting is scheduled for April 10, 2015 at 8:30 a.m.

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 met on March 30, 2015 and discussed the MWD Allocation, Moving to Orange Alert, Revision of the District's Water Conservation Ordinance, and Participation at the May 16, 2015 Auto Show at CV Park.

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 – No Report

Director Erickson reported that he received a call from his neighbor thanking the District for implementing the credit card payment method.

Director Putnam – No Report

Director Tejeda reported on an article regarding bottled water.

Director Bodnar reported that on March 18th he attended the Drinking Water Discharge Workshop, and on March 27th he attended the Finance Committee meeting. He also asked about the bushes in front of FMWD Reservoir on Briggs and said they are not looking good. He said that on May 22nd he will be speaking to the 6th grade class at Mountain Avenue Elementary School.

CLOSED SESSION: No reportable action.

ADJOURNMENT

There being no other business to come before the Board at 9:30 p.m., it was moved by Director Tejeda, seconded by Director Bodnar that the meeting be adjourned to April 21, 2015 at 7:00 p.m.

APPROVED

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Kenneth R. Putnam	Ron L. Mitchell
President	Secretary-Treasurer

CASH DISBURSMENT LIST
MARCH 2015

CVWD

Check	Check Date	Payable To	Description	Water Amount	Wastewater Amount
0	3/30	Southern California Edison Co.	Power purchased 03/2015	19,495.30	282.57
31480	3/3	ABC Auto Electric	Unit #36 wire lightbar; Unit #13 troubleshoot wiring	375.00	125.00
31481	3/3	Acme Wiping Materials	Shop supplies	127.20	127.20
31482	3/3	ACV Systems, LLC	Replace pressure reducing valve	687.20	
31483	3/3	All American Landscape Co.	Yearly pruning and cleaning at Main Office	1,138.50	379.50
31484	3/3	All American Landscape Co.	Monthly maintenance	288.75	96.25
31485	3/3	Ambient Environmental, Inc.	Lab sampling for MTBE in monitoring wells	4,536.00	
31486	3/3	Mark Anderson	Reimbursement for over payment on D jobs		120.00
31487	3/3	AVAYA Financial Services	Land line lease	380.68	126.90
31488	3/3	BC Laboratories, Inc	Water analysis	1,901.25	
31489	3/3	Natalie Bellissimo	Mileage reimbursement	49.40	
31490	3/3	California Building Evaluations & Const., Ir	E-931 Replace MCC at Oak Creek	34,186.70	
31491	3/3	California Truck Equipment Company	Remove body from Unit #13 and place on Unit #47	7,029.38	2,343.12
31492	3/3	California Urban Water Cons Council	Membership renewal for Christy Scott #854	2,379.00	
31493	3/3	CalPers	Employee contributtions for 02/2015	24,643.36	15,797.94
31494	3/3	Cargill, Inc - Salt Division	24.66 tons salt at Nitrate Plant	3,047.25	
31495	3/3	Charter Communications	Fiber Optic Mills, Glenwood and Office 02/2015	2,300.03	766.66
31496	3/3	Charter Communications	Fiber Optic, internet, cable office 02/2015	1,693.85	564.61
31497	3/3	Choice Pest Control	Monthly service Glenwood & various sites	194.75	47.25
31498	3/3	City of Glendale Water & Power	Power purchased 02/2015	28,333.83	18.74
31499	3/3	Colonial Life & Accidents Ins.	Employee paid insurance	183.61	
31500	3/3	Dell Marketing L.P.	Lease contract	415.34	138.44
31501	3/3	Dunn-Edwards Corporation	Paint and supplies for Glenwood	65.38	21.79
31502	3/3	Eurofins Eaton Analytical Inc.	Water analysis	176.00	
31503	3/3	First Choice	Coffee service	155.54	155.54
31504	3/3	Golden Bell Products, Inc	60 gallons of Lift Station degreaser		1,726.56
31505	3/3	Graybar Electric Co., Inc.	Smart UPS and UPS cards	1,843.06	
31506	3/3	Great America Leasing Corp.	Kyocera copier leasing	434.91	434.91
31507	3/3	Pete Hilke	Mileage reimbursement	65.24	14.00
31508	3/3	J. De Sigio Construction, Inc	E-947 8" main replacement Paraiso Way & Santa Carlotta	227,173.50	

31509	3/3	Just Tires, Inc.	Unit #32 - new tires		337.74
31510	3/3	L.A. County Dept. Public Works	Excavation permit	3,364.30	
31511	3/3	LA Dept Water and Power	Power purchased	48.51	
31512	3/3	Lincoln Financial Group	Dental & Long Term Disability for 03/2015	3,061.15	2,040.77
31513	3/3	Logan Supply Co. Inc	Painting supplies	73.48	73.48
31514	3/3	Loren Brugger Welding	Welding at Well 10	760.00	
31515	3/3	Los Angeles Times	Subscription renewal 10/2014 to 03/2016	194.31	64.77
31516	3/3	Montrose Chamber of Commerce	Membership renewal	45.00	15.00
31517	3/3	Neopost USA, Inc	Annual rental fee postage meter and scale	440.21	440.20
31518	3/3	New Image Landscaping & Tree Service, I	Clean up at Well 14 & various sites; monthly maint	1,282.50	177.50
31519	3/3	Newegg, Inc.	APC UPS/Battery smx3000, keyboards, monitors	2,600.43	866.83
31520	3/3	Office Depot - Credit Plan	Misc supplies 02/2015	552.15	608.55
31521	3/3	Paper Cuts, Inc	Monthly shredding	26.88	26.87
31522	3/3	Ramco	Crushed misc base	1,762.93	
31523	3/3	Rassac Air Systems	Maintenance Glenwood	356.25	118.75
31524	3/3	Red Wing Shoe Store	Safety boots Rob Wood	121.60	40.53
31525	3/3	Sawyer Petroleum	304 gal.red diesel fuel	2,104.64	701.55
31526	3/3	Scotty's & Sons, Inc	20V grease gun kit; sawzall blades & diamond cutting blades	418.55	418.54
31527	3/3	Sems Technologies Corp.	Remote webinar training	1,037.50	1,037.50
31528	3/3	Southern California Edison Co.	Permit Fee for E-931 Oak Creek MCC	6,189.63	
31529	3/3	Staples Business Advantage	Return mailing labels	183.74	183.74
31530	3/3	Still Mor Automotive Inc.	Unit #34 -major repairs to wiring; new radiator & brakes	2,770.30	923.44
31531	3/3	Sully-Miller Contracting Co.	Cold patch	625.27	
31532	3/3	Tesco Controls, Inc	Annual Service Contract 3/1/2015 to 2/29/2016	5,625.00	1,875.00
31533	3/3	The Gas Company	Gas purchased 02/2015 Office	42.15	14.05
31534	3/3	Toro's Lawnmower & Garden	Chop Saw Overhaul	235.52	235.51
31535	3/3	Tri County Pump Company, Inc.	E-941 Retention payment	1,686.75	
31536	3/3	Underground Service Alert/SC	Underground notification for 02/2015	75.38	25.12
31537	3/3	United Traffic Service & Supply	Safety equipment	169.22	56.41
31538	3/3	UPS	Shipping charges	13.50	13.50
31539	3/3	Vision Service Plan Co-(CA)	Group vision for 03/2015	274.35	182.89
31540	3/3	Waste Management - Sun Valley	Disposal service plant	643.00	214.32
31541	3/3	Western Water Works	Check valves for Nitrate Plant	1,477.14	
31542	3/5	Larry Byers	Vision Reimbursement	156.94	104.63
31543	3/5	Dennis A. Maxwell, Jr	Reminbursement for replacement wheel for Unit #16	210.62	32.27
31544	3/11	Cash-Petty Cash	Reimburse petty cash	265.66	114.76
31545	3/11	Charter Communications	Cable for Mills House 02/2015	59.88	19.96
31546	3/11	St Water Resource Control Brd.	NPDES permit for Well 16 E-940	500.00	
31547	3/12	L.A. County Dept. Public Works	Permit for storm drain connection for Well 16	1,372.00	

31548	3/17	Prabha Acharya	Turf rebate	4,600.00	
31549	3/17	ACWA/JPIA	Group Health for 04/2015	32,910.18	21,940.12
31550	3/17	ADS, LLC	Monthly monitoring		1,580.00
31551	3/17	Aflac	Employee paid insurance	1,363.73	
31552	3/17	Airgas USA, LLC	Monthly cylinder rental	161.93	161.92
31553	3/17	Allstar Fire Equipment Inc	12-50' rolls fire hose	2,314.44	
31554	3/17	American Water Works, Inc	Green & yellow nozzle and 1/4" brass QD	45.23	45.22
31555	3/17	Ameripride Uniform Services, Inc	Uniform rentals 02/2015	491.62	163.88
31556	3/17	ARC	E-733Cs contract documents	1,097.76	201.02
31557	3/17	Arrowhead Mountain Spring Wate	Distilled water	66.88	
31558	3/17	Associated Soils Engineering	E-947 8" water main Santa Carlotta/Paraiso Way	1,380.00	
31559	3/17	AT&T	PRI Line 02/2015	2,549.24	884.75
31560	3/17	BC Laboratories, Inc	Water analysis	3,075.00	
31561	3/17	Bonners Equipment Rentals	Propane for fork lift	38.06	12.68
31562	3/17	James & Cynthia Bowie	Turf rebate	3,500.00	
31563	3/17	Brithinee Electric	New motor for pump at Encinal Booster C	3,500.84	
31564	3/17	Bronson Photography	Photo of Director Claessens	192.11	64.04
31565	3/17	California Water Environment	Registration Larry Byers Great Wasterwater Conference		290.00
31566	3/17	California Water Environment	Registration Dennis Maxwell Great Wasterwater Conference		670.00
31567	3/17	Capital One Commercial	Misc supplies	448.92	448.91
31568	3/17	Cargill, Inc - Salt Division	24.71 tons salt	3,052.07	
31569	3/17	City of Glendale	Water system fees	4,128.79	
31570	3/17	City of Los Angeles	Capital and O&M Portion of Asssc		6,372.00
31571	3/17	Corporate Telecomm	Land line lease	175.50	58.49
31572	3/17	Crescenta Valley Tow Service	Tow Unit #7 to ABC electric	111.00	37.00
31573	3/17	Dataprose LLC	Printing and postage Controls 1-4	1,049.39	1,049.38
31574	3/17	Do-it Center	Misc hardware 02/2015	334.36	55.73
31575	3/17	E & R Construction, Inc.	E-733CS retention payment	8,555.00	
31576	3/17	Fire Master	Parts/labor to recharge extinguishers	608.45	202.81
31577	3/17	Foothill Municipal Water	Glendale/CVWD/FMWD agreement	152,441.33	
31578	3/17	Grainger	Antislip black tape	53.03	53.02
31579	3/17	Harrington Ind Plastics LLC	1-1/4 air release valve	161.02	161.02
31580	3/17	Home Depot Credit Services	Glenwood radio antenna	16.11	
31581	3/17	Wei Huang	Turf rebate	3,600.00	
31582	3/17	Eunkyeong Hwang	Refund Check	31.23	
31583	3/17	J&R Concrete Products, Inc	Metal meter covers; Concrete & Polymer meter boxes	4,320.54	
31584	3/17	J. De Sigio Construction, Inc	Flood meter refund	925.00	
31585	3/17	Nick Karapetian	Turf rebate	5,800.00	
31586	3/17	Lagerlof, Senecal, Gosney & Kr	Legal services 02/2015	12,115.00	1,075.00
31587	3/17	Lincoln Financial Group	Life and Dental Insurance 04/2015	3,061.15	2,040.77

31588	3/17	Ethelinda Llanera	Turf rebate	2,250.00	
31589	3/17	Stacee Marshall	Turf rebate	3,800.00	
31590	3/17	Microflex Corporation	4 cases latex gloves	531.26	
31591	3/17	New Image Landscaping & Tree Service, I	Maintenance Glenwood	168.75	56.25
31592	3/17	Northern Safety Co., Inc	144 pair safety glasses	239.95	79.98
31593	3/17	O'Reilly Auto Parts	Misc parts 02/2015	34.67	15.01
31594	3/17	Orchard Supply Hardware	Misc hardware	87.53	87.52
31595	3/17	CSABA Pap	Refund Check		19.00
31596	3/17	Ronald Ramirez	Turf rebate	2,600.00	
31597	3/17	Red Wing Shoe Store	Safety Boots David Rawlings and Dave Spain	211.92	70.64
31598	3/17	Repipe - California, Inc.	S-942 Sewer relining		80,868.75
31599	3/17	Royal Wholesale Electric	Photo eye for bottom gate	100.83	33.61
31600	3/17	Sems Technologies Corp.	Software Professional Version renewal	3,108.75	1,036.25
31601	3/17	Seton Identification Products	Stop/slow paddle signs	140.84	46.95
31602	3/17	The Shant Auto Group INC	Refund Check	26.05	
31603	3/17	Shell	Gas purchased 02/2015	1,527.62	509.21
31604	3/17	So Cal Tractor Sales, Inc	Flip pin and lynch pin for unit 3	2.37	0.79
31605	3/17	Southern California Edison Co.	Additional permit fee E-931 Oak Creek MCC	2.37	
31606	3/17	Star Brite Bldg. Maintenance Inc	Janitorial service 03/2015	618.75	206.25
31607	3/17	Stemar Equipment & Supply Co.	Plug rental 14 x 24 inch		376.53
31608	3/17	Melissa Stevens	Turf rebate	5,000.00	
31609	3/17	Still Mor Automotive Inc.	Unit #14 - radiator & differential	1,200.70	400.23
31610	3/17	The Bilco Company	Ladderup safety posts E-733CS	712.06	
31611	3/17	The Gas Company	Gas purchased 02/2015 Mills	153.81	51.28
31612	3/17	Denise & Dave Troop	Turf rebate	7,200.00	
31613	3/17	Univar USA Inc	Bleach for Glenwood 870 gal.	2,775.93	
31614	3/17	UPS	Shipping Charges	30.41	17.24
31615	3/17	US Bank	Administraion fees - 2/1/15 to 1/31/16	1,650.00	
31616	3/17	Wells Fargo Card Services	Erdman: Board treats; network training lunch w/GWP	46.66	257.48
31617	3/17	Wells Fargo Card Services	Gould:Soil samples; engineering dept supplies	58.78	19.59
31618	3/17	Wells Fargo Card Services	Hass:Monthly recurring charges; computer hardware & software	533.86	225.15
31619	3/17	Wells Fargo Card Services	Mitchell:Caution markers; laptop case	19.07	112.28
31620	3/17	Wells Fargo Card Services	Scott: Conservation dept supplies	38.26	12.75
31621	3/17	Western Water Works	6" ring gaskets and flanges	156.85	
31622	3/20	Carmine Sardo Upholstery	Repair driver seat on Unit 6		275.00
31623	3/23	Ron Mitchell	Health Reimbursement	227.31	151.54
			Subtotals	697,656.72	156,748.20
			Total Disbursements for March 2015		854,404.92

PAYROLL REPORT
March-15

Directors	$	1,440
Office Regular Payroll	$	125,564
Office OT	$	643
Plant Regular Payroll	$	94,996
Plant OT and Standby	$	6,623
Plant Vacation Cash Out	$	5,204
Plant Sick Leave Cash Out	$	2,935
Employer Payroll Taxes	$	17,668
Payroll Service Charges	$	351
Total	$	255,424

CRESCENTA VALLEY WATER DISTRICT
BOARD OF DIRECTORS - STAFF REPORT

Action Item No. 1
April 21, 2015

To: Honorable President and Members of the Board of Directors

From: Christy J. Scott

Subject: **CV Town Council Earth Day**

ACTION ITEM:

District Participation in CV Town Council's Earth Day –Crescenta Valley Town Council (CVTC) President, Robbyn Battles requested that the District participate in the CVTC's Earth Day Event on Saturday, May 2nd at Rosemont Middle School's parking lot.

BACKGROUND

For the past several years, the District has participated in the CVTC Arbor Day Event. The Arbor Day event was budgeted in the 2014/2015 District water conservation budget at an amount of $1,500.00. In place of Arbor Day, the CVTC is having Earth Day, and President Robbyn Battles has requested that CVWD have a booth.

DISCUSSION:

Earth Day will take place on Saturday May 2, 2015 from 8:00 a.m. to 12:00 p.m. at Rosemont Middle School's parking lot. Residents will be dropping by to pick up pre-ordered trees. There will also be free mulch available and an e-waste drop site. There is expected to be about 100 people through the event during the four hour period. Typically at this type of event, the District would bring related water conservation items and materials to hand out to residents along with information about the drought and saving water.

The cost of this event would be about $1,000.00 higher than what was budgeted for Arbor Day. This is partially due to the increase in labor costs for the extended time of the event and setup with the remainder of the costs being the distribution of higher end conservation items which are already in stock.

An alternative solution is to provide CVTC with prepared bags containing water conservation items and information regarding the drought, the District, and water use efficiency practices. This would eliminate the need for staff which will be present at the Home Town Fair the weekend prior to this event. The water conservation items to be handed out are already in stock and while there is a cost associated with these items, the funds have already been expended to prepare for events such as this.

RECOMMENDATION:

Staff supports the Board's final recommendation.

Prepared by:

____
Christy J. Scott

Submitted by:

____
Thomas A. Love, P.E.,
General Manager

CRESCENTA VALLEY WATER DISTRICT
BOARD OF DIRECTORS - STAFF REPORT

Action Item No. 2

To: Honorable President and Members of the Board of Directors April 21, 2015

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

Subject: **Award of Contract for Procurement of Equipment for CVWD's Well 16 and Related Facilities, Project E-940**

Discussion Item:

Award of Contract for the Procurement of SCADA Equipment for CVWD's Well 16 and Related Facilities, Project E-940 – 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 $36,195

BACKGROUND:

The project schedule for Well 16 was accelerated to complete the project by August 2015, which was discussed at the February 17, 2015 Board meeting.

Staff discussed major items such as the motor control center, the pre-fabricated building, and the pump assembly which would need to be pre-purchased by the District to reduce the long lead time for delivery. The contracts for pre-purchasing the equipment and building, which included requirements for a time limit to deliver each item was completed at the March 17, 2015 Board meeting.

Upon further review of the project schedule and discussions with Tesco Controls on the new SCADA equipment and programming, it became apparent that there will be a long lead time for the purchase and programming of the SCADA equipment which could affect the project schedule.

DISCUSSION:

The District's current SCADA equipment and PLC/RU 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 March 20, 2015.

Tesco's quote was returned on March 27, 2015, and included a new L2000 PLC, a remote terminal unit (RTU), professional services for engineering, and installation for a total cost of $36,195. The quote also showed that the lead time for shop drawing review, manufacturing, programming, and installation would be about 14 – 16 weeks. The anticipated delivery date to the site will be around the beginning of August 2015, which coincides with the delivery of the MCC.

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.

ENVIRONMENTAL REVIEW:

N/A

<u>FUNDING AVAILABILITY</u>:

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

Account Description	Grant Cost Breakdown
Proposition 84, Drought Relief Grant Request for Construction	$1,020,000
Amount to be reimbursed from Grant (75%)	*$765,000*
CVWD Costs (12.5%)	*$127,500*
GWP Cost (12.5%)	*$127,500*
Quote for Previous Procurements	<$227,360>
Quote for SCADA Procurements	<$36,195>
Amount Remaining for Pipeline & On-site Work	**$756,445**

Prepared by:

D S Gould

David S. Gould, P.E.
District Engineer

Submitted by:

Thomas A. Love
General Manager

Attachment:

1. Well 16 – Tesco Control, Inc. quote dated 3/27/15

\\fscvwd\data\management\board meeting staff reports\2015\04-17-15 board memo - e-940 well 16 - scada.docx

TESCO CONTROLS, INC.
An Employee-Owned Company

P.O. BOX 299007
SACRAMENTO, CA 95829-9007
(916) 395-8800 // 429-2817 (FAX)
www.tescocontrols.com

♦♦♦ Engineering ● Manufacturing ● Systems Design ● Systems Integration ● Service & Support ♦♦♦

DATE: March 27, 2015

TO: Crescenta Valley Water District
ATTN: Mark Hass

JOB NAME: CVWD – Well 16 RTU E-940
QUOTE NO.: 15C159Q01

It is understood that Crescenta Valley Water District (CVWD) is incorporating a new well location into their system; Tesco will provide a back pan mounted remote telemetry unit (RTU) with an L2000 programmable logic controller (PLC). Space provisions will be provided on the new back pan for CVWD provided and installed radio telemetry equipment. A digi protocol converter will be used to interface with Allen Bradley equipment/controller.

The following I/O will be accounted for on the new PLC: AI 8, AO 4, DI 24, and DO 8.

TESCO shall provide all required programming for the new PLC as well as field testing and startup of the new control panel after installation within the new motor control center (MCC) in the field. Any required program modifications at the Glenwood location for data pass through as well as SCADA program modifications to integrate the new Well 16 will be provided by Tesco.

ITEM #	QTY.	DESCRIPTION
1	Lot	**RTU Control System** to include: Custom Fabricated Backpan *(sized to match space provisions within new MCC)* • Control Circuit Disconnect Tesco L2000 PLC • Large Operator Interface • High Density I/O Cards • Power Supply Digi Protocol Converter High Density Terminal Boards RFI Filter (Lot) Terminal blocks, wire management, control relays and nameplates as required
2	Lot	**Professional Services** to include: Engineering • Engineered Drawings and Technical Data • Operations and Maintenance (O&M) Manuals Manufacturing Services • Custom Metal Fabrication i.e., Cutting, Bending, Welding • Custom Powder Coat & Painting, Five Stage Process • Assembly of Electrical PLC • Power & PLC Control Wiring within the Panel PLC Applications Programming SCADA Program Modifications Field Service • Field Installation of back pan with assembled components

		• Startup and test
TOTAL COST ESTIMATE:		**$36,195.00**

TERMS AND CONDITIONS:

- Quotation firm for 30 days unless otherwise stated.
- Delivery to be scheduled approximately **14-16** weeks after receipt of purchase order.
- Unless otherwise stated, quote is to **furnish only** and does not include installation services.
- Unless otherwise stated, quote does not include conduit, wire, tubing, or basic trade installation materials (brackets, screws, bolts, j-box, stanchions, instrumentation mounting components, sunshields, housekeeping/concrete pads, etc.).
- Terms are net 30 days on approved credit accounts.
- Applicable Sales tax is included
- 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,

TESCO CONTROLS, INC.

Sean Keven
Technical Sales
skeven@tescocontrols.com

CRESCENTA VALLEY WATER DISTRICT
BOARD OF DIRECTORS - STAFF REPORT

Action Item No. 3

To: Honorable President and Members of the Board of Directors April 21, 2015

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

Subject: **Advertise for bids for the construction of CVWD's Well 16 and Related Facilities, Project E-940**

Discussion Item:

Well 16 Building and Related Facilities, Project E-940 – Consideration and motion to authorize the General Manager to advertise for bids for the construction of the Well 16 building and related facilities at an engineer's cost estimate of $395,600.

BACKGROUND:

Crescenta Valley Water District (CVWD) has been working on the construction of a new groundwater well (Well 1) at the Rockhaven Site and has received a Proposition 84, Drought Relief Grant in the amount of $1,195,050 for the project.

Staff has been working with Cannon on the design of the Well 16 facility and piping. The scope of work included the installation of a submersible pump and motor, a small building enclosure on a concrete pad over the groundwater well, discharge piping, connection to Los Angeles County storm drain system, electrical motor control center, coordination with GWP for new electrical service, asphaltic concrete paving, and on-site landscaping improvements.

The project schedule for Well 16 was accelerated to complete the project by August 2015, which was discussed at the February 17, 2015 Board meeting.

Staff discussed major items such as the motor control center, the pre-fabricated building, and the pump assembly which would need to be pre-purchased by the District to reduce the long lead time for delivery. The contracts for pre-purchasing the equipment and building, which included requirements for a time limit to deliver each item was completed at the March 17, 2015 Board meeting.

DISCUSSION:

Staff has been working with Canon on the design, which is completed and is ready for advertising for bids. The scope of work includes installation of the building concrete pad, the pedestal for Well 16, above and below ground water line pipeline, storm drain piping, grading, and installation of the electrical equipment, a new rolling gate and landscaping for the site. See attached site layout and photos of the proposed site.

The anticipated project schedule is to award a contract at the Board meeting at May 19, 2015. Construction should begin in the end of June 2015 after approval of the shop drawing. Mr. David Gould will be the project manager and Mr. Cory Whitman will provide field inspection. Staff may need assistance from Canon during installation and start-up.

Staff is also working on a public outreach program for the project. This will include sending letters within the next two weeks to the residents in the area notifying them of the upcoming project, holding a public meeting about the project and sending a second letter two weeks before construction begins.

The construction cost estimate for the project is $395,600 for this portion of the project. The entire project costs including consultant inspection, soils engineer, staff engineering, inspection, procurement of equipment and contingencies are estimated at $500,600.

<u>RECOMMENDATION:</u>

It is staff's recommendation to authorize the General Manger to advertise for bids for the project. Staff will advertise the project in the McGraw-Hill Dodge Construction News and will send out plans to selected contractors.

<u>ENVIRONMENTAL REVIEW</u>:

N/A

<u>FUNDING AVAILABILITY</u>:

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

Account Description	Grant Cost Breakdown
Proposition 84, Drought Relief Grant Request for Construction	$1,195,048
Amount to be reimbursed from Grant (75%)	*$873,298*
CVWD Costs (12.5%)	*$160,875*
GWP Cost (12.5%)	*$160,875*
Engineering Services	<$108,330>
Engineer Cost Estimate - Pipeline	<$301,300>
Quote for Previous Procurements	<$263,555>
Engineer Cost Estimate – Building & Facilities	<$395,600>
Estimate for Soil Inspection, Construction Management and Permitting Fees	<$105,000>
Total Estimated Cost for Design & Construction	***<$1,173,785>***
Amount Remaining for Well 16 Project	**$21,263**

Prepared by:

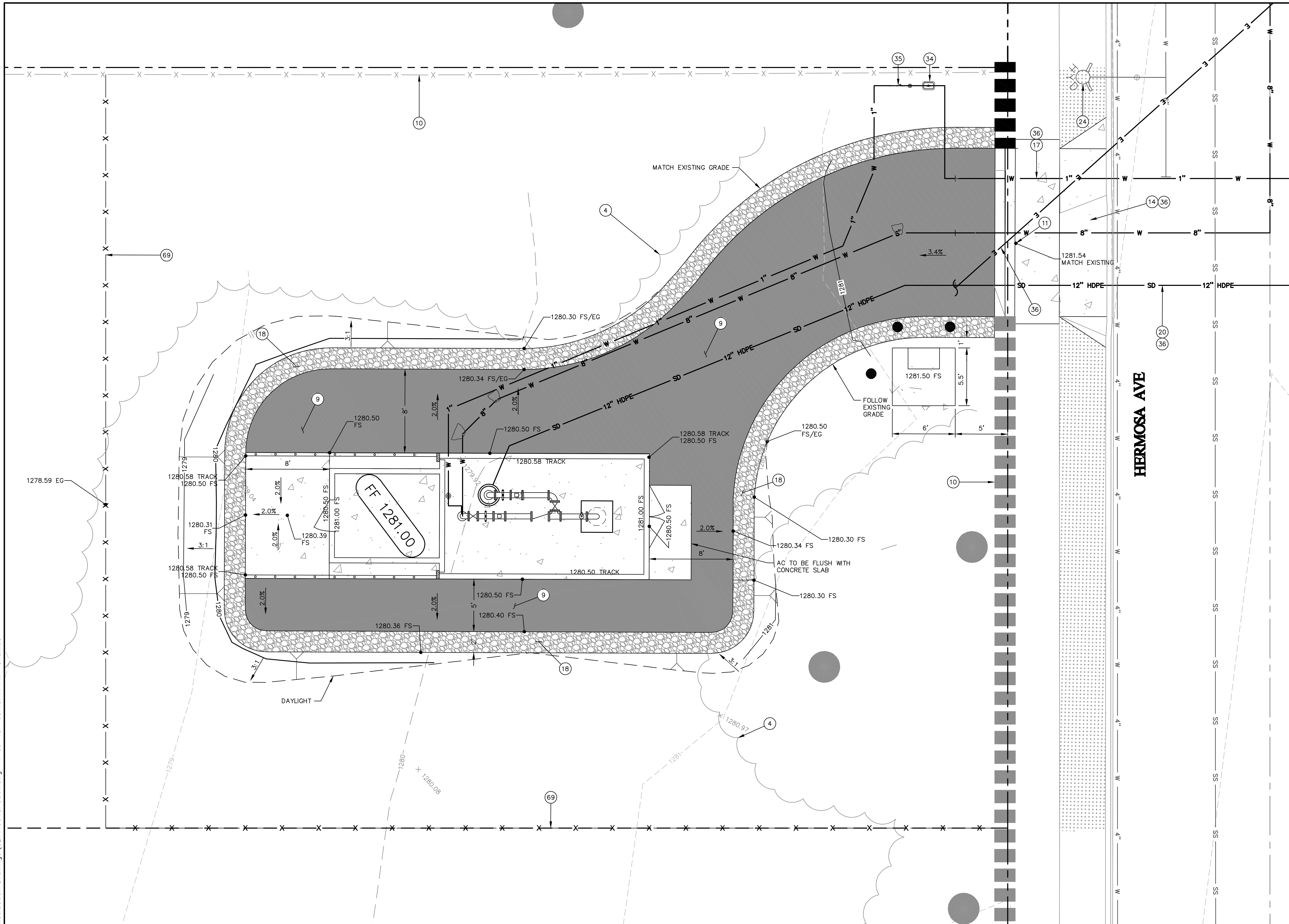
David S. Gould, P.E.
District Engineer

Submitted by:

Thomas A. Love
General Manager

Attachment:

1. Site Plan for Well 16
2. Photos of new Well 16



CONSTRUCTION NOTES

(4) EXIST. TREES, PROTECT IN PLACE.

(9) INSTALL CLASS C ASPHALT CONCRETE. THE ASPHALT CEMENT SHALL CONFORM TO PG 70-10 FOR PERFORMANCE GRADE. INSTALL 3" ASPHALT CONCRETE, OVER 6" CLASS 2 AGG. BASE. THE BASE MATERIAL SHALL CONFORM TO REQUIREMENTS FOR A CLASS 2 AGGREGATE BASE (AB) OR EQUIVALENT (SUCH AS CRUSHED MISCELLANEOUS BASE – CMB) AND SHOULD BE PLACED IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONTRUCTION (SSPWC, LATEST EDITION). ASPHALTIC MATERIALS SHOULD CONFORM TO SECTION 203-1, "PAVING ASPHALT," AND SHOULD BE PLACED IN ACCORDANCE WITH SECTION 302-5, "ASPHALT CONCRETE PAVEMENT," OF THE SSPWC. A GEOTECHNICAL ENGINEER SHALL APPROVE MATERIALS PRIOR TO INSTALLATION.

(10) PROTECT IN PLACE EXISTING CONCRETE BLOCK WALL AND OR FENCE,

(11) MATCH PAVING FINISHED SURFACE FLUSH TO EXISTING SIDEWALK ELEVATIONS.

(13) ABOVE GROUND WELL DISCHARGE PIPING PER PLAN AND SECTION ON SHEET 9, AND THE PROJECT SPECIFICATIONS.

(14) DRIVEWAY APPROACH PER DETAIL 1 ON SHEET 5

(15) INSTALL WELL PUMP AND MOTOR PER SHEET 11, Q=450 GPM, TDH=323, HP=50

(16) NEW ELECTRICAL CONDUITS PER SHEET 17.

(17) 1" COPPER PIPE FOR SERVICE FROM EXISTING 8" WATER

(18) 2FT WIDE, 3/4" CRUSHED ROCK, DRIVEABLE PATH

(24) EXIST. FIRE HYDRANT, PROTECT IN PLACE.

(34) 1" WATER METER AND BOX PER DETAIL 1, SHEET 10

(35) BACKFLOW PREVENTER ASSEMBLY PER DETAIL 1, SHEET 10

(36) WORK PERFORMED BY OFF-SITE CONTRACTOR

(37) CONNECTION POINT. CONNECT ON-SITE PIPING AND ELECTRICAL CONDUITS TO OFF-SITE PIPING AND ELECTRICAL CONDUITS AT LOCATION SHOWN ON PLANS. ON-SITE CONTRACTOR TO FIELD VERIFY LOCATION.

(69) NEW WOOD FENCE PER SPECIFICATIONS

1 INCH = 5 FEET

REGISTERED PROFESSIONAL ENGINEER
GARY D. ROEPKE
NO. 48693
EXP. 6/30/2016
CIVIL
STATE OF CALIFORNIA

SITE, GRADING, AND PAVING PLAN

SCALE HORIZ 1"=5'

CALL BEFORE YOU DIG
UNDERGROUND SERVICE ALERT
811
TWO WORKING DAYS BEFORE YOU DIG

100% SUBMITTAL

Cannon
11900 West Olympic Blvd., Suite 530
Los Angeles, CA 90064
P 310.684.1166 F 310.684.6877

CA. PROJ. NO. 141004

THESE DRAWINGS ARE INSTRUMENTS OF SERVICE AND ARE THE PROPERTY OF CANNON. ALL DESIGNS AND INFORMATION ON THESE DRAWINGS ARE FOR USE OF THE SPECIFIED PROJECT AND SHALL NOT BE USED OTHERWISE OR REPRODUCED WITHOUT THE EXPRESSED WRITTEN PERMISSION OF CANNON.

DISCLAIMER

Approval by C.V.W.D. does not constitute a representation as to the accuracy of design or the existence and location of underground utilities, structures, and conditions within the limits of this project.

REV.	DATE	REVISION	REV. BY	CKD. BY	APP'D

SCALE:	AS SHOWN	DATE
DRAWN BY:	MAC/SM	4/8/15
CHECKED BY:	JP	4/8/15
APPROVED:	GDR	4/8/15
AS BUILT:		

CRESCENTA VALLEY WATER DISTRICT CVWD
WELL NO. 16
GRADING AND PAVING PLAN

L.A.C.D.P.W. PERMIT NO.

SHT. 4 OF 21 SHTS.

JOB NO. E-940

FILE NO.

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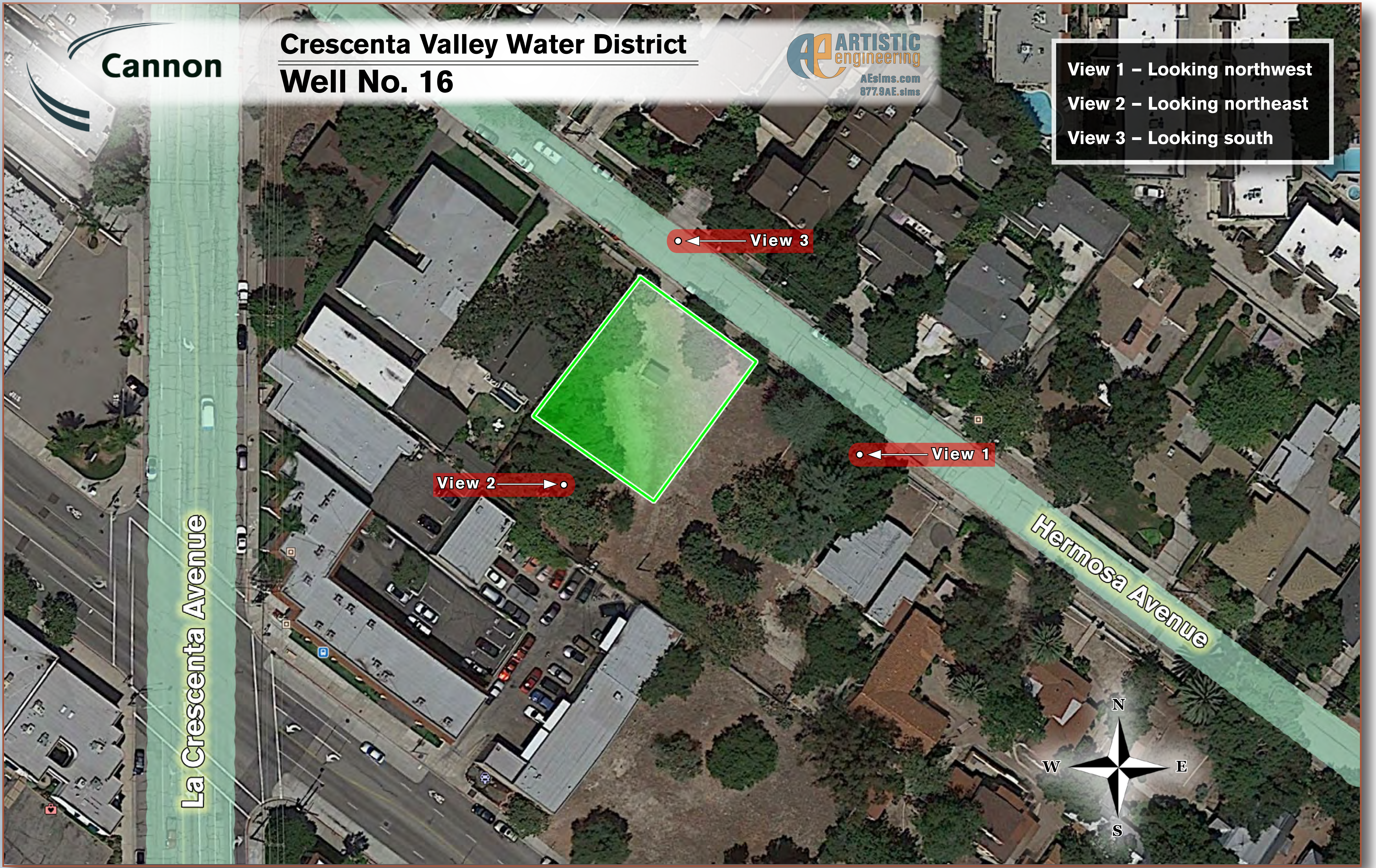
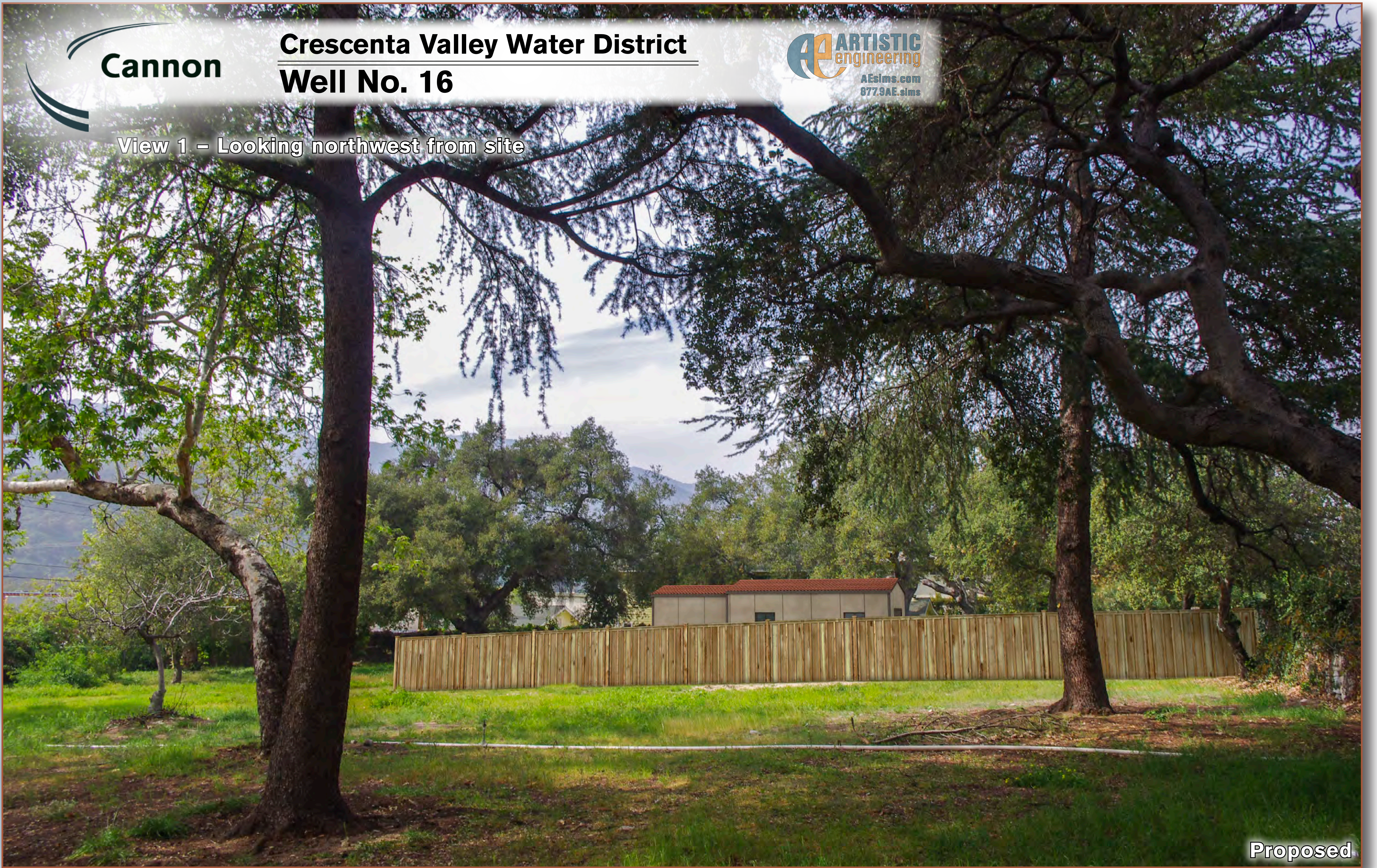
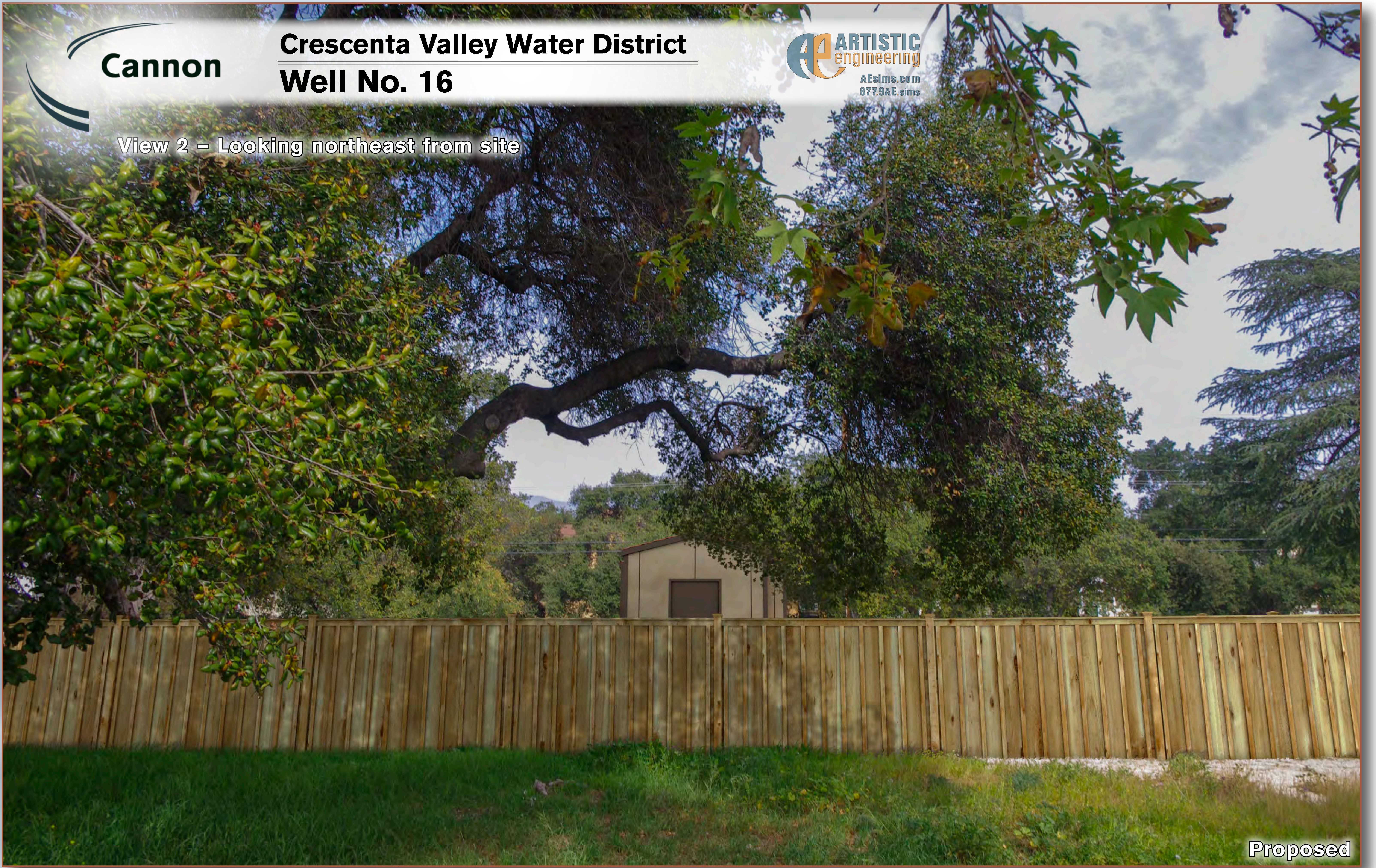
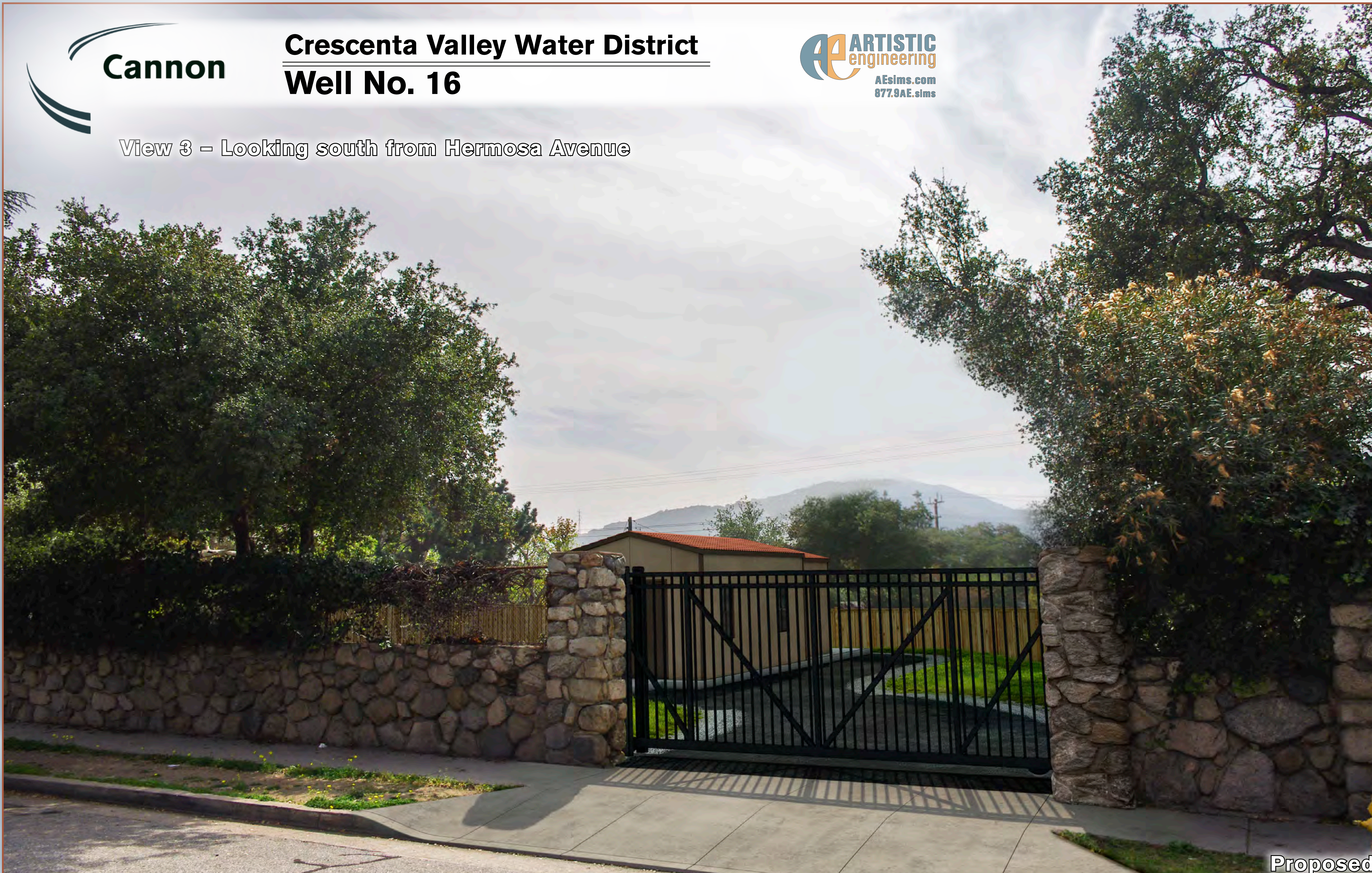
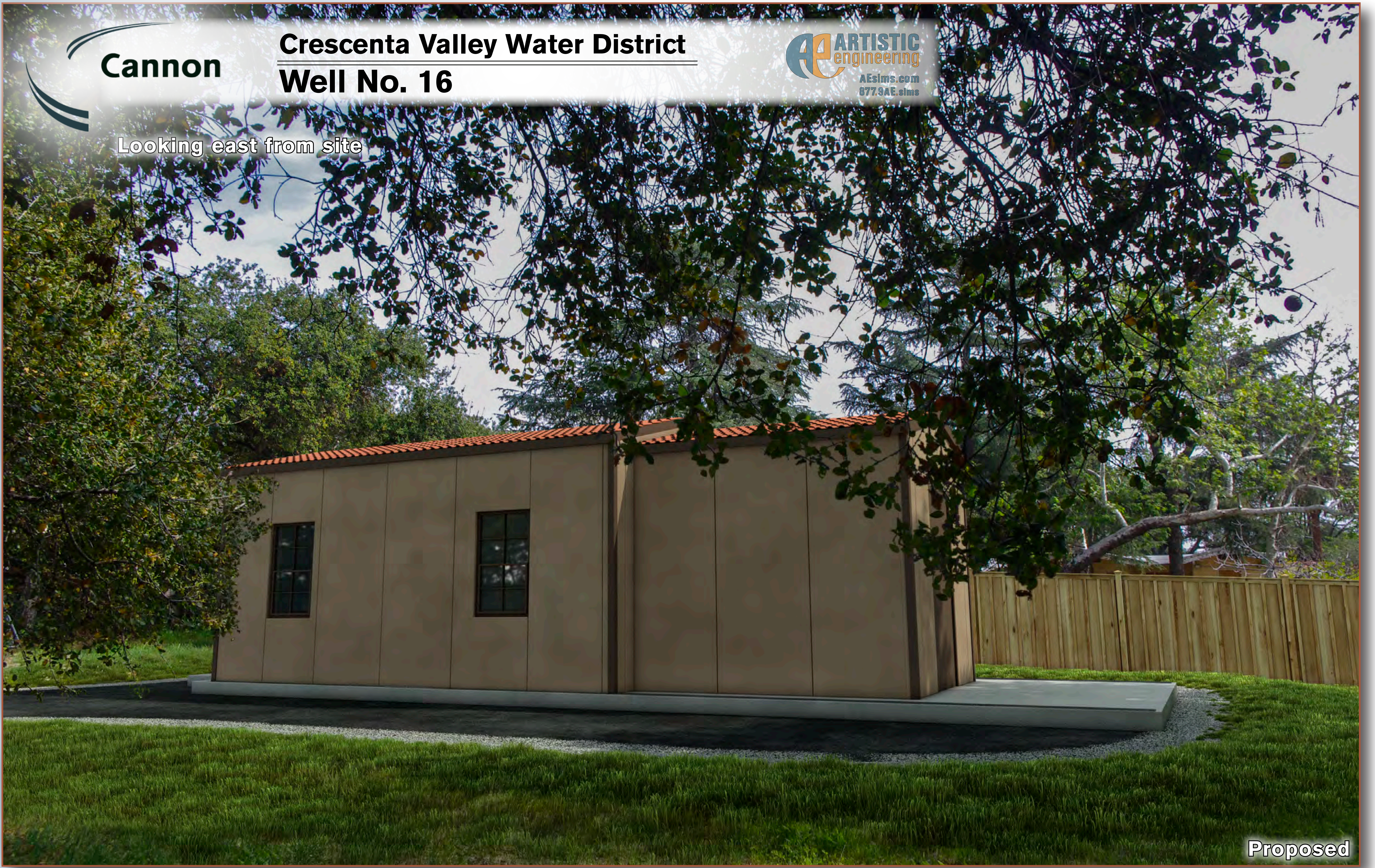


Cannon
Crescenta Valley Water District
Well No. 16
ARTISTIC engineering
AEsims.com
877.9AE.sims
View 1 – Looking northwest
View 2 – Looking northeast
View 3 – Looking south
View 3
View 1
View 2
Hermosa Avenue
La Crescenta Avenue
N
W
E
S


Cannon
Crescenta Valley Water District
Well No. 16
ARTISTIC engineering
AEsims.com
877.9AE.sims
View 1 – Looking northwest from site
Proposed


Cannon
Crescenta Valley Water District
Well No. 16
ARTISTIC engineering
AEsims.com
877.9AE.sims
View 2 – Looking northeast from site
Proposed


Cannon
Crescenta Valley Water District
Well No. 16
ARTISTIC engineering
AEsims.com
877.9AE.sims
View 3 – Looking south from Hermosa Avenue
Proposed


Cannon
Crescenta Valley Water District
Well No. 16
ARTISTIC
engineering
AEsims.com
877.9AE.sims
Looking east from site
Proposed

CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS - STAFF REPORT

Agenda Item No. 4

To: Honorable President and Members of the Board of Directors April 21, 2015

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

Subject: **Rejecting of Bids for Installation of Chlorination Building at Williams Reservoir, Project E-733CS-2**

AGENDA ITEM

1. **Chlorination Station Building at Ocean View Reservoir, Project E-733-CS-2** – Consideration and motion to authorize the General Manager to reject high bids for the construction of a new chlorination station building at Ocean View Reservoir.

BACKGROUND:

In 2008, CVWD received a $606,925 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). In an emergency, water from the interconnection would supply not only CVWD, but could be brought through CVWD's system to FWMD's system and ultimately provide water to the La Cañada Flintridge and Altadena areas. The Proposition 50 Grant is a 50/50 matching fund, where CVWD is matching the $606,925 and the construction cost estimate for the entire project is $1,213,850.

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 Chlorination Station & Metering Vaults at Ocean View Reservoir Project were separated into smaller phases using CVWD crews and specialty contractors to reduce the construction costs of the project. Phase 2 of the project involves the installation of the chlorination building to house the water treatment equipment. The scope of work includes over-excavation of the building foundation and generator pad, concrete building pad, underground pipes and conduits, and prefabricated building with doors, fans, and skylights which will be installed by the contractor.

DISCUSSION:

On February 3, 2015, the Board authorized the General Manager to advertise for bids for the construction of a chlorination station building at Ocean View Reservoir.

A mandatory pre-bid meeting was held on March 18, 2015, which was attended by one (1) contractor. Since this project is funded by a Proposition 50 Grant, a minimum of three (3) contractors need to attend the pre-bid meeting. A new pre-bid meeting was set for April 1, 2015 and three (3) contractors were present at this meeting. CVWD specifications indicate that only contractors in attendance at this meeting are allowed to bid on the project.

On Wednesday April 15, 2015, at 2:00 PM, staff opened and read aloud all bids which were submitted. The Griffith Company of Brea, CA was the only responsible bidder for the subject project at a cost of $196,750. The original engineer's cost estimate was $78,000. The price bid was 152.2% higher than the estimate. Due to the high cost discrepancy, staff contacted all the contractors who declined to bid to investigate what could be causing the price to be so high.

The comments staff received included the scope of work being too small for the amount of paperwork necessary to complete the project. The engineer’s cost estimate for the project was mentioned as being slightly low and seemed to not include costs for obtaining permits, performing labor compliance, and the necessary over-excavation.

Unforeseen additional site work to allow access to the site for larger deliveries would be required. The project schedule of ninety (90) days for manufacturing was a bit low and thirty (30) additional days should have been added to alleviate the contractor's concern of incurring penalties. The complexity of the bid would have diverted too much of their staff time from more straight forward projects with larger profit margins.

RECOMMENDATION:

Staff is recommending that the Board reject all the bids. Staff will re-evaluate the construction cost estimate and the scope of work relative to the Grant and the project schedule. Staff will then provide updated information at a future Engineering Committee meeting for discussion and recommendation to the Board.

Prepared by:	Submitted by:
________________________	________________________
Brook Yared, P.E.	David S. Gould, P.E.
Associate Engineer	District Engineer

Attachment: Bid Summary

G:\Management\Board Meeting Staff Reports\2015\04-21-15 Board Memo - E733CS - OV Bldg - Bid Rejection.docx

CRESCENTA VALLEY WATER DISTRICT

Title: Construction of Chlorination Station and Metering Vaults at Williams Reservoir
E-Job No: E-733CS
Eng's Est: $78,000.00
PM: Brook Yared

BID LOCATION: CVWD's Main Office
TIME: 2:30 PM
DATE: 4/15/15
BY: BY CHECKED: DSG DATE: 4/16/15

				Engineer's Estimate		Griffith Company			
ITEM	DESCRIPTION	QUANTITY		UNIT	AMOUNT	UNIT	AMOUNT		
1	Furnish all labor, material and equipment to mobilize and demobilize, and provide cleanup of construction site, and obtain all required construction permits, complete for the lump sum price of:	1	LS	$ 5,000.00	$ 5,000.00	33,000	$33,000.00		
2	Provide public convenience, safety and traffic control, including warning signs, high level warning devices, delineators, barricades and trench plate bridging, construction area security fencing, project sign complete for the lump sum price of:	1	LS	$ 1,500.00	$ 1,500.00	2,500	$2,500.00		
3	Site demolition, including: tree and pipe removal, existing A.C. pavement and concrete removal, potholing, and miscellaneous grading, etc., complete for the lump sum price of:	1	LS	$ 5,000.00	$ 5,000.00	11,050	$11,050.00		
4	Over Excavation: Removal of spoils material above suitable grade prior to excavation for foundation installation	1	LS	$ 5,000.00	$ 5,000.00	16,200	$16,200.00		
5	Provide all materials equipment and labor to construct Prefabricated Concrete Chlorination Building per the Construction Drawings to the dimensions as shown on the supplemental drawings per the project technical specifications, complete including the concrete slab/footing, generator pad, floor drain, walls, access doors, hardware, Precast Concrete walls, roofing, exhaust fans, vents, skylights, painting, etc., complete for the lump sum price of:	1	LS	$ 60,000.00	$ 60,000.00	129,000	$129,000.00		
6	Furnish all labor, material and equipment to carry out Storm Water Pollution Prevention Plan measures as required by the National Pollutant Discharge Elimination System and City of La Canada Flintridge BMPs complete for the lump sum price of:	1	LS	$ 1,500.00	$ 1,500.00	5,000	$5,000.00		
				EE	$78,000.00	LOW	$196,750.00	2ND	$0.00
							-152.24%		

CRESCENTA VALLEY WATER DISTRICT
BOARD OF DIRECTORS - STAFF REPORT

Action Item No. 5
April 21, 2015

To: Honorable President and Members of the Board of Directors

From: Christy J. Scott

Subject: **Water Conservation Regulations**

ACTION ITEM:

Water Conservation Regulations – Discussion regarding State mandated conservation regulations and steps the District needs to take to be in compliance.

BACKGROUND

Due to the severity of the drought conditions, on July 15th, 2014, the State Water Board (State) approved emergency regulations for urban water conservation. These regulations were set to expire on April 25th, 2015. On March 17, 2015 the State adopted Resolution No. 2015-0015, amending and re-adopting a drought emergency regulation regarding informational orders.

On April 1, 2015, Governor Jerry Brown issued the first ever executive order (Order) with mandatory reductions in water use. The Order mandates the State to implement mandatory water reductions across the State to reduce water usage as reported in 2013 by 25% with areas which have higher per-capita water use, required to achieve greater reductions.

UPDATE

On April 7, 2015, the State issued Draft Regulatory Framework, a Fact Sheet, and a tentative schedule. (See Attached)

On April 10, 2015, Public Comment Closed

On April 14, 2015, Metropolitan Water District (MWD) adopted a Level 3 shortage which calls for a 15% reduction based on the Water Supply Allocation Plan, (WSAP) to become effective July 1, 2015.

On April 17, 2015, the State is expected to release a detailed report explaining how the new rules will work and how quickly fines will be issued. As of the time of this staff report, the new rules have not been posted.

On May 5 or 6, 2015, the State is expected to adopt the final rules.

DISCUSSION:

The regulatory issues which the Order and State regulations will bring are still not finalized. Initial calculations by Mr. Gould suggest that the District would need to reduce water demand by about 500 AF during the specified period ending February 2016 to be in compliance with the state regulations. Further analysis will be presented at the Board Meeting on April 21st, 2015.

As far as the MWD WSAP, as discussed in the previous Board meeting, the District does not anticipate incurring any penalty rates under the stage 3 level which was adopted. Staff will be monitoring this situation closely when the allocation begins in July.

At the time of this report the following watering schedules for our surrounding areas were pending:

Water Agency	Watering Schedule	Time Frame
Glendale	2 days per week - Tuesday and Thursday	Recommending to Council on 4/21/15
Pasadena	2-days per week - Tuesday and Thursday	Recommending to Council on 4/20/2015
So Pasadena	2 days per week - Even addresses - Monday and Thursday Odd addresses - Tuesday and Friday	Recommending to Council on 4/22/2015
Burbank	2 days per week - Tuesday and Thursday	Recommending to Council on 04/21/2015
CVWD	2 days per week - Tuesday and Thursday	05/01/2015 tentative
FMWD	2 days per– Days not specified	4/20/2015
La Canada Irrigation District	2 days per week – Even addresses Wednesday and Sunday Odd addresses Tuesday and Saturday	4/20/2015

Prepared by:

C. J. Scott

Christy J. Scott

Submitted by:

Ron Mitchell for T. L.

Thomas A. Love, P.E.,
General Manager

Attachment:

1. State Draft Regulations and Fact Sheet

Content of Emergency Rulemaking Package

This rulemaking package will address the following provisions of the April 1, 2015 Executive Order:

Ordering Provision 2:	Mandatory 25% reduction in potable urban water use;
Ordering Provision 5:	Commercial, industrial and institutional potable water use reductions;
Ordering Provision 6:	Prohibition on using potable water for irrigation of ornamental turf in street medians; and
Ordering Provision 7:	Prohibition on using potable water for irrigation outside of new home construction without drip or micro-spray systems.

Rate structures and other pricing mechanisms, which are very important tools for reducing water use, will be taken up in the coming weeks as required by Ordering Provision 8.

How You Can Help

To meet a mid-May to June 1 timeline for implementation of the emergency regulation, interested persons and organizations will be requested to provide input within one week of a document's release. To assist the Board in most thoughtfully addressing this dire situation, please consider the following general questions as you prepare your comments:

1. Are there other approaches to achieve a 25% statewide reduction in potable urban water use that would also impose a greater responsibility on water suppliers with higher per capita water use than those that use less?
2. How should the regulation differentiate between tiers of high, medium and low per capita water users?
3. Should water suppliers disclose their list of actions to achieve the required water reductions?
4. Should these actions detail specific plans for potable water use reductions in the commercial, industrial, and institutional (CII) sectors?
5. Should additional information be required in the monthly conservation reports for urban water suppliers to demonstrate progress towards achieving the required water reductions?
6. How and when should compliance with the required water reductions be assessed?
7. What enforcement response should be considered if water suppliers fail to achieve their required water use reductions?

How to Provide Input

Information including discussion drafts, draft regulations and related materials will be available on the State Water Board's website at:
http://www.waterboards.ca.gov/waterrights/water_issues/programs/drought/emergency_mandatory_regulations.shtml . Clear and concise written comment and questions can be sent to Jessica Bean at jessica.bean@ waterboards.ca.gov.

MANDATORY CONSERVATION
ACHIEVING A 25% STATEWIDE REDUCTION IN POTABLE URBAN WATER USE

FACT SHEET

Background

With California facing one of the most severe droughts on record, Governor Brown declared a drought State of Emergency in January 2014. Since that time, the Governor has issued three additional Executive Orders directing actions to prepare for water shortages. For the first time in state history, the Governor, in his April 1, 2015 Executive Order, directed the State Water Board to implement mandatory water reductions in cities and towns across California to reduce potable urban water usage by 25 percent statewide. This savings amounts to approximately 1.3 million acre-feet of water over the next nine months, or nearly as much water as is currently in Lake Oroville. To achieve these savings, the State Water Board is expediting emergency regulations to set usage targets for communities around the State.

Applicability

The mandatory water reductions, along with specific restrictions on commercial, industrial and institutional irrigation uses, apply to urban water suppliers as defined in water code section 10617, excluding wholesalers. Generally, urban water suppliers serve more than 3,000 customers or deliver more than 3,000 acre feet of water per year. Suppliers regulated by the Public Utilities Commission are included in the mandatory water restrictions. The Executive Order requests that the Public Utilities Commission require investor-owned water utilities to implement reductions consistent with the State Water Board requirements for all other urban water suppliers. The specific restrictions and prohibitions on water use in the Executive Order apply to all Californians and are in addition to the specific restrictions and prohibitions contained in the emergency conservation regulation approved by the Office of Administrative Law (OAL) on March 27, 2015.

Proposed Schedule

The State Water Board is expediting the development and adoption of additional regulations to implement the new restrictions and prohibitions contained in the Executive Order. There will be several opportunities for stakeholder involvement prior to the release of the formal notice of emergency rulemaking. The first opportunity follows the release of a Proposed Regulatory Framework and the second will follow the release of draft a regulation, as follows:

• Governor issues Drought Executive Order	**April 1, 2015**
• Notice announcing release of draft regulatory framework and request for public comment	**April 7, 2015**
• Notice announcing release of draft regulation for informal public comment	**April 17, 2015**
• Emergency rulemaking formal notice	**April 28, 2015**
• Board hearing and adoption	**May 5 or 6, 2015**

MANDATORY CONSERVATION
PROPOSED REGULATORY FRAMEWORK

The Governor's April 1, 2015 Executive Order directs the State Water Board to impose restrictions to achieve an aggregate statewide 25% reduction in potable urban water use through February 2016. The Executive Order stipulates the 25% reduction in water use as compared to 2013, but proposes flexibility in how to achieve this reduction in recognition of the level of conservation already achieved by many communities around the State.

Input Requested: The State Water Board is interested in receiving feedback on these regulatory concepts as well as other ideas on how a 25% reduction could be structured. Please submit comments and ideas on the proposed framework by email to Jessica Bean at Jessica.Bean@waterboards.ca.gov by April 13, 2015.

Urban Water Suppliers

I. **Apportioning Water Supplier Reductions:** The Executive Order directs the State Water Board to consider the relative per capita water usage of each water suppliers' service area, and have those areas with high per capita use achieve proportionally greater reductions than those with low use. Reporting on residential per capita (R-GPCD) water use began in October 2014 for the September 2014 reporting period. Residential per capita water use is highest during the summer months when outdoor irrigation demand is high. Reported summertime water use is also generally more consistent because the weather varies less from year to year than during the winter. Accordingly, September 2014 R-GPCD serves as a reasonable basis for placement of the 411 urban water suppliers into four categories as follows:

R-GPCD Range (Sept 2014)	# of Suppliers within Range	Conservation Standard
Under 55	18	10%
55-110	126	20%
110-165	132	25%
Over 165	135	35%

The proposed breakdown of water suppliers into R-GPCD groupings with corresponding conservation standards is intended to equitably and effectively achieve a 25% aggregate statewide reduction in potable urban water use.

II. **New Reporting Requirements:** To assess compliance by commercial, industrial, and institutional (CII) sector customers and actions taken by urban water suppliers to reduce CII sector use, the following additional reporting requirements are proposed:

- Monthly commercial sector use;
- Monthly large landscape commercial customer use (e.g. golf courses, amusement parks);
- Monthly industrial sector use;
- Monthly institutional sector use; and
- Monthly large landscape institutional customer use (e.g. cemeteries, college campuses).

Reporting requirements under the existing Emergency Regulation that took effect March 27, 2015, will remain in effect.

III. **Compliance Assessment:** To determine if urban water suppliers are meeting required use reductions, water production data, as reported by each individual water supplier for the months of June 2015 through February 2016, will be compared to the same period(s) in 2013. Given the severity of the current drought, the State Water Board will assess suppliers' compliance for both monthly and cumulative water usage reductions.

IV. **Enforcement:**

The State Water Board has a variety of tools available to enforce its regulations:

- Informal enforcement, such as warning letters, can provide a clear reminder to water suppliers of the requirements and an alert that their conservation programs are not achieving the desired water savings. Warning letters would generally not be accompanied by monetary penalties
- Formal enforcement actions include Cease and Desist Orders (CDO) to stop non-compliant activity. These Orders generally contain a description of the specific actions, and a timeline for implementing them, required for the recipient to return to compliance. Non-compliance with a CDO during a drought emergency, such as the current one, can result in a complaint to assess Administrative Civil Liabilities of up to $10,000 for each day of non-compliance.

In addition to these existing tools, other tools may be needed to ensure compliance for the short duration of the regulations. These tools would be developed through the emergency rulemaking and would be remain in effect for its duration (270 days unless extended by the State Water Board). The tools include:

- Informational Orders that would enable the Board to require specific data and other facts on conservation practices if conservation targets are not being met.

- Conservation Orders that would go into effect immediately upon receipt, as opposed to CDOs that can only be issued and enforced after the State Water Board holds an evidentiary hearing, if one is requested. A conservation order would describe the specific actions required for the recipient to come into compliance with the requirements of the regulation. Issuance of a conservation order would be subject to reconsideration by the Board and violation of a conservation order would not be subject to the enhanced penalties associated with violation of a CDO during a drought emergency.

The tools will be used alone, or in combination, to address the following compliance problems:

- Failure of water suppliers to file reports as required by the regulation;
- Failure to implement prohibitions and restrictions as described in the Governor's Executive Orders and the emergency regulation; and
- Failure of water suppliers to meet the assigned water use reduction target.

Small Water Suppliers

There are over 2,600 small water suppliers (those with fewer than 3,000 service connections) that provide water to over 1.5 million Californians. Under the existing Emergency Regulation that took effect March 27, 2015, these suppliers are required to either limit outdoor irrigation to no more than two times per week or to institute measures that achieve a 20% reduction in use. Small suppliers are not required to report their water production to the Board, but are expected to have the data available on request. Small suppliers will need to contribute to achieving the statewide 25% potable urban water use reduction called for in the Executive Order.

I. **Apportioning Water Supplier Reductions:** Up until the release of the April 1, 2015 Executive Order, all water suppliers were being asked to achieve a voluntary 20% reduction in water use. The existing emergency regulation assigns responsibilities to both larger urban water suppliers and small suppliers to restrict irrigation to achieve the 20% reduction target. Under this proposal, small water suppliers would be required to achieve a 25% water savings as compared to their 2013 water use under the new regulation.

II. **Reporting Requirements:** To date, small water suppliers have not been required to report on their water use or conservation measures. Small suppliers would now be directed to provide a one-time report to the State Water Board, 180 days after the effective date of the new emergency regulation, addressing at a minimum:

- Potable water production from June-November 2013 and June-November 2015;
- The number of days per week outdoor irrigation is allowed and other restrictions implemented to achieve a 25% water use reduction; and
- Specific restrictions on CII sector use.

III. **Compliance Assessment:** Compliance would be based upon whether small suppliers submitted the required data and met the 25% water use reduction requirement.

IV. **Enforcement:** The State Water Board may use any of the tools discussed above, as appropriate.

Additional Prohibitions and End-User Requirements

The State Water Board's existing emergency regulation includes a number of water use prohibitions that apply to all Californians and end-user restrictions that apply to specific water users, such as restaurants and hotels. These existing restrictions will remain in effect, and consistent with the Executive Order, the following new prohibitions will be put in place:

- The use of potable water outside of newly constructed homes and buildings that is not delivered by drip or micro-spray systems will be prohibited; and
- The use of potable water to irrigate ornamental turf on public street medians will be prohibited.

The State Water Board will also consider adding requirements for large landscape users (e.g. commercial, industrial, institutional) not served by either type of water supplier discussed above to achieve the 25% statewide reduction in potable urban water use.

CRESCENTA VALLEY WATER DISTRICT
BOARD OF DIRECTORS - STAFF REPORT

Action Item No. 6

To: Honorable President and Members of the Board of Directors April 21, 2015

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

Subject: **Discussion of Feasibility Study for a Recycled Water Facility, Project E-951B**

ACTION ITEM:

Discussion of Feasibility Study for a Recycled Water Facility – Discussion of a "draft" feasibility study for a potential recycled water project at Two Strike Park

BACKGROUND:

CVWD awarded a consultant contract to SA Associates to prepare a feasibility study to use recycled water at LA County's Two-Strike Park. This study will explore using local sewage as source water, which will go through an MBR plant for treatment, the recycled water will be used to irrigate the park and used for groundwater recharge.

DISCUSSION:

Staff met with Mr. Shahnawaz Ahmad and Mr. John Robinson from SA Associates in February 2015 to go over the goals, parameters and location of the study. SA Associates used this data and information to prepare the "draft" feasibility study.

SA Associates utilized this information and other information including discussions with permitting agencies and manufacturers of the wastewater treatment equipment, site visits to Two-Strike Park, engineering analysis of the wastewater flows in Rosemont Avenue and other factors to prepare the feasibility study on recycled water.

Mr. Ahmad and Mr. Robinson prepared a PowerPoint presentation for the Engineering Committee of the feasibility study for review, discussion and input. A copy of this presentation has been included. The preliminary cost estimate for the project was $6.6 million, funding for the project was also discussed.

The Engineering Committee recommended that the concept of using recycled water for local parks or Caltrans right-of-way be discussed further at the Board meeting. In addition, the Engineering Committee requested that Mr. Ahmad and Mr. Robinson present the PowerPoint presentation at the May 5th Board Meeting.

ENVIRONMENTAL REVIEW:

N/A

FUNDING AVAILABILITY:

N/A

Prepared by:	Submitted by:
David S. Gould, P.E. District Engineer	Thomas A. Love General Manager

Attachment:

1. PowerPoint presentation – "Recycled Water Feasibility Study – dated April 2015.

\\fscvwd\data\management\board meeting staff reports\2015\04-21-15 board memo - recycled water prelim.docx

CVWD

SA ASSOCIATES

JOHN ROBINSON CONSULTING, INC.

RECYCLED WATER FEASIBILITY STUDY

TWO-STRIKE PARK, LA CRESCENTA, CA.

APRIL, 2015

RECYCLED WATER PROJECT FEASIBILITY

BACKGROUND AND PURPOSE

RECYCLING WATER FACILITY - ASSESSMENT, LOCATION, AND TREATMENT PROCESSES

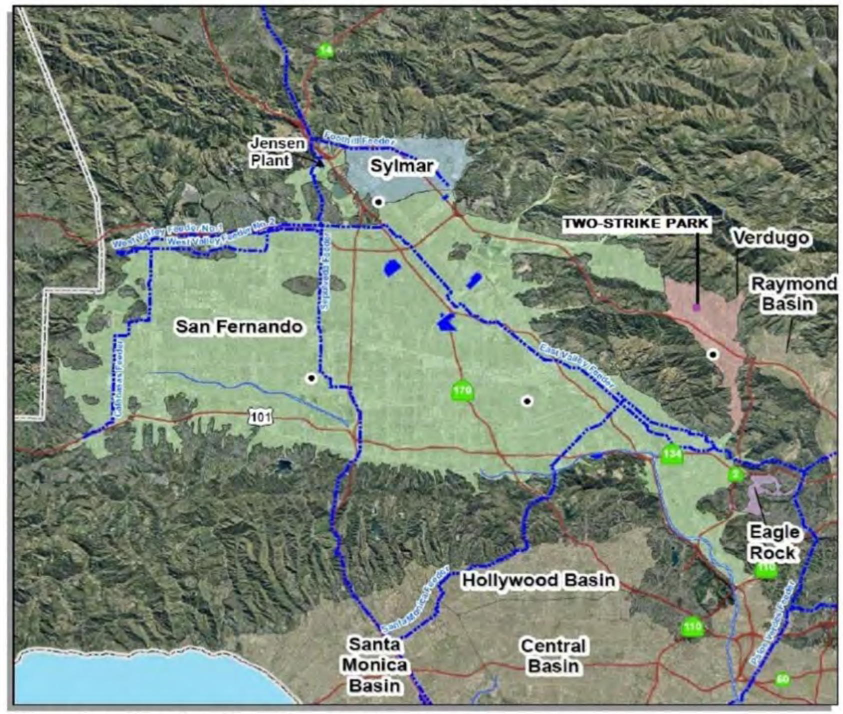
CONSTRUCTION AND O&M COSTS

RECOMMENDATIONS AND NEXT STEPS

FUNDING ALTERNATIVES

Background and Purpose

- STUDY AREA WITH WASTEWATER FLOWS AND CHARACTERISTICS
- RECYCLED WATER IRRIGATION AND GROUNDWATER RECHARGE
- RECYCLED WATER TREATMENT PLANT ASSESSMENT
- TREATMENT PROCESS



Upper Los Angeles River Area Basin

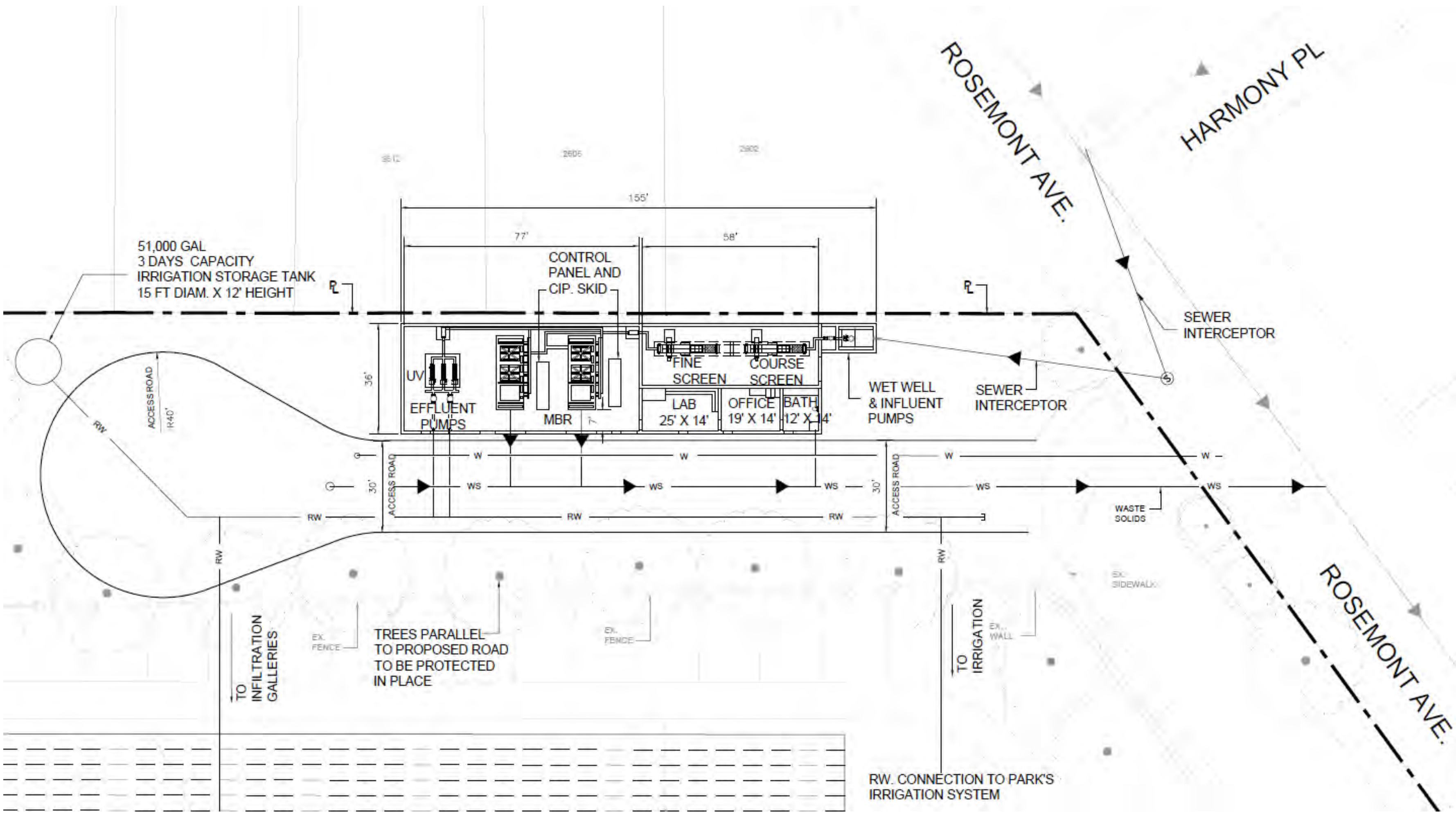
●	Key Well	▪▪▪▪▪▪	MWD Pipeline
■	Recharge Basins	—	Freeways (TBM)
⬚	County	■	Adjacent Basin
■	Water Body	■	Basin (color varies by subbasin)
▲	MWD Facility		

RECYCLING WATER ASSESSMENT

- PERMITTING REGULATORY REQUIREMENTS
- IRRIGATION AND INFILTRATION GALLERIES
- SITE, CONSTRAINTS, AREA REQUIREMENTS
- TREATMENT PROCESSES

RECYCLING WATER LOCATION

RECYCLED WATER FACILITY LAYOUT



CONSTRUCTION AND O&M COSTS

PRELIMINARY COST ESTIMATE				
CRESCENTA VALLEY WATER DISTRICT (CVWD) MBR / UV RECYCLED WATER FEASIBILITY STUDY TWO-STRIKE PARK, LA CRESCENTA, CA				
Task	**Quantity**	**Units**	**Unit Cost**	**Total**
Site Work	1	LS	28,600.00	28,600.00
Sewer Connection (Interceptor and connection)	200	LF	88.00	17,600.00
Headworks	1	LS	41,200.00	41,200.00
MBR System (including taxes)	1	LS	1,743,500.00	1,743,500.00
UV Disinfection System (including taxes)	1	LS	275,000.00	275,000.00
Concrete Works (Basin - Equipment Slabs)	1	LS	64,100.00	64,100.00
Building Structure (Treatment Plant)	1	LS	521,000.00	521,000.00
Access Road (Treatment Plant)	1	LS	61,300.00	61,300.00
Irrigation Tank - Storage	1	LS	108,000.00	108,000.00
Yard Piping	1	LS	127,800.00	127,800.00
Electrical/Instrumentation/Controls	1	LS	95,000.00	95,000.00
Infiltration Galleries	88,078	SF	3.50	308,273.00
Monitoring Well	2	EA	75,000.00	150,000.00
Irrigation Restoration	88,078	SF	2.00	176,156.00
Park Restoration	88,078	SF	2.50	220,195.00
Park Recycled Water Retrofit	1	LS	35,000.00	35,000.00
Subtotal				**3,973,000.00**
Construction Contingency			25%	993,000.00
Subtotal				**4,966,000.00**
Engineering/Legal/Admin			20%	993,000.00
Construction Management			8%	397,000.00
Soils Engineering			5%	248,000.00
Total Capital Cost				**6,604,000.00**
O&M Cost				
Annual O&M	1	$/yr	165,000.00	165,000.00
Total O&M Cost				**165,000.00**

RECOMMENDATIONS AND NEXT STEPS

- MBR / UV Treatment to produce Title 22 recycled water
- Irrigation and Groundwater Recharge
- Small Foot Print and Potential Site Expansion

- Conduct a Thorough and Detailed Study for:
- Hydro Geological Conditions
- Economic and Legal Aspects Concerning the Recharge
- Degree of Public Acceptance
- Environmental, Legal, Social, and Economic Impacts to the Stakeholders

LOCAL, STATE AND FEDERAL FUNDING

- **CVWD**: Debt / Bond Issuance – Water Rates Surcharge
- **MWD:** Local Resources Program
- **MWD:** Recycled Water Retrofit Pilot Program
- **SWRCB:** WRFP / SRF
- **SWRCB:** Proposition 1
- **DWR:** Proposition 84, 2015 Round
- **USBR:** Title XVI Programs

CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS - STAFF REPORT

Agenda Item No. 7

To: Honorable President and Members of the Board of Directors — November 19, 2014

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

Subject: **Request for Qualifications for Annual Consulting Services Contracts for Assistance with Grants, Project M-951**

ACTION ITEM:

Request for Qualifications for an Annual Consulting Services Contract, Project M-951 – Discussion and possible motion to retain a professional consulting firm to provide assistance with obtaining grants for the District

BACKGROUND:

At the Engineering Committee meeting on April 17, 2015, staff and the Engineering Committee discussed possible funding mechanisms for projects such as the infiltration galleries at Crescenta Valley County Park, the reactivation of Well 2 at Ordunio Reservoir, the Recycled Water Project at Two-Strike Park and the Water Meter Replacement project.

A number of grant funding or low-interest loan programs are available from the Federal and State governments such as Proposition 13 – Recycled Water, Proposition 84, the recently passed Proposition 1, the State and Federal Drinking Water State Revolving Fund (SRF), the US Bureau of Reclamation, WaterSMART Program and MWD Local Resource Program.

DISCUSSION:

Staff indicated with its current workload they would need the services of a consulting firm specializing in preparing and submitting grants to the State or Federal agencies. The Engineering Committee suggested that staff prepare a request for qualifications with a short scope of work that will be sent to consulting firms that have a proven track record in obtaining grant funding for other agencies throughout Southern California. The Engineering Committee also requested that this item be discussed further at the April 21st Board meeting.

RECOMMENDATION:

It is staff's recommendation to prepare a request for qualification for consulting services. This request would be sent to a number of firms to provide grant assistance services. After reviewing the qualifications, staff will meet with the Engineering Committee to provide a recommendation to the Board. Staff will also provide a preliminary cost for services after reviewing the scope of work and qualifications.

ENVIRONMENTAL REVIEW:

N/A

FUNDING AVAILABILITY:

N/A

Prepared by:

D S Gould

David S. Gould, P.E.
District Engineer

Submitted by:

Thomas A. Love
General Manager

CRESCENTA VALLEY WATER DISTRICT
BOARD OF DIRECTORS - STAFF REPORT

Action Item No. 8
April 21, 2015

To: Honorable President and Members of the Board of Directors

From: Ron L. Mitchell – Secretary-Treasurer

Subject: **FY 2015/16 Water and Wastewater Budgets**

ACTION ITEM:

FY 2015/16 Water and Wastewater Budgets and Proposition 218 Notification for Proposed Water Rates and Charges – Discussion regarding setting tier rate structure set points for proposed water rates and consideration and motion to authorize staff to mail Proposition 218 notification letters for proposed increases to water rates and charges.

New Information for the April 7, 2015 Board meeting

At the April 7th Board meeting staff was authorized to fill two vacancies, maintain the IT Technician position at 40 hours/week through the 2015/16 fiscal year and elevate the Customer Service position to 40 hours/week. Also, to adjust the budget back to accommodate 1,000 water meters and related expenses and to incorporate into the budget the change in salary for the new General Manager.

The Board at that meeting also discussed water rate tier set points and reviewed two spreadsheets which showed that if we keep the set points intact for all 4 tiers there will be a shortfall of revenue from Single Family Residents (SFR) of $163,231. The second table showed that if we lower the range for tier 1 from 0-10 units to 0-7 units and lower the range for tier 2 from 33 units to 27 units, then we are basically matching the revenue requirements for SFR. Staff was asked to meet with the Finance Committee and bring back more options to be considered.

Discussion

Staff met with the Finance Committee on April 10th and provided the information requested (see Finance Committee minutes included in this packet). Staff has included in this packet updated O & M Expense Tables and Total Sources Tables (WB-4, WB-9 & WWB-4, WWB-7 for Water & Wastewater respectively) for your review approved by the Committee.

The Committee also reviewed four options for setting water rate tier set points and is in favor of option 4 which is also included in this packet. Option 4 is an 8.2% increase in water rate and reduces the tier 3 & 4 set points by 25% to match the Executive Order given by Governor Brown. This option moved the set points for tier 2 from 11-33 units to 11-25 units, tier 3 from 34-50 units to 26-37 units and the set point for tier 4 from 51 to 38 units. The result is that we are projected to collect $105,379 more than required from SFR but this will help offset the loss of revenue expected with the mandatory reduction in consumption.

Staff informed the Committee that all options are still based upon 4,100 AF of water production and do not include the potential loss of revenue due to the 25% reduction in water usage called for by Governor Brown. The Committee and staff discussed various methods for calculating and implementing a drought surcharge and decided to move forward with the Proposition 218 notices as planned and will address the surcharge later with the entire Board.

The Committee recommended staff to prepare two Proposition 218 Notices; one based upon option 1 (8.2% increase and retaining the current set points at all tiers) and a second based upon option 4 and asked that they be presented to the Board at the April 21st meeting for full discussion. Copies of both Proposition 218 Notices are included for your review. Staff is asking the Board to approve the appropriate Notice so they can be mailed timely to meet the scheduled Public Hearing on June 16, 2015.

Information previously provided to the Board at the April 7, 2015 meeting

At the March 17, 2015 Board meeting, staff was asked about the communications expenses and to improve the descriptions of those accounts to make it more clear what services the District is receiving in both the Water and Wastewater budgets. The Board also directed staff to reduce the Turf Rebate program back to $35,000, reduce the Election Expense to $40,000 for both Water and Wastewater, and keep the increased amount of spending related to accelerating the water meter replacement program. Staff made those changes to the appropriate tables for both Water and Wastewater (Table WB-4 and WWB-4 respectively) and updated the Tables WB-9 and WWB-7 respectively to show the changes to reserves and reviewed them with the Finance Committee on March 27th.

Every year staff does a thorough analysis of consumption data for single family residences (SFR) to determine if our tier rate set points are appropriate. Staff met with the Finance Committee and discussed that the District currently has four tiers with tier 1 at a cost below our cost of service, tier 2 equal to our cost of service and tiers 3 and 4 at higher rates to encourage water conservation. The goal is to be "revenue neutral" where the percentage of bills in tier 1 should be equal to the percentage of bills in tiers 3 & 4 and the total revenue collected should be equal to the value if all units were billed at the tier 2 rates.

Staff reviewed with the Finance Committee two spreadsheets on the tier rate set points, a graphic summary of expenses vs. revenues, and what the cost per unit should be to cover those costs. The first table showed that if we keep the set points intact for all 4 tiers there will be a shortfall of revenue from SFR of $163,231. The second table showed that if we lower the range for tier 1 from 0-10 units to 0-7 units and lower the range for tier 2 from 33 units to 27 units, then we are basically matching the revenue requirements for SFR. The Committee asked several questions on how this data was determined and about the possibility of having a higher rate increase for tiers 3 & 4 to further encourage conservation. The Committee was not in favor of moving the existing set points and determined that this needs to be a full Board discussion.

Staff has prepared the draft Proposition 218 notification for changes to water rates and charges and has included it in this report. However, with the recent executive order from Governor Brown mandating reduction in per capita water usage and the uncertainty of exactly what that reduction will mean to the District, staff has been asked to develop a "Drought Surcharge" to be included in our water rates and charges. Staff is working on this element, but has not had enough time to have it included in this draft. This issue needs to be discussed further with the Board along with direction on how to proceed with the Proposition 218 notification process.

Information previously provided to the Board at the March 17, 2015 meeting

Staff presented the first draft of the FY 2015/16 Water and Wastewater Budgets at the March 3, 2015 Board meeting. At that time staff had the Board primarily focus on water production numbers as they are the key to projecting revenues. The Board agreed with staff's recommendation to project 4,100 AF less shrinkage for the FY 2015/16. The Board also asked staff to consider other items to include in the budget which included accelerating the water meter replacement program, reducing the amount of the Turf Rebate program for the upcoming year, reducing overtime figures and reviewing labor expenses related to transfers to capital improvement projects, and installing seismic sensor valves at two reservoirs.

Staff has gone back and reviewed these areas and made changes to the various tables shown on the first draft of the FY 2015/16 Water and Wastewater Budgets. The areas of change are described below and are highlighted in gray on the attached Cash Flow Models.

Water Cash Flow Model:

Table WB-1 No changes.

Table WB-2 No changes.

Table WB-3 Revised projected interest earnings for water and MTBE funds to reflect what staff believes will be the amounts for FY 2014/15 and FY 2015/16; Lowered expected revenues for Late Fees due to increased usage of online payment options; Revised the projected revenue for FY 2014/15 for Meter Installation/Hydrant Charges due to a large one-time project to install five new meters for Caltrans in FY 2014/15; Rental Income remained the same for FY 2015/16.

Table WB-4 Revised the OT downward as FY 2014/15 had a number of extraordinary events that staff anticipates will not happen again in FY 2015/16; Eliminated the Labor Transfer to Capital in the projected FY 2014/15 as those transfers are already accounted for in the project labor costs shown in the model; Reduced the Lab & Sampling expense from $80,000 to $65,000 as there were extraordinary sampling for the State in FY 2014/15; Increased the amount of Meters-Maintenance from $275,000 to $425,000, the amount of Meters-Paving from $275,000 to $315,000 and the amount of Meters-Lateral Leaks from $150,000 to $200,000. This was done to reflect the cost of purchasing an additional 1,000 meters in FY 2015/16 and the expected discovery of lateral that would need to be replaced along with the additional cost of paving for those replacements; Reduce the amount of the Turf Rebate program from $110,000 for FY 2014/15 to $50,000 for FY 2015/16.

Table WB-5 No changes.

Table WB-6 No changes.

Table WB-7 Revised Capital Improvements to reflect expected projects for pipelines and boosters and the addition of seismic sensor valves at Dunsmore and Pickens Reservoirs.

Table WB-8 The target reserve levels are a calculated number and changed due to the changes in revenues and expenses described above.

Table WB-8A No changes.

Table WB-9 This table summarizes all the previous tables and reflects the changes in projected revenues and expenses described above. Staff has left the projected rate increases that were a part of the FY 2014/15 Cash Flow Model and can provide changes at the meeting if requested.

Wastewater Cash Flow Model:

Tables WWB-1, WWB-2, and WWB-3 No changes.

Table WWB-4 Eliminated the Labor Transfer to Capital in FY 2014/15 as those transfers are already accounted for in the project labor costs shown in the model.

Table WWB-5 The target reserve levels are a calculated number and changed slightly due to the changes in labor expenses described in Table WWB-4.

Table WWB-6 No change.

Table WWB-7 This table summarizes all the previous tables and reflects the change in projected expenses described above. Staff has left the projected rate increases that were a part of the FY 2014/15 Cash Flow Model and can provide changes at the meeting if requested.

Staff's goal is to gather input from the Board related to the revenues, expenses, and capital improvements to finalize the budgets and begin to prepare the Proposition 218 notices for review at the Finance Committee meeting scheduled for March 27, 2015.

Information previously provided to the Board at the March 3, 2015 meeting

An essential element of preparing the annual budget is estimating the water production and sales for the coming fiscal year. The water production and sales projections are used to determine the anticipated revenue from water sales. This is a major factor in determining any potential water rate increases necessary to meet the estimated maintenance and operation expenses, capital outlay and improvements, cost of imported water, and to maintain the water reserve funds at the necessary target reserve level.

Staff also uses these water projections as part of setting the 5-year budget, which is used by the Board of Directors to determine the future needs of the District.

Staff met with the Finance Committee on February 26, 2015 and presented the first draft of the FY 2015/16 Water and Wastewater budgets, which included the proposed water production and sales projections.

Staff also has included as part of this action item, a memorandum which describes the methodology and assumptions used by staff to develop the water production, expenses, capital outlay, and capital improvements for the FY 2015/16 Water and Wastewater budgets.

There are a number of variables that are considered by staff when preparing the annual water projections and sales projections such as:

- The continued State-wide drought conditions
- Less than average rainfall in 2014 and 2015
- Decrease capacity of CVWD's groundwater wells
- Increase in the District's water conservation efforts
- The economic trends within the Crescenta Valley and the Los Angeles area
- Meeting the 20% reduction of water demand by 2020 requirements (5,147 ac-ft/yr)
- MWD's Water Supply Allocation Plan which could possibly start in July 2015 or sooner
- Historic water production data
- Unaccountable water loss through water main or lateral leaks and inaccurate meter readings

As part of the planning for last year's FY 2014/15 budget, staff projected 4,500 ac-ft of water would be produced with an 8% reduction due to water loss. This was a reduction of 5.9% in water production from FY 2013/14. As FY 2014/15 progresses, it appears that water production will be about 4,200 ac-ft, which reflects the community's response to the request for water conservation.

Staff used the current trends as a basis for looking at future water production and sales projections for FY 2015/16 and beyond.

Staff used these factors to develop water projections for the next five (5) fiscal years as shown in the attached Table 1. Staff anticipates that water production will reduce in FY 2015/16 to 4,100 ac-ft in response to the current drought condition. Staff is anticipating a slight increase of 100 ac-ft per year (or 2% increase) over the next five (5) years. These water production and sales projections were used as part of the draft FY 2015/16 budget.

Staff is looking for input from the Board to support or recommend changes to the anticipated water production and sales projection assumptions, as they are an important factor in determining potential revenues for water sales.

The Finance Committee also asked several questions related to expenses and capital improvements as outlined in the various tables included in this package. In particular, the Finance Committee requested information from staff on how to expedite the replacement of water meters and developing an AMI system, discussed the water conservation turf rebate program and to what level this program should be funded by the District, and the importance of completing the installation of seismic sensors and valve actuators at reservoir sites. Staff will be looking for direction from the Board on these issues as well.

Any recommendations, along with those already received from the Finance Committee, will be included in the next draft as part of the March 17th Board meeting.

Prepared by:

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Secretary-Treasurer

Submitted by:

Thomas A. Love
General Manager

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Wastewater Budget Table WWB - 4 Operation and Maintenance Expenses - FY 15/16 - Preliminary

Description	Recorded FY 2012-13	Recorded FY 2013-14	Budget FY 2014-15	Projected FY 2014-15	Budget FY 2015-16	Forecast FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20
TREATMENT AND DISPOSAL CHARGES									
Los Angeles ASSSC	$ 865,052	$ 916,312	$ 1,725,300	$ 922,000	$ 1,523,480	$ 1,523,480	$ 1,523,480	$ 1,523,480	$ 1,523,480
Los Angeles ASSS Facilities Charges	$ 33,400	$ 35,000	$ 35,000	$ 35,000	$ 35,000	$ 35,000	$ 35,000	$ 35,000	$ 35,000
TOTAL TREATMENT AND DISPOSAL CHARGES	$ 898,452	$ 951,312	$ 1,760,300	$ 957,000	$ 1,558,480	$ 1,558,480	$ 1,558,480	$ 1,558,480	$ 1,558,480
COMPENSATION AND BENEFITS									
Director Fees	$ 8,280	$ 8,370	$ 8,000	$ 8,000	$ 8,000	$ 8,000	$ 8,000	$ 8,000	$ 8,000
Labor									
Officer Salaries	$ 139,364	$ 144,628	$ 153,000	$ 142,000	$ 164,500	$ 171,500	$ 177,500	$ 184,500	$ 191,500
Administrative Services Labor	$ 221,670	$ 239,655	$ 279,000	$ 255,000	$ 285,000	$ 262,000	$ 268,000	$ 273,000	$ 277,000
Administrative Services Labor - OT	$ 7,491	$ 6,127	$ 6,000	$ 4,000	$ 3,000	$ 3,000	$ 3,000	$ 3,000	$ 3,000
Engineering Department Labor	$ 90,099	$ 100,029	$ 142,000	$ 105,000	$ 145,000	$ 147,000	$ 149,000	$ 151,000	$ 152,000
Engineering Department Labor-OT	$ 846	$ 721	$ 1,000	$ 1,000	$ 1,000	$ 1,000	$ 1,000	$ 1,000	$ 1,000
Plant - Office Labor	$ 56,922	$ 61,776	$ 78,000	$ 70,000	$ 79,000	$ 80,000	$ 81,000	$ 82,000	$ 83,000
System Operators Labor	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Plant - Office Labor-OT	$ 75	$ 155	$ -	$ 100	$ -	$ -	$ -	$ -	$ -
Maintenance Workers Labor	$ 94,700	$ 153,163	$ 196,000	$ 180,000	$ 199,000	$ 211,000	$ 216,000	$ 221,000	$ 227,000
Maintenance Workers Labor-OT	$ 11,025	$ 27,434	$ 11,000	$ 22,000	$ 22,000	$ 22,000	$ 22,000	$ 22,000	$ 22,000
Standby Pay	$ 14,944	$ 14,000	$ 15,000	$ 15,000	$ 14,000	$ 14,000	$ 14,000	$ 14,000	$ 14,000
Auto Allowance	$ 8,825	$ 8,700	$ 9,000	$ 9,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000
Labor Transfer to Capital	$ (6,778)	$ (2,909)	$ (5,000)	$ -	$ (5,000)	$ (5,000)	$ (5,000)	$ (5,000)	$ (5,000)
Labor Total	$ 654,241	$ 764,758	$ 893,000	$ 811,100	$ 925,500	$ 924,500	$ 944,500	$ 964,500	$ 983,500
Sick and Vacation - Office	$ 43,762	$ 22,662	$ 44,000	$ 44,000	$ 36,000	$ 44,000	$ 45,000	$ 46,000	$ 47,000
Sick and Vacation - Plant	$ 29,174	$ 15,108	$ 29,000	$ 29,000	$ 24,000	$ 30,000	$ 30,000	$ 31,000	$ 31,000
Taxes - Payroll (Total Employees)	$ 79,514	$ 84,603	$ 88,000	$ 80,000	$ 90,000	$ 90,000	$ 92,000	$ 93,000	$ 94,000
PERS Retirement (Total Employees)	$ 172,093	$ 176,593	$ 194,000	$ 160,000	$ 194,000	$ 208,000	$ 219,000	$ 231,000	$ 253,000
Interest Expense - CalPERS Pension Side Fund	$ 12,788	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Workers' Compensation - Office	$ 12,755	$ 9,420	$ 10,000	$ 9,000	$ 11,000	$ 10,000	$ 11,000	$ 9,000	$ 8,000
Workers' Compensation - Plant	$ 55,640	$ 38,959	$ 41,000	$ 40,000	$ 50,000	$ 49,000	$ 50,000	$ 45,000	$ 39,000
Health and Dental and Vision - Office	$ 70,832	$ 83,046	$ 87,000	$ 89,000	$ 91,000	$ 93,000	$ 95,000	$ 97,000	$ 99,000
Life & Disability Insurance - Office	$ 4,864	$ 5,583	$ 6,000	$ 6,300	$ 7,000	$ 7,000	$ 7,000	$ 7,000	$ 7,000
Health and Dental and Vision - Plant	$ 99,082	$ 88,014	$ 95,000	$ 95,000	$ 101,000	$ 103,000	$ 105,000	$ 108,000	$ 110,000
Self Insurance	$ 6,932	$ 6,894	$ 8,000	$ 8,000	$ 8,000	$ 8,000	$ 9,000	$ 9,000	$ 9,000
Retiree - Health Care Expense	$ 52,371	$ 57,564	$ 62,000	$ 55,000	$ 52,000	$ 53,000	$ 54,000	$ 55,000	$ 56,000
Compensation Total	$ 640,274	$ 588,446	$ 664,000	$ 615,300	$ 664,000	$ 695,000	$ 717,000	$ 731,000	$ 753,000
TOTAL COMPENSATION AND BENEFITS	$ 1,294,515	$ 1,353,204	$ 1,557,000	$ 1,426,400	$ 1,589,500	$ 1,619,500	$ 1,661,500	$ 1,695,500	$ 1,736,500
PLANT OPERATING EXPENSES									
Power - Lift Station	$ 720	$ 691	$ 700	$ 750	$ 750	$ 750	$ 800	$ 800	$ 800
Glenwood - Utilities	$ 2,575	$ 3,558	$ 5,000	$ 4,000	$ 4,660	$ 5,000	$ 5,000	$ 5,500	$ 5,500
Glenwood - Voice Communications	$ 6,280	$ 12,641	$ 10,500	$ 13,000	$ 2,100	$ 12,000	$ 12,000	$ 12,000	$ 12,000
Glenwood - Data Communications					$ 6,100				
Glenwood - Wireless Voice & Data Communications	$ 2,319	$ 2,720	$ 3,000	$ 4,200	$ 3,160	$ 4,000	$ 4,000	$ 4,000	$ 4,000

Wastewater Budget Table WWB - 4 Operation and Maintenance Expenses - FY 15/16 - Preliminary

Description	Recorded FY 2012-13	Recorded FY 2013-14	Budget FY 2014-15	Projected FY 2014-15	Budget FY 2015-16	Forecast FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20
Glenwood - Plant Maintenance	$ 3,829	$ 3,445	$ 8,400	$ 4,000	$ 8,500	$ 9,000	$ 9,000	$ 10,000	$ 10,000
Glenwood - Landscape	$ 1,568	$ 1,572	$ 2,300	$ 2,300	$ 2,500	$ 3,000	$ 3,000	$ 3,000	$ 3,000
Telemetering & Signal System	$ 4,855	$ 2,641	$ 4,000	$ 1,500	$ 4,500	$ 2,500	$ 2,500	$ 3,000	$ 3,000
SCADA Hardware	$ -	$ -	$ 2,000	$ 1,000	$ 2,000	$ 3,000	$ 4,000	$ 4,000	$ 4,000
SCADA Software	$ -	$ -	$ 3,700	$ 1,200	$ 4,000	$ 4,000	$ 4,000	$ 4,000	$ 4,000
SCADA Phone Lines & Radio	$ -	$ -	$ 1,700	$ 1,000	$ 1,160	$ 1,000	$ 1,000	$ 1,000	$ 1,000
Glenwood - Uniforms	$ 2,568	$ 3,233	$ 3,000	$ 3,000	$ 2,830	$ 3,000	$ 3,500	$ 3,500	$ 3,500
Glenwood - Safety and Security System	$ 11,662	$ 8,020	$ 6,000	$ 6,000	$ 6,300	$ 7,000	$ 7,000	$ 7,000	$ 7,000
Training - Plant	$ 3,171	$ 1,987	$ 2,700	$ 2,500	$ 2,660	$ 3,000	$ 3,000	$ 3,000	$ 3,000
Office Supplies & Misc Expenses - Plant	$ -	$ 9,044	$ 6,000	$ 8,000	$ 6,000	$ 7,000	$ 7,000	$ 7,000	$ 7,000
Tools and Equipment Maintenance	$ 27,015	$ 18,098	$ 15,000	$ 24,000	$ 22,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000
Taxes - Property	$ 3,959	$ 4,010	$ 4,000	$ 4,000	$ 4,200	$ 4,500	$ 5,000	$ 5,000	$ 5,000
Education Reimbursement/Cert. - WW	$ -	$ 622	$ 3,000	$ 1,000	$ 1,000	$ 1,000	$ 1,000	$ 1,000	$ 1,000
TOTAL PLANT OPERATING EXPENSES	$ 70,521	$ 72,282	$ 81,000	$ 81,450	$ 84,420	$ 94,750	$ 96,800	$ 98,800	$ 98,800
COLLECTION SYSTEM EXPENSE									
Sewer Flow Monitoring Expense	$ 14,440	$ 14,555	$ 21,000	$ 15,000	$ 18,000	$ 18,500	$ 19,000	$ 19,500	$ 20,000
Pipelines - Maintenance	$ 601	$ 22,552	$ 9,000	$ 5,000	$ 6,000	$ 7,000	$ 8,000	$ 9,000	$ 10,000
Sewer Interceptor - Maintenance	$ 33	$ 1,243	$ 7,000	$ 2,000	$ 4,000	$ 8,000	$ 8,000	$ 8,000	$ 8,000
Sewer Lift Station - Maintenance	$ 2,557	$ 4,338	$ 6,000	$ 5,000	$ 6,000	$ 6,500	$ 7,000	$ 7,500	$ 8,000
Auto/Truck - Maintenance	$ 31,619	$ 46,232	$ 17,000	$ 38,000	$ 16,600	$ 25,000	$ 25,000	$ 25,000	$ 25,000
Auto/Truck - Gas	$ 7,616	$ 8,026	$ 9,000	$ 9,000	$ 9,000	$ 9,000	$ 10,000	$ 10,000	$ 10,000
Auto/Truck - Diesel	$ 5,221	$ 5,681	$ 5,800	$ 5,800	$ 6,000	$ 6,000	$ 6,000	$ 7,000	$ 7,000
Sewer Camera Van Inspection	$ 2,740	$ 3,248	$ 1,500	$ 1,000	$ 1,500	$ 2,000	$ 3,000	$ 3,000	$ 3,000
TOTAL COLLECTION SYSTEM EXPENSE	$ 64,827	$ 105,875	$ 76,300	$ 80,800	$ 67,100	$ 82,000	$ 86,000	$ 89,000	$ 91,000
GENERAL AND ADMINISTRATIVE EXPENSES									
Engineering Department	$ 4,060	$ 3,504	$ 5,000	$ 3,500	$ 3,800	$ 4,500	$ 5,000	$ 5,500	$ 6,000
Accounting - Audit	$ 7,428	$ 15,079	$ 13,000	$ 13,000	$ 13,000	$ 14,000	$ 14,000	$ 14,500	$ 14,500
Legal Consulting Fees	$ 14,289	$ 15,546	$ 14,000	$ 15,000	$ 15,000	$ 15,000	$ 15,000	$ 15,000	$ 15,000
Administrative Consultants	$ 16,251	$ 9,519	$ 25,000	$ 15,000	$ 120,000	$ 60,000	$ 50,000	$ 50,000	$ 50,000
General Insurance (General Liability, Property, Fidelity)	$ 44,394	$ 46,256	$ 53,000	$ 46,000	$ 53,000	$ 56,000	$ 59,000	$ 62,000	$ 65,000
Office Maintenance	$ 4,147	$ 3,378	$ 3,300	$ 3,300	$ 5,000	$ 4,000	$ 4,000	$ 5,000	$ 5,000
Landscape Maintenance - Office	$ 3,214	$ 1,710	$ 2,200	$ 2,000	$ 1,830	$ 3,000	$ 3,000	$ 3,000	$ 3,000
Office Supplies & Misc Expenses	$ 13,898	$ 5,442	$ 2,000	$ 4,000	$ 1,830	$ 6,000	$ 6,100	$ 6,200	$ 6,200
Computers Hardware	$ 5,468	$ 7,312	$ 8,500	$ 8,500	$ 9,000	$ 9,000	$ 10,000	$ 10,000	$ 10,000
Computer Software	$ 2,892	$ 6,022	$ 13,000	$ 13,000	$ 13,000	$ 13,000	$ 13,000	$ 14,000	$ 14,000
Computer Software Maintenance/License	$ 7,718	$ 5,850	$ 6,500	$ 10,000	$ 6,600	$ 9,000	$ 9,000	$ 9,000	$ 9,000
Utilities - Office	$ 4,909	$ 5,522	$ 6,500	$ 6,700	$ 6,500	$ 7,000	$ 7,000	$ 7,000	$ 7,000
Office - Voice Communications	$ 13,243	$ 8,158	$ 9,000	$ 9,000	$ 2,100	$ 2,100	$ 2,100	$ 2,100	$ 22,000
Office - Data Communications					$ 5,500	$ 5,500	$ 5,500	$ 5,500	$ 5,500
Mills - Data Communications					$ 4,700	$ 4,700	$ 4,700	$ 4,700	$ 4,700
Office - Wireless Voice & Data Communications	$ 5,164	$ 5,019	$ 5,500	$ 5,500	$ 5,660	$ 6,000	$ 6,000	$ 6,000	$ 6,000
Printing, Postage, Stationery, Copier Maintenance	$ 45,132	$ 41,406	$ 38,000	$ 38,000	$ 38,000	$ 38,500	$ 39,000	$ 39,500	$ 40,000

Wastewater Budget Table WWB - 4 Operation and Maintenance Expenses - FY 15/16 - Preliminary

Description	Recorded FY 2012-13	Recorded FY 2013-14	Budget FY 2014-15	Projected FY 2014-15	Budget FY 2015-16	Forecast FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20
Election Expense	$ -	$ 36,751	$ -	$ -	$ 40,000	$ -	$ 45,000	$ -	$ 50,000
Uncollectible Accounts	$ -	$ 3,327	$ 1,500	$ 1,500	$ 1,000	$ 1,500	$ 1,500	$ 1,500	$ 1,500
Training - Office	$ 2,954	$ 1,172	$ 3,300	$ 1,500	$ 2,600	$ 2,000	$ 2,500	$ 2,500	$ 3,000
Conferences and Seminars - Office	$ 2,103	$ 3,166	$ 4,700	$ 4,700	$ 4,300	$ 5,000	$ 5,500	$ 6,000	$ 6,500
Board of Directors - Conferences and Seminars	$ 573	$ 1,072	$ 700	$ 700	$ 660	$ 1,000	$ 1,000	$ 1,000	$ 1,000
Misc Administration - Office	$ 1,136	$ 1,085	$ 1,700	$ 6,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000
Membership Renewals/Subscriptions	$ 7,611	$ 7,591	$ 8,500	$ 14,000	$ 10,300	$ 12,500	$ 13,000	$ 13,000	$ 13,500
Board of Directors - Misc Administration	$ 654	$ 444	$ 400	$ 500	$ 500	$ 600	$ 600	$ 600	$ 600
Bank Charges	$ 9,486	$ 11,092	$ 12,000	$ 13,000	$ 13,500	$ 13,500	$ 14,000	$ 14,500	$ 15,000
Rental Properties Expense	$ 38	$ 1,612	$ 1,000	$ 1,000	$ 1,000	$ 1,000	$ 1,000	$ 1,000	$ 1,000
GENERAL AND ADMINISTRATIVE EXPENSES	$ 216,762	$ 247,035	$ 238,300	$ 235,400	$ 383,380	$ 299,400	$ 341,500	$ 304,100	$ 380,000
TOTAL WASTEWATER SYSTEM EXPENSE (W/O LA Treatment Costs)	$ 1,646,625	$ 1,778,396	$ 1,952,600	$ 1,824,050	$ 2,124,400	$ 2,095,650	$ 2,185,800	$ 2,187,400	$ 2,306,300
TOTAL WASTEWATER SYSTEM EXPENSE (W/O LA Treatment & Labor Costs)	$ 352,110	$ 425,192	$ 395,600	$ 397,650	$ 534,900	$ 476,150	$ 524,300	$ 491,900	$ 569,800

Wastewater Budget Table WWB-6 CIP & Capital Outlay - FY 15/16 - Preliminary

Description	Recorded FY 2012-13	Recorded FY 2013-14	Budget FY 2014-15	Projected FY 2014-15	Budget FY 2015-16	Forecast FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20
1. Collections Systems	$ 32,688	$ 13,011	$ 55,000	$ 85,173	$ 75,000	$ 75,000	$ 75,000	$ 75,000	$ 75,000
2. Interceptor System	$ -	$ -	$ 2,000	$ -	$ 2,000	$ 2,000	$ 2,000	$ 2,000	$ 2,000
3. Lift Station/ Diverter Valve	$ 2,377	$ 6,071	$ 3,000	$ -	$ 3,000	$ 3,000	$ 3,000	$ 3,000	$ 3,000
4. Nitrate Plant Waste	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
4. Technology (Sewer Projects Only)	$ 10,720	$ -	$ 5,000	$ 4,200	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000
5. Public Safety/Emergency Response	$ -	$ -	$ 10,000	$ -	$ -	$ -	$ -	$ -	$ -
6. Facilities & Planning	$ -	$ -	$ 20,000	$ 6,500	$ 20,000	$ 20,000	$ 20,000	$ 20,000	$ 20,000
7. Misc. Sewer Projects	$ -	$ -	$ 30,000	$ -	$ 7,950	$ 4,200	$ 3,500	$ 3,500	$ 3,500
Total CIP Projects	$ 45,785	$ 19,082	$ 125,000	$ 95,873	$ 112,950	$ 109,200	$ 108,500	$ 108,500	$ 108,500
Capital Outlay									
Software (Spring Brook) - Fixed Assets		$ -	$ 3,750	$ 3,750					
Spring Brook Software - Payroll Module					$ 6,250				
Spring Brook Software - Work Order Module						$ 8,750			
Spring Brook Software - Project Management Module							$ 5,000		
Spring Brook Software - Extend Budget Module								$ 5,000	$ 5,000
Upgrade SCADA Equipment		$ -	$ 6,600	$ 6,600	$ 6,600	$ 6,600	$ 6,600	$ 6,600	$ 6,600
SCADA - Phase 1A	$ -								
SCADA - Phase 1B	$ -								
Upgrade Computer Hardware		$ -	$ 6,600	$ 6,600	$ 6,600	$ 6,600	$ 6,600	$ 6,600	$ 6,600
Main Office - Roof		$ -	$ 10,000	$ -	$ 3,300	$ 3,300	$ 3,300	$ 3,300	$ 3,300
Main Office - Seismic Upgrades		$ -	$ 17,000	$ -					
Main Office - Upgrades		$ -	$ 2,050	$ -					
Glenwood - Roof		$ -							
Equipment Outlay									
Emergency Generator - 70 kW (Field)		$ -	$ 5,000	$ 5,000					
Sewer Cover Transmitter		$ -	$ 10,000	$ -					
Sewer Vactor Truck (3-year payback)					$ 75,000	$ 75,000	$ 75,000		
Vehicle Replacement - Unit 10				$ 21,660	$ 35,000				
Vehicle Replacement - Unit 13				$ 7,217					
Annual Vehicle Replacement			$ 22,500	$ -	$ 18,300	$ 18,300	$ 25,000	$ 25,000	$ 25,000
Total CO Projects	$ -	$ -	$ 83,500	$ 50,827	$ 151,050	$ 118,550	$ 121,500	$ 46,500	$ 46,500
Total CIP & CO Projects	$ 45,785	$ 19,082	$ 208,500	$ 146,700	$ 264,000	$ 227,750	$ 230,000	$ 155,000	$ 155,000

Wastewater Budget Table WWB - 7 Sources and Applications of Funds - FY 15/16 - Preliminary

Budget	Recorded FY 2012-13	Recorded FY 2013-14	Budget FY 2014-15	Projected FY 2014-15	Budget FY 2015-16	Forecast FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20
REVENUE									
Projected user charges	$ 2,928,381	$ 3,241,490	$ 3,364,000	$ 3,259,000	$ 3,539,000	$ 3,526,000	$ 3,529,000	$ 3,533,000	$ 3,536,000
Total permit/connection fee	$ 82,690	$ 38,006	$ 34,500	$ 21,000	$ 29,000	$ 29,000	$ 29,000	$ 29,000	$ 29,000
Transfer from MTBE for PERS Side Fund	$ 288,397	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Interest earnings	$ 47,781	$ 207	$ 500	$ 500	$ 500	$ 500	$ 500	$ 500	$ 500
TOTAL REVENUE	$ 3,347,248	$ 3,280,000	$ 3,399,000	$ 3,281,000	$ 3,569,000	$ 3,556,000	$ 3,559,000	$ 3,563,000	$ 3,566,000
EXPENSE									
City of LA Sewer Service Charges	$ 898,452	$ 951,312	$ 1,760,300	$ 957,000	$ 1,558,480	$ 1,558,480	$ 1,558,480	$ 1,558,480	$ 1,558,480
Sewer Labor & Benefits	$ 1,294,515	$ 1,353,204	$ 1,557,000	$ 1,426,400	$ 1,589,500	$ 1,619,500	$ 1,661,500	$ 1,695,500	$ 1,736,500
Sewer O & M Expense	$ 352,110	$ 425,192	$ 399,900	$ 397,650	$ 534,900	$ 476,150	$ 524,300	$ 491,900	$ 569,800
Sewer CIP & CO Expense	$ 45,785	$ 19,082	$ 208,500	$ 146,700	$ 264,000	$ 227,750	$ 230,000	$ 155,000	$ 155,000
Transfer to Water Reserves	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
PERS Side Fund	$ 288,397	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
TOTAL EXPENSE	$ 2,879,260	$ 2,748,790	$ 3,925,700	$ 2,927,750	$ 3,946,880	$ 3,881,880	$ 3,974,280	$ 3,900,880	$ 4,019,780
Additions (reductions) to cash	$ 467,989	$ 531,210	$ (526,700)	$ 353,250	$ (377,880)	$ (325,880)	$ (415,280)	$ (337,880)	$ (453,780)
Effective date of Wastewater rates	7/1/12	7/1/13	7/1/14	7/1/14	7/1/15	7/1/16	7/1/17	7/1/18	7/1/18
Rate increase	8.2%	4.7%	4.7%	4.7%	4.4%	0.0%	0.0%	0.0%	0.0%
User Charge (monthly EDUs)	$ 29.75	$ 32.25	$ 33.75	$ 33.75	$ 35.25	$ 35.25	$ 35.25	$ 35.25	$ 35.25
Commercial - Monthly Cost	$ 1.80	$ 2.00	$ 2.10	$ 2.10	$ 2.20	$ 2.20	$ 2.20	$ 2.20	$ 2.20
Commercial - $/Unit	$ 4.90	$ 5.30	$ 5.50	$ 5.50	$ 5.70	$ 5.70	$ 5.70	$ 5.70	$ 5.70
Secondary School - Quantity Charge per 100 ADA	$ 142.90	$ 154.90	$ 162.10	$ 162.10	$ 169.30	$ 169.30	$ 169.30	$ 169.30	$ 169.30
Primary School - Quantity Charge per 100 ADA	$ 71.40	$ 77.40	$ 81.00	$ 81.00	$ 84.60	$ 84.60	$ 84.60	$ 84.60	$ 84.60
Customer Revenue EDUs									
FY beginning Wastewater Reserves	$ 3,506,331	$ 3,974,320	$ 4,505,530	$ 4,505,530	$ 4,858,780	$ 4,480,900	$ 4,155,020	$ 3,739,740	$ 3,401,860
Additions (reductions)	$ 467,989	$ 531,210	$ (526,700)	$ 353,250	$ (377,880)	$ (325,880)	$ (415,280)	$ (337,880)	$ (453,780)
FY ending Wastewater Reserves	$ 3,974,320	$ 4,505,530	$ 3,978,830	$ 4,858,780	$ 4,480,900	$ 4,155,020	$ 3,739,740	$ 3,401,860	$ 2,948,080
TOTAL TARGET WASTERWATER CASH RESERVES	$ 2,272,087	$ 2,342,000	$ 2,439,850	$ 2,392,150	$ 2,535,350	$ 2,583,400	$ 2,643,850	$ 2,694,450	$ 2,764,900
Above (below) target	$ 1,702,233	$ 2,163,530	$ 1,538,980	$ 2,466,630	$ 1,945,550	$ 1,571,620	$ 1,095,890	$ 707,410	$ 183,180

Water Budget Table WB-4 - Summary of Water O & M Expenses - FY 15/16 - Preliminary

Description	Recorded FY 2012-13	Recorded FY 2013-14	Budget FY 2014-15	Projected FY 2014-15	Budget FY 2015-16	Forecast FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20
EXPENSE									
COMPENSATION AND BENEFITS									
Director Fees	$ 8,280	$ 8,370	$ 8,000	$ 8,000	$ 8,000	$ 8,000	$ 8,000	$ 8,000	$ 8,000
Labor									
Officer Salaries	$ 139,364	$ 144,628	$ 153,000	$ 142,000	$ 164,500	$ 171,500	$ 177,500	$ 184,500	$ 191,500
Administrative Services Labor	$ 290,254	$ 312,017	$ 358,000	$ 322,000	$ 360,000	$ 339,000	$ 347,000	$ 354,000	$ 360,000
Administrative Services Labor - OT	$ 7,491	$ 6,127	$ 8,000	$ 4,000	$ 3,000	$ 3,000	$ 3,000	$ 3,000	$ 3,000
Engineering Department Labor	$ 272,986	$ 301,033	$ 427,000	$ 330,000	$ 436,000	$ 440,000	$ 448,000	$ 453,000	$ 457,000
Engineering Department Labor-OT	$ 2,537	$ 2,164	$ 3,000	$ 2,000	$ 2,000	$ 2,000	$ 2,000	$ 2,000	$ 2,000
Plant - Office Labor	$ 197,971	$ 219,552	$ 235,000	$ 220,000	$ 236,000	$ 241,000	$ 243,000	$ 245,000	$ 248,000
Plant - Office Labor-OT	$ 224	$ 466	$ -	$ 500	$ 500	$ 500	$ 500	$ 500	$ 500
System Operators Labor	$ 288,492	$ 295,911	$ 322,000	$ 300,000	$ 324,000	$ 327,000	$ 330,000	$ 333,000	$ 337,000
System Operators Labor-OT	$ 16,124	$ 24,712	$ 21,000	$ 30,000	$ 27,000	$ 27,000	$ 27,000	$ 28,000	$ 28,000
Utility Workers Labor	$ 332,102	$ 294,955	$ 385,000	$ 330,000	$ 372,000	$ 381,000	$ 390,000	$ 399,000	$ 406,000
Utility Workers Labor-OT	$ 19,166	$ 42,065	$ 29,000	$ 70,000	$ 45,000	$ 46,000	$ 47,000	$ 48,000	$ 49,000
Standby Pay	$ 44,831	$ 42,002	$ 46,000	$ 46,000	$ 41,000	$ 42,000	$ 42,000	$ 42,000	$ 42,000
Auto Allowance	$ 8,825	$ 8,700	$ 9,000	$ 9,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000
Labor Transfer to Capital	$ (118,267)	$ (128,358)	$ (150,000)	$ -	$ (150,000)	$ (150,000)	$ (150,000)	$ (150,000)	$ (150,000)
Labor Total	$ 1,628,647	$ 1,702,702	$ 1,854,000	$ 1,813,500	$ 1,879,000	$ 1,888,000	$ 1,925,000	$ 1,960,000	$ 1,992,000
Sick and Vacation - Office	$ 131,286	$ 67,986	$ 132,000	$ 132,000	$ 107,000	$ 133,000	$ 136,000	$ 138,000	$ 141,000
Sick and Vacation - Plant	$ 87,524	$ 45,324	$ 88,000	$ 88,000	$ 71,000	$ 89,000	$ 91,000	$ 92,000	$ 94,000
Taxes - Payroll (Total Employees)	$ 119,407	$ 126,904	$ 133,000	$ 130,000	$ 136,000	$ 135,000	$ 138,000	$ 139,000	$ 141,000
PERS Retirement (Total Employees)	$ 257,323	$ 264,073	$ 290,000	$ 240,000	$ 291,000	$ 312,000	$ 329,000	$ 347,000	$ 379,000
Interest Expense - CalPERS Pension Side Fund	$ 19,182	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Workers' Compensation - Office	$ 18,996	$ 14,131	$ 14,000	$ 14,000	$ 16,000	$ 16,000	$ 16,000	$ 14,000	$ 12,000
Workers' Compensation - Plant	$ 83,596	$ 58,439	$ 62,000	$ 60,000	$ 74,000	$ 74,000	$ 75,000	$ 67,000	$ 58,000
Health and Dental and Vision - Office	$ 106,352	$ 124,616	$ 131,000	$ 135,000	$ 137,000	$ 140,000	$ 143,000	$ 145,000	$ 148,000
Life & Disability Insurance - Office & Plant	$ 7,995	$ 8,374	$ 9,000	$ 9,500	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000
Health and Dental and Vision - Plant	$ 148,810	$ 132,108	$ 143,000	$ 140,000	$ 152,000	$ 155,000	$ 158,000	$ 161,000	$ 165,000
Self Insurance	$ 11,497	$ 11,286	$ 13,000	$ 13,000	$ 13,000	$ 13,000	$ 13,000	$ 13,000	$ 13,000
Retiree - Health Care Expense	$ 78,557	$ 86,345	$ 92,000	$ 85,000	$ 78,000	$ 80,000	$ 81,000	$ 83,000	$ 84,000
Benefits Total	$ 1,070,527	$ 939,586	$ 1,107,000	$ 1,046,500	$ 1,085,000	$ 1,157,000	$ 1,190,000	$ 1,209,000	$ 1,245,000
TOTAL COMPENSATION AND BENEFITS	$ 2,699,174	$ 2,642,288	$ 2,961,000	$ 2,860,000	$ 2,964,000	$ 3,045,000	$ 3,115,000	$ 3,169,000	$ 3,237,000

Water Budget Table WB-4 - Summary of Water O & M Expenses - FY 15/16 - Preliminary

Description	Recorded FY 2012-13	Recorded FY 2013-14	Budget FY 2014-15	Projected FY 2014-15	Budget FY 2015-16	Forecast FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20
PLANT - WATER OPERATION									
Taxes - Property	$ 11,877	$ 12,030	$ 12,000	$ 12,000	$ 12,500	$ 13,000	$ 13,500	$ 14,000	$ 14,500
Glenwood - Plant Maintenance	$ 11,487	$ 10,417	$ 25,000	$ 25,000	$ 25,000	$ 26,000	$ 26,000	$ 26,000	$ 26,000
Glenwood - Landscape	$ 4,703	$ 4,716	$ 7,000	$ 7,000	$ 7,500	$ 7,500	$ 8,000	$ 8,500	$ 9,000
Office Supplies & Misc Expenses - Plant	$ -	$ 8,880	$ 6,000	$ 7,800	$ 6,000	$ 7,000	$ 7,000	$ 7,000	$ 7,000
Glenwood - Utilities	$ 12,660	$ 16,329	$ 15,000	$ 13,000	$ 14,000	$ 16,000	$ 16,000	$ 17,000	$ 17,000
Glenwood - Voice Communications	$ 23,986	$ 37,923	$ 32,000	$ 32,000	$ 6,350	$ 7,350	$ 8,350	$ 9,350	$ 10,350
Glenwood - Data Communications					$ 18,350	$ 19,350	$ 20,350	$ 21,350	$ 22,350
Glenwood - Wireless Voice & Data Communications	$ 7,274	$ 8,159	$ 9,000	$ 9,000	$ 9,500	$ 10,000	$ 10,500	$ 11,500	$ 12,500
Training - Plant	$ 11,839	$ 7,010	$ 8,000	$ 8,000	$ 8,000	$ 8,500	$ 9,000	$ 9,500	$ 10,000
Education Reimbursement/Certifications	$ -	$ 5,675	$ 4,000	$ 6,000	$ 4,000	$ 4,000	$ 4,000	$ 4,000	$ 4,000
Glenwood - Safety and Security System	$ 29,820	$ 25,889	$ 18,000	$ 16,000	$ 19,000	$ 19,500	$ 20,000	$ 20,500	$ 21,000
Glenwood - Uniforms	$ 7,704	$ 9,700	$ 9,000	$ 8,200	$ 8,500	$ 8,750	$ 9,000	$ 9,250	$ 9,500
Permit & Assessment Fees	$ 1,174	$ 1,198	$ 2,000	$ -	$ 1,500	$ 2,000	$ 2,000	$ 2,000	$ 2,000
Tools and Equipment Maintenance	$ 24,662	$ 12,008	$ 22,000	$ 22,000	$ 22,000	$ 23,000	$ 24,000	$ 24,000	$ 25,000
Nitrate Plant Maintenance	$ 60,678	$ 39,189	$ 75,000	$ 55,000	$ 80,000	$ 85,000	$ 90,000	$ 95,000	$ 96,000
SCADA - Telemetering & Signal	$ 17,979	$ 8,241	$ 12,000	$ 12,000	$ 13,500	$ 15,000	$ 16,500	$ 17,500	$ 18,500
SCADA Hardware	$ 6,864	$ 2,861	$ 6,000	$ 6,000	$ 6,000	$ 9,000	$ 10,500	$ 11,500	$ 12,500
SCADA Software	$ 6,499	$ 204	$ 11,000	$ 11,000	$ 12,000	$ 13,000	$ 14,000	$ 15,000	$ 16,000
SCADA - Communications	$ 1,298	$ 1,593	$ 5,000	$ 2,500	$ 3,500	$ 3,500	$ 4,000	$ 4,000	$ 4,000
Lab & Sampling	$ 67,473	$ 52,308	$ 70,000	$ 95,000	$ 65,000	$ 67,000	$ 69,000	$ 71,000	$ 73,000
Chlorine & Treatment	$ 55,488	$ 61,361	$ 70,000	$ 81,000	$ 75,000	$ 77,000	$ 79,000	$ 81,000	$ 83,000
Inventory Shrinkage/(Overage)									
TOTAL PLANT WATER OPERATION	$ 363,465	$ 325,691	$ 418,000	$ 428,500	$ 417,200	$ 441,450	$ 460,700	$ 478,950	$ 493,200

Water Budget Table WB-4 - Summary of Water O & M Expenses - FY 15/16 - Preliminary

Description	Recorded FY 2012-13	Recorded FY 2013-14	Budget FY 2014-15	Projected FY 2014-15	Budget FY 2015-16	Forecast FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20
DISTRIBUTION SYSTEM EXPENSES									
Backflow Expense	$ 927	$ 389	$ 1,000	$ 500	$ 500	$ 500	$ 500	$ 1,000	$ 1,000
Pipelines - Maintenance	$ 34,235	$ 18,930	$ 50,000	$ 70,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 51,000
Pipelines - Paving	$ 17,518	$ 12,908	$ 15,000	$ 15,000	$ 16,000	$ 17,000	$ 18,000	$ 19,000	$ 20,000
Pipelines - Fire Hydrant & Fire Service Repair/Replace	$ 4,656	$ 547	$ 25,000	$ 9,700	$ 11,700	$ 13,700	$ 15,700	$ 17,700	$ 19,700
Pipelines - Leak Detection/Leak Repair	$ 4,309	$ 330	$ 25,000	$ 2,000	$ 4,000	$ 25,000	$ 5,000	$ 25,000	$ 5,000
Pipelines - Trench Plate Rentals	$ 1,592	$ 1,229	$ 1,000	$ 5,000	$ 1,500	$ 1,000	$ 1,000	$ 1,000	$ 1,000
Pipelines - Water Sampling Stations	$ -	$ 669	$ 500	$ 500	$ 500	$ 500	$ 500	$ 500	$ 500
Pipelines - Valves	$ 2,932	$ -	$ 15,000	$ 5,000	$ 6,000	$ 7,000	$ 8,000	$ 9,000	$ 10,000
Reservoir - Maintenance	$ 46,021	$ 30,917	$ 75,000	$ 85,000	$ 80,000	$ 83,000	$ 86,000	$ 89,000	$ 92,000
Reservoir - Landscape	$ 17,598	$ 19,855	$ 25,000	$ 20,000	$ 25,000	$ 26,000	$ 27,000	$ 28,000	$ 29,000
Meters - Maintenance	$ 283,329	$ 328,235	$ 275,000	$ 255,000	$ 275,000	$ 215,000	$ 215,000	$ 216,000	$ 217,000
Meters - Paving	$ 92,116	$ 337,413	$ 250,000	$ 175,000	$ 275,000	$ 250,000	$ 250,000	$ 255,000	$ 260,000
Meters - Repair/Replacement/Upgrade	$ 13,921	$ 4,948	$ 20,000	$ 5,000	$ 20,000	$ 21,000	$ 21,000	$ 22,000	$ 23,000
Meters - Lateral Leaks	$ 58,347	$ 90,443	$ 150,000	$ 75,000	$ 150,000	$ 75,000	$ 60,000	$ 61,000	$ 62,000
Meters - Trench Plate Rentals	$ -	$ 6,475	$ 2,000	$ 5,000	$ 2,000	$ 1,000	$ 1,000	$ 1,000	$ 1,000
Meters - D-jobs	$ -	$ 9,710	$ 7,500	$ 7,500	$ 8,000	$ 8,000	$ 8,000	$ 9,000	$ 9,000
Wells - Maintenance	$ 19,656	$ 27,331	$ 30,000	$ 35,000	$ 32,000	$ 33,000	$ 34,000	$ 37,000	$ 40,000
Wells - Landscape	$ 13,510	$ 7,581	$ 10,000	$ 6,000	$ 6,000	$ 6,000	$ 6,000	$ 6,000	$ 6,500
Wells - Rent	$ 300	$ 300	$ 300	$ 300	$ 300	$ 300	$ 300	$ 300	$ 300
Booster Pump - Maintenance	$ 42,838	$ 58,700	$ 65,000	$ 25,000	$ 65,000	$ 70,000	$ 75,000	$ 77,000	$ 79,000
Emergency Generators	$ 10,947	$ 11,712	$ 13,000	$ 22,000	$ 22,000	$ 22,500	$ 23,000	$ 23,500	$ 24,000
Auto/Truck - Maintenance	$ 46,487	$ 76,727	$ 50,000	$ 65,000	$ 50,000	$ 50,000	$ 50,000	$ 51,000	$ 52,000
Auto/Truck - Gas	$ 22,849	$ 25,875	$ 27,000	$ 27,000	$ 27,500	$ 28,000	$ 28,500	$ 29,000	$ 29,500
Auto/Truck - Diesel	$ 15,664	$ 17,042	$ 17,500	$ 17,500	$ 18,000	$ 18,500	$ 19,000	$ 19,500	$ 20,000
TOTAL DISTRIBUTION SYSTEM EXPENSES	$ 749,752	$ 1,112,362	$ 1,149,800	$ 933,000	$ 1,146,000	$ 1,022,000	$ 1,002,500	$ 1,047,500	$ 1,052,500

Water Budget Table WB-4 - Summary of Water O & M Expenses - FY 15/16 - Preliminary

Description	Recorded FY 2012-13	Recorded FY 2013-14	Budget FY 2014-15	Projected FY 2014-15	Budget FY 2015-16	Forecast FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20
GENERAL AND ADMINISTRATIVE EXPENSES									
General Liability Insurance	$ 44,394	$ 46,256	$ 53,000	$ 53,000	$ 53,000	$ 56,000	$ 59,000	$ 62,000	$ 65,000
Accounting - Audit	$ 7,428	$ 15,079	$ 13,000	$ 13,000	$ 13,000	$ 13,000	$ 14,500	$ 15,000	$ 15,500
Legal Consulting Fees	$ 47,314	$ 42,935	$ 42,000	$ 80,000	$ 45,000	$ 46,000	$ 47,000	$ 48,000	$ 49,000
Administrative Consultants	$ 64,705	$ 34,711	$ 120,000	$ 150,000	$ 120,000	$ 130,000	$ 130,000	$ 130,000	$ 100,000
Election Expense	$ -	$ 36,751	$ -	$ -	$ 40,000	$ -	$ 45,000	$ -	$ 45,000
Office Maintenance	$ 12,390	$ 10,135	$ 10,000	$ 10,000	$ 15,000	$ 16,000	$ 17,000	$ 18,000	$ 19,000
Landscape Maintenance - Office	$ 9,643	$ 5,129	$ 5,500	$ 5,000	$ 5,500	$ 6,000	$ 6,500	$ 7,000	$ 7,500
Office Supplies & Misc Expenses - Office	$ 3,905	$ 5,459	$ 5,500	$ 5,000	$ 5,500	$ 5,500	$ 6,000	$ 6,000	$ 6,000
Computer Hardware	$ 16,431	$ 21,660	$ 26,000	$ 26,000	$ 27,000	$ 28,000	$ 30,000	$ 31,000	$ 32,000
Computer Software	$ 15,368	$ 18,067	$ 40,000	$ 40,000	$ 40,000	$ 40,000	$ 40,000	$ 41,000	$ 42,000
Computer Software Maintenance/Licenses	$ 22,229	$ 17,551	$ 20,000	$ 20,000	$ 20,000	$ 21,000	$ 22,000	$ 23,000	$ 24,000
Utilities - Office	$ 16,383	$ 17,698	$ 19,000	$ 20,500	$ 20,000	$ 21,000	$ 21,000	$ 21,500	$ 22,000
Office - Voice Communications	$ 34,585	$ 24,475	$ 27,000	$ 27,000	$ 6,400	$ 7,400	$ 8,400	$ 9,400	$ 10,400
Office - Data Communications					$ 16,500	$ 17,500	$ 18,500	$ 19,500	$ 20,500
Mills - Data Communications					$ 13,900	$ 14,900	$ 15,900	$ 16,900	$ 17,900
Office - Wireless Voice & Data Communications	$ 15,284	$ 15,078	$ 16,500	$ 16,500	$ 17,000	$ 17,500	$ 18,000	$ 18,500	$ 19,000
Printing, Postage, Stationery, Copier Maint.	$ 47,394	$ 41,638	$ 38,000	$ 38,000	$ 38,000	$ 38,500	$ 39,000	$ 39,500	$ 40,500
Uncollectible Accounts-Water	$ -	$ 9,190	$ 3,000	$ 3,000	$ 3,000	$ 3,500	$ 3,500	$ 4,000	$ 4,000
Water System Fees (DHS, RWQCB, LAFCO, Misc)	$ 36,217	$ 47,454	$ 80,000	$ 53,000	$ 70,000	$ 71,000	$ 72,000	$ 73,000	$ 74,000
Engineering Department	$ 12,356	$ 10,511	$ 15,000	$ 10,500	$ 11,500	$ 12,500	$ 13,500	$ 14,500	$ 15,500
Water Conservation	$ 35,580	$ 31,208	$ 60,000	$ 40,000	$ 50,000	$ 51,000	$ 52,000	$ 53,000	$ 54,000
Pipeline/Advertising - Water Conservation	$ -	$ -	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000
Turf Rebates - Water Conservation	$ 13,649	$ 51,061	$ 110,000	$ 110,000	$ 35,000	$ 35,000	$ 35,000	$ 35,000	$ 35,000
Washer & Toilet Rebates - Water Conservation	$ 5,325	$ 50	$ 15,000	$ 15,000	$ 15,000	$ 15,000	$ 15,000	$ 15,000	$ 15,000
Community Outreach	$ -		$ 15,000	$ 5,000	$ 15,000	$ 15,000	$ 15,000	$ 15,000	$ 15,000
Training - Office	$ 12,006	$ 5,931	$ 12,000	$ 8,000	$ 8,000	$ 8,500	$ 9,000	$ 9,500	$ 10,000
Conferences and Seminars - Office	$ 9,137	$ 10,260	$ 12,000	$ 12,000	$ 13,000	$ 14,000	$ 15,000	$ 16,000	$ 17,000
Board of Directors - Conferences and Seminars	$ 1,685	$ 3,216	$ 2,000	$ 2,000	$ 2,000	$ 2,000	$ 2,000	$ 2,200	$ 2,400
Misc Administration - Office	$ 4,266	$ 2,598	$ 5,000	$ 10,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 6,000
Board of Directors - Misc Administration	$ 1,710	$ 1,286	$ 1,500	$ 1,500	$ 1,500	$ 1,500	$ 1,500	$ 1,500	$ 1,500
Membership Renewals/Subscriptions	$ 21,889	$ 23,501	$ 25,000	$ 30,000	$ 31,000	$ 32,000	$ 33,000	$ 34,000	$ 35,000
Interest Expense	$ -	$ -	$ 10,000	$ -	$ -	$ -	$ -	$ -	$ -
Bank Charges	$ 11,082	$ 12,818	$ 12,000	$ 13,000	$ 13,500	$ 14,000	$ 14,500	$ 15,000	$ 15,500
Rental Property	$ 113	$ -	$ 3,000	$ 3,000	$ 3,000	$ 3,000	$ 3,000	$ 3,000	$ 3,000
TOTAL GENERAL AND ADMINISTRATIVE EXPENSES	$ 523,420	$ 561,706	$ 736,000	$ 825,000	$ 777,300	$ 766,300	$ 831,800	$ 807,000	$ 843,200
Emergency Operations	$ -	$ -	$ 3,000	$ -	$ 3,000	$ 3,000	$ 4,000	$ 5,000	$ 5,000
FIRE & DEBRIS RECOVERY	$ -	$ -	$ 3,000	$ -	$ 3,000	$ 3,000	$ 4,000	$ 5,000	$ 5,000
TOTAL EXPENSE	$ 4,335,811	$ 4,642,047	$ 5,267,800	$ 5,046,500	$ 5,307,500	$ 5,277,750	$ 5,414,000	$ 5,507,450	$ 5,630,900
Total O & M Expense (w/o Labor & Benefits)	$ 1,636,637	$ 1,999,759	$ 2,306,800	$ 2,186,500	$ 2,343,500	$ 2,232,750	$ 2,299,000	$ 2,338,450	$ 2,393,900

Water Budget Table WB-9 - Total Sources - FY 15/16 - Preliminary

FY 15/16 - Preliminary	Recorded FY 2011-12	Recorded FY 2012-13	Recorded FY 2013-14	Budget FY 2014-15	Projected FY 2014-15	Budget FY 2015-16	Forecast FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20
REVENUE										
Service Readiness Charge Revenue	$ 1,614,286	$ 1,633,352	$ 1,731,323	$ 1,830,000	$ 1,832,000	$ 1,984,000	$ 2,149,000	$ 2,311,000	$ 2,425,000	$ 2,428,000
Metered sales of water (CVWD Costs)	$ 3,363,545	$ 4,300,707	$ 4,843,462	$ 4,869,000	$ 4,544,000	$ 5,001,000	$ 5,753,000	$ 6,521,000	$ 7,121,000	$ 7,283,000
Required metered sales of water (FMWD Costs)	$ 2,605,954	$ 2,558,664	$ 2,619,953	$ 2,738,000	$ 2,555,000	$ 2,495,000	$ 2,555,000	$ 2,616,000	$ 2,677,000	$ 2,738,000
Interest Income - Water Reserves	$ 77,947	$ 76,308	$ 125,914	$ 75,000	$ 100,000	$ 100,000	$ 102,000	$ 104,000	$ 106,000	$ 108,000
Interest Income - MTBE Reserves	$ -	$ -	$ -	$ 139,000	$ 125,000	$ 125,000	$ 136,000	$ 135,000	$ 134,000	$ 133,000
Source of Funds - Other Sources	$ 91,916	$ 122,607	$ 170,754	$ 138,000	$ 137,000	$ 128,000	$ 144,000	$ 151,000	$ 158,000	$ 168,000
Sources of Funds - CIP Sources	$ 42,252	$ 196,674	$ 170,898	$ 95,000	$ 155,000	$ 110,000	$ 125,000	$ 140,000	$ 155,000	$ 170,000
Transfer from MTBE Fund for PERS Side Fund	$ -	$ 432,595	$ 62,427	$ -	$ -	$ -	$ -	$ -	$ -	$ -
TOTAL REVENUE	$ 7,795,900	$ 9,320,907	$ 9,724,731	$ 9,884,000	$ 9,448,000	$ 9,943,000	$ 10,964,000	$ 11,978,000	$ 12,776,000	$ 13,028,000
OPERATIONS & MAINTENANCE (O & M) EXPENSE										
Labor & Benefits	$ 2,685,747	$ 2,699,174	$ 2,642,288	$ 2,961,000	$ 2,860,000	$ 2,964,000	$ 3,045,000	$ 3,115,000	$ 3,169,000	$ 3,237,000
Purchased Water (FMWD)	$ 2,030,628	$ 2,233,668	$ 3,151,636	$ 2,732,000	$ 2,834,000	$ 2,219,000	$ 1,993,000	$ 2,097,000	$ 2,055,000	$ 1,999,000
Purchased Water (GWP)	$ -	$ -	$ -	$ -	$ -	$ 178,000	$ 243,000	$ 223,000	$ 189,000	$ 209,000
Power	$ 623,262	$ 636,754	$ 658,340	$ 678,000	$ 651,200	$ 676,000	$ 696,000	$ 717,000	$ 739,000	$ 761,000
Operating expenses	$ 1,714,437	$ 1,541,048	$ 1,999,759	$ 2,306,800	$ 2,186,500	$ 2,343,500	$ 2,232,750	$ 2,299,000	$ 2,338,450	$ 2,393,900
Total O & M Expense	$ 7,054,074	$ 7,110,643	$ 8,452,023	$ 8,677,800	$ 8,531,700	$ 8,380,500	$ 8,209,750	$ 8,451,000	$ 8,490,450	$ 8,599,900
Debt Service (principal & interest)	$ 613,738	$ 616,038	$ 612,400	$ 614,000	$ 614,000	$ 614,000	$ 614,000	$ 614,000	$ 614,000	$ 614,000
Total O & M Expense + Debt Service	$ 7,667,812	$ 7,726,681	$ 9,064,423	$ 9,291,800	$ 9,145,700	$ 8,994,500	$ 8,823,750	$ 9,065,000	$ 9,104,450	$ 9,213,900
Cash Available for Capital - [Revenue - (Total O & M Expense + Debt Service)]	$ 128,088	$ 1,594,227	$ 660,308	$ 592,200	$ 302,300	$ 948,500	$ 2,140,250	$ 2,913,000	$ 3,671,550	$ 3,814,100
CAPITAL OUTLAY, LIABILITIES and CAPITAL PROJECTS										
Capital Outlay & Equipment	$ 347,018	$ 287,942	$ 171,671	$ 200,000	$ 119,882	$ 140,000	$ 125,000	$ 134,000	$ 134,000	$ 119,000
PERS Side Fund	$ 115,000	$ 432,595	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Future Liability (OPEB)	$ -	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000
Capital Improvements (pay-as-you-go)	$ 28,238	$ 1,012,481	$ 1,365,786	$ 2,000,000	$ 1,547,655	$ 2,010,000	$ 2,015,000	$ 2,125,000	$ 2,500,000	$ 2,490,000
Total - Capital Outlay, CIP, CIP Fund & Future Liability	$ 490,256	$ 1,833,018	$ 1,637,457	$ 2,300,000	$ 1,767,537	$ 2,250,000	$ 2,240,000	$ 2,359,000	$ 2,734,000	$ 2,709,000
INCREASE (DECREASE) TO CASH	$ (362,168)	$ (544,087)	$ (977,149)	$ (1,707,800)	$ (1,465,237)	$ (1,301,500)	$ (99,750)	$ 554,000	$ 937,550	$ 1,105,100
FY begin available Water Reserves	$ 3,997,181	$ 3,080,907	$ 6,352,520	$ 5,235,907	$ 5,375,371	$ 3,910,135	$ 2,608,635	$ 2,508,885	$ 3,062,886	$ 4,000,436
Recovery of MTBE Costs from Settlement		$ 3,815,700	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
FY End Water Reserves	$ 3,080,907	$ 6,352,520	$ 5,375,371	$ 3,532,108	$ 3,910,135	$ 2,608,635	$ 2,508,885	$ 3,062,886	$ 4,000,436	$ 5,105,537
TOTAL TARGET WATER CASH RESERVES	$ 3,079,000	$ 3,278,000	$ 3,521,000	$ 3,643,000	$ 3,475,000	$ 3,621,000	$ 3,823,000	$ 4,056,000	$ 4,241,000	$ 4,320,000
Above or (below) Target Reserves	$ 1,907	$ 3,074,520	$ 1,854,371	$ (110,892)	$ 435,135	$ (1,012,365)	$ (1,314,115)	$ (993,114)	$ (240,564)	$ 785,537
Effective date of water rates	1/1/12	7/1/12	7/1/13	7/1/14	7/1/14	7/1/15	7/1/16	7/1/17	7/1/18	7/1/19
Projected Rate Increase for Service Charge	8.2%	3.1%	5.6%	5.8%	5.8%	8.2%	8.2%	7.4%	4.8%	0.0%
Service rates ($/month for 3/4" meter)	$ 15.70	$ 16.20	$ 17.10	$ 18.10	$ 18.10	$ 19.60	$ 21.20	$ 22.80	$ 23.90	$ 23.90
Projected Rate Increase for Quantity Charge	8.2%	3.1%	5.6%	5.8%	5.8%	8.2%	8.2%	7.4%	4.8%	0.0%
Quantity Charge: ($/kgal)	$ 4.90	$ 5.05	$ 5.33	$ 5.64	$ 5.64	$ 6.10	$ 6.60	$ 7.09	$ 7.43	$ 7.43
FMWD Quantity Charge: ($/kgal)	$ 1.90	$ 1.90	$ 1.90	$ 2.03	$ 2.03	$ 2.03	$ 2.03	$ 2.03	$ 2.03	$ 2.03
CVWD Quantity Charge: ($/kgal)	$ 3.00	$ 3.15	$ 3.43	$ 3.61	$ 3.61	$ 4.07	$ 4.57	$ 5.06	$ 5.40	$ 5.40

1

FY 2015-16 Tiered Rates for Residential Single-family Dwelling Consumption Charges
Based on Current Tier Block Levels and Tier Rates to meet Goals

Tiers	Current Rates ($/Kgal)	Current Use Block (Kgal /Bimonthly)		Proposed 7/1/15 Rates ($/Kgal)	Proposed Use Block (Kgal /Bimonthly)		Projected FY 15-16 SFR Water Use (Kgal)	Usage Revenues	No. of Bills	Distribution Among Blocks			Use Block (gpd)	
		Bottom	Top		Bottom	Top				Revenues	Water Use	Bills	Bottom	Top
Tier 1	$4.36	0	10	$4.72	0	10	352,234	$1,662,543	9,176	35%	43%	22%	0	164
Tier 2	$5.64	11	33	$6.10	11	33	384,205	$2,343,652	25,413	50%	47%	62%	165	541
Tier 3	$8.04	34	50	$8.70	34	50	51,366	$446,888	4,701	9%	6%	11%	542	820
Tier 4	$10.78	51		$11.66	51		22,077	$257,421	1,726	5%	3%	4%	821	12,033
Total Average							809,883	$4,710,504	41,016	100%	100%	100%		
Cost per Unit		$5.82						Accounts:	6,836					

Required Revenue from commodity charge for SFR[1] = $4,873,735 | ($163,231) | = Above or Below Required Revenue

Notes:

1. Required revenue based on Single Family Residence (SFR) used 65% of total water demand

2. Goal - Projected revenue from Tier 1 equals projected revenues from Tier 3 & Tier 4 AND Avg. Cost = Tier 2 Rate

Date: 4/9/2015

FY 2015-16 Tiered Rates for Residential Single-family Dwelling Consumption Charges
Based on Revised Tier Block Levels to meet Goals

Tiers	Current Rates ($/Kgal)	Current Use Block (Kgal /Bimonthly) Bottom	Current Use Block (Kgal /Bimonthly) Top	Proposed 7/1/15 Rates ($/Kgal)	Proposed Use Block (Kgal /Bimonthly) Bottom	Proposed Use Block (Kgal /Bimonthly) Top	Projected FY 15-16 SFR Water Use (Kgal)	Usage Revenues	No. of Bills	Distribution Among Blocks: Revenues	Distribution Among Blocks: Water Use	Distribution Among Blocks: Bills	Use Block (gpd) Bottom	Use Block (gpd) Top
Tier 1	$4.36	0	10	$4.72	0	10	352,234	$1,662,543	9,176	34%	43%	22%	0	164
Tier 2	$5.64	11	33	$6.10	11	26	325,019	$1,982,617	20,693	41%	40%	50%	165	426
Tier 3	$8.04	34	50	$8.70	27	50	110,553	$961,807	9,421	20%	14%	23%	427	820
Tier 4	$10.78	51		$11.66	51		22,077	$257,421	1,726	5%	3%	4%	821	12,033
Total Average Cost per Unit	$6.01						809,883	$4,864,388	41,016	100%	100%	100%		
								Accounts:	6,836					
Required Revenue from commodity charge for SFR[(1)] =								$4,873,735	($9,347)	= Above or Below Required Revenue				

Notes:

1. Required revenue based on Single Family Residence (SFR) used 65% of total water demand
2. Goal - Projected revenue from Tier 1 equals projected revenues from Tier 3 & Tier 4 AND Avg. Cost = Tier 2 Rate

Date: 4/9/2015

FY 2015-16 Tiered Rates for Residential Single-family Dwelling Consumption Charges
Based on Current Tier Block Levels and Increase Tier 3 & 4 Rates to meet Goals

Tiers	Current Rates ($/Kgal)	Current Use Block (Kgal /Bimonthly)		Proposed 7/1/15 Rates ($/Kgal)	Proposed Use Block (Kgal /Bimonthly)		Projected FY 15-16 SFR Water Use (Kgal)	Usage Revenues	No. of Bills	Distribution Among Blocks			Use Block (gpd)	
		Bottom	Top		Bottom	Top				Revenues	Water Use	Bills	Bottom	Top
Tier 1	$4.36	0	10	**$4.72**	**0**	**10**	352,234	$1,662,543	9,176	34%	43%	22%	0	164
Tier 2	$5.64	11	33	**$6.10**	**11**	**33**	384,205	$2,343,652	25,413	48%	47%	62%	165	541
Tier 3	$8.04	34	50	**$10.25**	**34**	**50**	51,366	$526,505	4,701	11%	6%	11%	542	820
Tier 4	$10.78	51		**$14.75**	**51**		22,077	$325,639	1,726	7%	3%	4%	821	12,033
Total Average							809,883	$4,858,341	41,016	100%	100%	100%		
Cost per Unit	**$6.00**							Accounts:	6,836					
Required Revenue from commodity charge for SFR[1] =								**$4,873,735**	**($15,394)**	**= Above or Below Required Revenue**				

Notes:

1. Required revenue based on Single Family Residence (SFR) used 65% of total water demand

2. Goal - Projected revenue from Tier 1 equals projected revenues from Tier 3 & Tier 4 AND Avg. Cost = Tier 2 Rate

Date: 4/9/2015

FY 2015-16 Tiered Rates for Residential Single-family Dwelling Consumption Charges

Based on Revised Tier Block Levels by a percentage to meet Goals

Tiers	Current Rates ($/Kgal)	Current Use Block (Kgal /Bimonthly)		Proposed 7/1/15 Rates ($/Kgal)	Proposed Use Block (Kgal /Bimonthly)		Projected FY 15-16 SFR Water Use (Kgal)	Usage Revenues	No. of Bills	Distribution Among Blocks			Use Block (gpd)	
		Bottom	Top		Bottom	Top				Revenues	Water Use	Bills	Bottom	Top
Tier 1	$4.36	0	10	$4.72	0	10	352,234	$1,662,543	9,176	33%	43%	22%	0	164
Tier 2	$5.64	11	33	$6.10	11	25	314,652	$1,919,380	18,884	39%	39%	46%	165	402
Tier 3	$8.04	34	50	$8.70	26	37	91,266	$794,018	8,322	16%	11%	20%	403	611
Tier 4	$10.78	51		$11.66	38		51,730	$603,172	4,634	12%	6%	11%	612	12,033
Total Average							809,883	$4,979,114	41,016	100%	100%	100%		
Cost per Unit	$6.15							Accounts:	6,836					

Required Revenue from commodity charge for SFR[1] = $4,873,735 | $105,379 | = Above or Below Required Revenue

Notes:

1. Required revenue based on Single Family Residence (SFR) used 65% of total water demand
2. Goal - Projected revenue from Tier 1 equals projected revenues from Tier 3 & Tier 4 AND Avg. Cost = Tier 2 Rate

Error in

Tier 3	34	25%	26
Tier 4	51	25%	38

Date: 4/9/2015

PUBLIC NOTICE OF PROPOSED INCREASE IN WATER RATES AND CHARGES

Public Hearing to be held on Tuesday, June 16, 2015, at 6:00 p.m.
2700 Foothill Blvd., La Crescenta, CA 91214

The Crescenta Valley Water District (CVWD) Board of Directors is considering an 8.2% water rate increase to become effective July 1, 2015. **If approved, a water bill for a typical residence with a 3/4-inch meter using 18 units of water (18,000 gallons) during a two-month period will increase by $10.25 ($5.13 a month), a change from $124.90 to $135.15.**

Typical 2-Month Residential Water Bill using 18 Units of water		
Bi-Monthly Service Fee	**Water Usage Tier 1 Units 1 – 10**	**Water Usage Tier 2 Units 11-33**
$39.15	10 Units at $4.72	8 Units at $6.10
$39.15	10 x $4.72 = **$47.20**	8 x $6.10 = **$48.80**
$39.15 + $47.20 + $48.80 = $135.15		

EFFECTIVE DATE

If approved, the increased rates will become effective on all fees and charges on any bill where the billing period ends after July 1, 2015.

REASON FOR RATE INCREASE

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

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

CVWD has evaluated and identified certain facilities requiring rehabilitation or replacement. There are three ways for CVWD to pay for this work: borrow the money from the public by issuing a bond, obtain a grant from the state or federal government, or pay cash from current revenues. As a matter of policy, CVWD's Board decided not to ask its customers to approve bonds to fund system repair and replacement costs. CVWD does receive some limited grant funding. In the last three years the District received $1.3 million which was used to study a stormwater capture, establish an additional emergency water connection and construct a new water supply well. Even after crediting any grant funds to improve the District's supply reliability, the necessary critical repairs and infrastructure replacement will cost approximately $2 million per year which must be paid by CVWD using water revenues with the cost of this work added to each customer's water bill.

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

A list of the 2015 / 2016 capital projects is available on the District's website or at the main office.

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

YOUR WATER BILL

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

- **Water Service Charge:** A portion of the District's overall fixed costs which are not affected by water use: infrastructure, rehabilitation, system maintenance, and administration.
- **Foothill Municipal Water District (FMWD) Charge:** The estimated amount that CVWD will pay FMWD for purchasing imported water.
- **Water Quantity Charge:** The CVWD price per unit of water based on a tiered structure. A unit of water is 1,000 gallons.

PROPOSED WATER RATE INCREASE

Water service charge: Increase from $36.18 per bi-monthly billing period to **$39.15** per bi-monthly billing period for a typical (3/4-inch) residential water meter. Refer to the attached table for increased water service charges for larger meters.

FMWD Charge: No change, the charge remains at **$2.03** per unit. This amount is applicable to each unit in every tier including multi-family, commercial, and irrigation accounts.

Water Quantity Charge: Single Family Residence

- **Tier 1 water rate (0-10 units):** Increase from $2.33 to **$2.69** per unit.
- **Tier 2 water rate (11-33 units):** Increase from $3.61 to **$4.07** per unit.
- **Tier 3 water rate (34-50 units):** Increase from $6.01 to **$6.67** per unit.
- **Tier 4 water rate (51 units and above):** Increase from $8.75 to **$9.63** per unit.

Water Quantity Charge: Multi-Family Dwellings, Commercial, Institution, and School

- Increase from $3.61 to **$4.07** per unit.

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

- **Tier 1 water rate (0-70 units):** Increase from $3.61 to **$4.07** per unit.
- **Tier 2 water rate (71 units and above):** Increase from $8.75 to **$9.63** per unit.

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

FMWD CHARGE

The cost of imported water is represented on each bill as the FMWD pass through charge (Imported Water Costs). CVWD does not control the fees associated with purchasing imported water. Metropolitan Water District of Southern California (MWD) has approved an overall rate increase of 5% for the 2015/2016 fiscal year. CVWD uses historical information to estimate the expense CVWD will incur during the fiscal year to purchase water from FMWD. That amount is divided equally into the amount of water CVWD sells by units of 1,000 gallons. Each customer pays the FMWD charge on each unit of water they use. In addition to supplementing CVWD's water supply, imported water is used for water quality purposes and also serves as a backup to the District's groundwater supply. As CVWD anticipates purchasing less imported water, due to current conditions, despite the rising costs of imported water, the FMWD pass through charge will remain at $2.03 per unit.

WHERE YOUR WATER COMES FROM

CVWD serves its customers water which is pumped from the ground (produced) by the District through a series of groundwater wells located within the Verdugo Basin and water purchased from FMWD. FMWD is a wholesaler whose primary job is to purchase water from MWD and sell it to retail agencies like CVWD. The purchased water consists of a combination of water from the California State Water Project and from the Colorado River. The distance the water must travel greatly increases the cost of supplying the water. Water CVWD purchases is nearly three times more expensive than the water the District produces.

PROPOSED WATER RATE TABLE

CURRENT RATES

Quantity Charge: Single Family Residences

	Water Use Range	CVWD	FMWD	TOTAL
Tier 1	1-10 Units	$ 2.33	$ 2.03	**$ 4.36**
Tier 2	11-33 Units	$ 3.61	$ 2.03	**$ 5.64**
Tier 3	34-50 Units	$ 6.01	$ 2.03	**$ 8.04**
Tier 4	51 Units and above	$ 8.75	$ 2.03	**$ 10.78**

Quantity Charge: Multi-Family Units, Commercial, & Schools

	CVWD	FMWD	TOTAL
Base Rate	$ 3.61	$ 2.03	**$ 5.64**

Quantity Charge: Irrigation

Irrigation Usage Charge:		CVWD	FMWD	TOTAL
Tier 1	1-70 Units	$ 3.61	$ 2.03	**$ 5.64**
Tier 2	Above 70 Units	$ 8.75	$ 2.03	**$ 10.78**

Meter Service Charge per bi-monthly billing period

Meter Size	7/1/2014 Within District	7/1/2014 Outside District *
3/4"	$ 36.18	$ 36.58
1"	$ 44.44	$ 44.84
1½"	$ 64.88	$ 65.28
2"	$ 82.06	$ 82.46
3"	$ 89.48	$ 89.88
4"	$ 229.90	$ 230.30

Private Fire Protection Service Charge per bi-monthly billing period

Meter Size	7/1/2014 Within District	7/1/2014 Outside District *
1"	$ 15.14	$ 15.54
2"	$ 22.30	$ 22.70
3"	$ 33.28	$ 33.68
4"	$ 45.12	$ 45.52
6"	$ 77.58	$ 77.98
8"	$ 118.02	$ 118.42
10"	$ 164.80	$ 165.20

PROPOSED RATES

Quantity Charge: Single Family Residences

	Water Use Range	CVWD	FMWD	TOTAL
Tier 1	1-10 Units	$ 2.69	$ 2.03	**$ 4.72**
Tier 2	11-33 Units	$ 4.07	$ 2.03	**$ 6.10**
Tier 3	34-50 Units	$ 6.67	$ 2.03	**$ 8.70**
Tier 4	51 Units and above	$ 9.63	$ 2.03	**$ 11.66**

Quantity Charge: Multi-Family Units, Commercial, & Schools

	CVWD	FMWD	TOTAL
Base Rate	$ 4.07	$ 2.03	**$ 6.10**

Quantity Charge: Irrigation

Irrigation Usage Charge:		CVWD	FMWD	TOTAL
Tier 1	1-70 Units	$ 4.07	$ 2.03	**$ 6.10**
Tier 2	Above 70 Units	$ 9.63	$ 2.03	**$ 11.66**

Meter Service Charge per bi-monthly billing period

Meter Size	7/1/2015 Within District	7/1/2015 Outside District *
3/4"	$ 39.15	$ 39.55
1"	$ 48.08	$ 48.48
1½"	$ 70.20	$ 70.60
2"	$ 88.79	$ 89.19
3"	$ 96.82	$ 97.22
4"	$ 248.75	$ 249.15

Private Fire Protection Service Charge per bi-monthly billing period

Meter Size	7/1/2015 Within District	7/1/2015 Outside District *
1"	$ 16.38	$ 16.78
2"	$ 24.13	$ 24.53
3"	$ 36.01	$ 36.41
4"	$ 48.82	$ 49.22
6"	$ 83.94	$ 84.34
8"	$ 127.70	$ 128.10
10"	$ 178.31	$ 178.71

One Unit of Water is 1,000 gallons.

*** Customers located within the City of Glendale are charged a $0.40 administration fee per bi-monthly period for collection of Glendale Utility Tax.**

Crescenta Valley Water District (CVWD) Foothill Municipal Water District (FMWD)

PROTEST LETTERS

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

Protest letters will be tabulated and presented to the Board of Directors at a public hearing to be held on **Tuesday, June 16, 2015, at 6:00 p.m. at the CVWD main office.** Any CVWD customer or property owner may submit a letter or appear at the hearing to make comments regarding the proposed rate increase. Letters received prior to June 12, 2015 at noon will be included in the agenda package distributed to the Board of Directors and posted online at www.cvwd.com.

The Board of Directors may adopt, revise, or modify the rate increase as proposed at a Special Board meeting which is scheduled for June 30, 2015 at 7:00 p.m.

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

WHERE TO GET MORE INFORMATION

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

DISTRICT INFORMATION

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

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

CVWD offers a **20% senior low-income discount (62-years or older and an annual household income of $30,000 per year or less)** for up to 26 units of water used per bi-monthly billing period. Visit CVWD's website, **www.cvwd.com** for more information or contact CVWD at (818) 248-3925. This program is not funded by revenue collected from water bills.

WAYS TO REDUCE YOUR WATER BILL

Outdoor irrigation usually accounts for the largest portion of your water bill. Check your sprinklers regularly to ensure that they are in good operational order. Runoff water from landscape irrigation is not permitted and can result in penalties. Watering outside is currently limited to 3-days per week, Tuesday, Thursday, and Saturday before 9:00 a.m. and after 5:00 p.m.

California is in a serious drought. Please make sure to repair all leaks immediately. You can easily check your water meter to ensure there are no leaks. Low flow shower heads, toilet leak detection tablets, information on water audits, or instructions on how to check your water meter are available at the District's Office located at 2700 Foothill Blvd.

Take advantage on savings for water efficient devices and rebates on turf removal. For details check the District website at www.cvwd.com. Rebate information is also available at www.socalwatersmart.com.

PUBLIC NOTICE OF PROPOSED INCREASE IN WATER RATES AND CHARGES

Public Hearing to be held on Tuesday, June 16, 2015, at 6:00 p.m.
2700 Foothill Blvd., La Crescenta, CA 91214

The Crescenta Valley Water District (CVWD) Board of Directors is considering an 8.2% water rate increase to become effective July 1, 2015**. If approved, a water bill for a typical residence with a 3/4-inch meter using 18 units of water (18,000 gallons) during a two-month period will increase by $10.25 ($5.13 a month), a change from $124.90 to $135.15.**

Typical 2-Month Residential Water Bill using 18 Units of water		
Bi-Monthly Service Fee	**Water Usage Tier 1 Units 1 – 10**	**Water Usage Tier 2 Units 11-25**
$39.15	10 Units at $4.72	8 Units at $6.10
$39.15	10 x $4.72 = **$47.20**	8 x $6.10 = **$48.80**
$39.15 + $47.20 + $48.80 = $135.15		

EFFECTIVE DATE

If approved, the increased rates will become effective on all fees and charges on any bill where the billing period ends after July 1, 2015.

REASON FOR RATE INCREASE

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

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

CVWD has evaluated and identified certain facilities requiring rehabilitation or replacement. There are three ways for CVWD to pay for this work: borrow the money from the public by issuing a bond, obtain a grant from the state or federal government, or pay cash from current revenues. As a matter of policy, CVWD's Board decided not to ask its customers to approve bonds to fund system repair and replacement costs. CVWD does receive some limited grant funding. In the last three years the District received $1.3 million which was used to study a stormwater capture, establish an additional emergency water connection, and construct a new water supply well. Even after crediting any grant funds to improve the District's supply reliability, the necessary critical repairs and infrastructure replacement will cost approximately $2 million per year which must be paid by CVWD using water revenues with the cost of this work added to each customer's water bill.

Water conservation will not reduce the cost of infrastructure repair and replacement because these costs are not affected by the variations in the amount of water delivered year to year. However, water utility revenue ***is*** based on the amount of water consumed that does vary from year to year. Under the current extreme drought conditions water use has and is expected to continue to decline resulting in a revenue shortfall. Along with the rate increase, the amount of water allotted tiers two, three and four has been adjusted accordingly. CVWD is using some financial reserves to mitigate the proposed rate increase.

A list of the 2015 / 2016 capital projects is available on the District's website or at the main office.

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

YOUR WATER BILL

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

- **Water Service Charge:** A portion of the District's overall fixed costs which are not affected by water use: infrastructure, rehabilitation, system maintenance and administration.
- **Foothill Municipal Water District (FMWD) Charge:** The estimated amount that CVWD will pay FMWD for purchasing imported water.
- **Water Quantity Charge:** The CVWD price per unit of water based on a tiered structure. A unit of water is 1,000 gallons.

PROPOSED WATER RATE INCREASE

Water service charge: Increase from $36.18 per bi-monthly billing period to **$39.15** per bi-monthly billing period for a typical (3/4-inch) residential water meter. Refer to the attached table for increased water service charges for larger meters.

FMWD Charge: No change, the charge remains at **$2.03** per unit. This amount is applicable to each unit in every tier including multi-family, commercial, and irrigation accounts.

Water Quantity Charge: Single Family Residence

- **Tier 1 water rate (0-10 units):** Increase from $2.33 to **$2.69** per unit.
- **Tier 2 water rate (11-25 units):** Increase from $3.61 to **$4.07** per unit.
- **Tier 3 water rate (26-37 units):** Increase from $6.01 to **$6.67** per unit.
- **Tier 4 water rate (38 units and above):** Increase from $8.75 to **$9.63** per unit.

Water Quantity Charge: Multi-Family Dwellings, Commercial, Institution, and School

- Increase from $3.61 to **$4.07** per unit.

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

- **Tier 1 water rate (0-70 units):** Increase from $3.61 to **$4.07** per unit.
- **Tier 2 water rate (71 units and above):** Increase from $8.75 to **$9.63** per unit.

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

FMWD CHARGE

The cost of imported water are represented on each bill as the FMWD pass through charge (Imported Water Costs). CVWD does not control the fees associated with purchasing imported water. Metropolitan Water District of Southern California (MWD) has approved an overall rate increase of 5% for the 2015/2016 fiscal year. CVWD uses historical information to estimate the expense CVWD will incur during the fiscal year to purchase water from FMWD. That amount is divided equally into the amount of water CVWD sells by units of 1,000 gallons. Each customer pays the FMWD charge on each unit of water they use. In addition to supplementing CVWD's water supply, imported water is used for water quality purposes and also serves as a backup to the District's groundwater supply. As CVWD anticipates purchasing less imported water, due to current conditions, despite the rising costs of imported water, the FMWD pass through charge will remain at $2.03 per unit.

WHERE YOUR WATER COMES FROM

CVWD serves its customers water which is pumped from the ground (produced) by the District through a series of groundwater wells located within the Verdugo Basin and water purchased from FMWD. FMWD is a wholesaler whose primary job is to purchase water from MWD and sell it to retail agencies like CVWD. The purchased water consists of a combination of water from the California State Water Project and from the Colorado River. The distance the water must travel greatly increases the cost of supplying the water. Water CVWD purchases is nearly three times more expensive than the water the District produces.

PROPOSED WATER RATE TABLE

CURRENT RATES

Quantity Charge: Single Family Residences

	Water Use Range	CVWD	FMWD	TOTAL
Tier 1	1-10 Units	$ 2.33	$ 2.03	**$ 4.36**
Tier 2	11-33 Units	$ 3.61	$ 2.03	**$ 5.64**
Tier 3	34-50 Units	$ 6.01	$ 2.03	**$ 8.04**
Tier 4	51 Units and above	$ 8.75	$ 2.03	**$ 10.78**

Quantity Charge: Multi-Family Units, Commercial, & Schools

	CVWD	FMWD	TOTAL
Base Rate	$ 3.61	$ 2.03	**$ 5.64**

Quantity Charge: Irrigation

Irrigation Usage Charge:		CVWD	FMWD	TOTAL
Tier 1	1-70 Units	$ 3.61	$ 2.03	**$ 5.64**
Tier 2	Above 70 Units	$ 8.75	$ 2.03	**$ 10.78**

Meter Service Charge per bi-monthly billing period

Meter Size	7/1/2014 Within District	7/1/2014 Outside District *
3/4"	$ 36.18	$ 36.58
1"	$ 44.44	$ 44.84
1½"	$ 64.88	$ 65.28
2"	$ 82.06	$ 82.46
3"	$ 89.48	$ 89.88
4"	$ 229.90	$ 230.30

Private Fire Protection Service Charge per bi-monthly billing period

Meter Size	7/1/2014 Within District	7/1/2014 Outside District *
1"	$ 15.14	$ 15.54
2"	$ 22.30	$ 22.70
3"	$ 33.28	$ 33.68
4"	$ 45.12	$ 45.52
6"	$ 77.58	$ 77.98
8"	$ 118.02	$ 118.42
10"	$ 164.80	$ 165.20

PROPOSED RATES

Quantity Charge: Single Family Residences

	Water Use Range	CVWD	FMWD	TOTAL
Tier 1	1-10 Units	$ 2.69	$ 2.03	**$ 4.72**
Tier 2	11-**25** Units	$ 4.07	$ 2.03	**$ 6.10**
Tier 3	**26-37** Units	$ 6.67	$ 2.03	**$ 8.70**
Tier 4	**38** Units and above	$ 9.63	$ 2.03	**$ 11.66**

Quantity Charge: Multi-Family Units, Commercial, & Schools

	CVWD	FMWD	TOTAL
Base Rate	$ 4.07	$ 2.03	**$ 6.10**

Quantity Charge: Irrigation

Irrigation Usage Charge:		CVWD	FMWD	TOTAL
Tier 1	1-70 Units	$ 4.07	$ 2.03	**$ 6.10**
Tier 2	Above 70 Units	$ 9.63	$ 2.03	**$ 11.66**

Meter Service Charge per bi-monthly billing period

Meter Size	7/1/2015 Within District	7/1/2015 Outside District *
3/4"	$ 39.15	$ 39.55
1"	$ 48.08	$ 48.48
1½"	$ 70.20	$ 70.60
2"	$ 88.79	$ 89.19
3"	$ 96.82	$ 97.22
4"	$ 248.75	$ 249.15

Private Fire Protection Service Charge per bi-monthly billing period

Meter Size	7/1/2015 Within District	7/1/2015 Outside District *
1"	$ 16.38	$ 16.78
2"	$ 24.13	$ 24.53
3"	$ 36.01	$ 36.41
4"	$ 48.82	$ 49.22
6"	$ 83.94	$ 84.34
8"	$ 127.70	$ 128.10
10"	$ 178.31	$ 178.71

One Unit of Water is 1,000 gallons.

*** Customers located within the City of Glendale are charged a $0.40 administration fee per bi-monthly period for collection of Glendale Utility Tax.**

Crescenta Valley Water District (CVWD) Foothill Municipal Water District (FMWD)

PROTEST LETTERS

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

Protest letters will be tabulated and presented to the Board of Directors at a public hearing to be held on **Tuesday, June 16, 2015, at 6:00 p.m. at the CVWD main office.** Any CVWD customer or property owner may submit a letter or appear at the hearing to make comments regarding the proposed rate increase. Letters received prior to June 12, 2015 at noon will be included in the agenda package distributed to the Board of Directors and posted online at www.cvwd.com.

The Board of Directors may adopt, revise, or modify the rate increase as proposed at a Special Board meeting which is scheduled for June 30, 2015 at 7:00 p.m.

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

WHERE TO GET MORE INFORMATION

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

DISTRICT INFORMATION

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

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

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Information item

Crescenta Valley Weekly

Gone Lawns – and More – May Result from Mandate

By Jason KUROSU, April 9, 2015

After a fourth consecutive year of drought and the lowest snowpack on record, Gov. Jerry Brown has instituted the state's first ever mandatory water restrictions, which seek to reduce water use by 25% at each of the state's 411 local water agencies by Feb. 28, 2016.

Among the goals of the governor's executive order is a statewide initiative for the replacement of 50 million square feet of lawns with drought tolerant landscaping, a rebate program to replace inefficient household appliances such as toilets and faucets, and the prohibition of irrigating with potable water unless it is done through drip irrigation or microspray systems.

The Crescenta Valley Water District will be developing a plan for complying with and enforcing the new restrictions. Specific regulations will be adopted by the California State Water Resources Control Board in early May.

Crescenta Valley Water District General Manager Thomas Love said that a 25% reduction of the district's water use "is going to be a challenge."

Love said that CVWD will continue with conservation outreach efforts such as turf rebates and other conservation incentives, but that enforcement will be instrumental in compliance with the new restrictions.

"The last thing we want to do is fine people," said Love, but added "the state has mandated that we need to put people on notice."

The restrictions largely target urban water suppliers, despite that 80% of California's water is used by agriculture. Agricultural water suppliers will be required to develop drought management plans and submit those plans to officials by July 2016, but will not be subjected to the same restrictions.

Bill Patzert, a climatologist at the NASA Jet Propulsion Laboratory, said that the restrictions would not have a significant impact without reevaluating how the state's water is managed.

Patzert said that a 25% reduction on municipalities is closer to a 4% to 5% reduction statewide, when agriculture and fracking are not taken into account.

"It's a lot of headlines without a lot of reduction," said Patzert. "We have to rethink the equitable redistribution of water in California."

Patzert did say that a positive effect of the restrictions was conservation awareness by the state's residents. One such example of the shifting public awareness is at Descanso Gardens, which will be opening a low-water demonstration garden to the public this Friday. The garden features 34 examples of drought-tolerant plants in the Center Circle Garden, which are watered through drip irrigation.

David R. Brown, executive director of Descanso Gardens, said, "We wanted to show people that they can make a beautiful garden while using less water."

FormLA Landscaping, which designed and built the garden, will hold four "walk and talk" demonstrations over the next year, detailing how residents can create their own drought conscious gardens, saving water without sacrificing aesthetics.

Brown said that growing public interest in creating such gardens will hopefully lead to an increasing supply of drought-tolerant plants available to the public for purchase and use at home.

Patzert believes that lifestyle changes and increased conservation habits are beneficial, but a minute portion of the overall issue that can easily be accomplished without having much effect on the state's drought conditions.

Patzert said that California residents "could reduce their water use by 25% while standing on one leg with one hand tied behind their back."

Furthermore, the pattern of rising sea surface temperatures indicates potentially wetter years to come.

"The drought pattern is typically decades of drought followed by decades of increased snowpack and rainfall," said Patzert, who said that the last lowest snowpack level in 1977 was followed by the wettest year on record at that time, during 1978.

The focus, as it pertains to water restrictions, goes back to the distribution of water.

"It takes about a billion cubic meters of water to supply the entire city of Los Angeles. It takes about 3.5 billion cubic meters to produce all the almonds in California," said Patzert. "Given the new reality of the drought, we need to take a good hard look at who's getting the majority of the water."

Information Item

Court case could be blow for California drought fight

San Juan Capistrano resident John Perry spearheaded the lawsuit against San Juan Capistrano, challenging the city over its tiered water rate structure. (Allen J. Schaben / Los Angeles Times)

By MATT STEVENS *contact the reporter*

Appeals court ruling in San Juan Capistrano case could change how Californians pay for water

An appellate court ruling due by next week could put a glitch in plans to reach Gov. Jerry Brown's goal of slashing urban water use by 25% statewide.

When Brown announced on April 1 his historic order to cut water use from 2013 levels, he told water agencies to use pricing structures that encourage conservation. In other words, he directed them to charge higher rates to people who use the most water.

But those kinds of rate structures are under fire in a San Juan Capistrano case that could affect water districts statewide. State law prohibits water agencies from charging more for water than the cost of producing and delivering it. A group of San Juan Capistrano residents has challenged the city's tiered rate structure, arguing that it resulted in arbitrarily high fees.

About two-thirds of California water agencies already use some type of tiered structure, and the Los Angeles Department of Water and Power is considering expanding its tiers, charging even more for high use.

An appeals court is expected to issue a decision in the case this week. If the court publishes its opinion, water lawyers say the decision could have major implications for agencies that use or are considering adopting tiered rates.

Stephanie Pincetl, director of the California Center for Sustainable Communities at UCLA, is among several experts who say tiered water rates are crucial to conservation. Rates are likely to increase no matter how the San Juan Capistrano case is decided, she said, and tiered rates are a more equitable way to charge for water use.

What are tiered rate structures and who uses them?

At least two-thirds of California water districts use some form of a tiered rate structure. Those programs usually charge less for low usage and progressively more as use increases. The city of San Juan Capistrano's 2010 rate schedule, the one being challenged in court, charged customers $2.47 per unit of water in the first tier and up to $9.05 per unit in the fourth. The Los Angeles Department of Water and Power also employs a tiered rate structure, but it has only two tiers separated by less than $2 in price.

About a third of California's urban water districts use flat rate structures that charge customers the same amount for each unit — 748 gallons — of water used. Typically under those structures, customers are charged the same amount no matter how much water they use.

Experts say steep tiers encourage customers to keep their water use — and their bills — low.

Why did the lower court find that tiered rates were illegal in San Juan Capistrano?

Residents argued that the city's tiered pricing violated Proposition 218, a 1996 law intended to prevent local governments from gouging taxpayers. The law prohibits agencies from charging customers more than the "cost of the service" provided.

At as much as $9.05 a unit in the highest tier, the city was charging customers who used the most water more than the actual cost to deliver it, the plaintiffs said.

A Superior Court judge agreed, declaring the city's rate structure invalid in 2013. In his decision, Judge Gregory Munoz wrote that the city failed to establish "credible evidence that the rate increases were proportional to the costs of providing water."

Since that ruling, the city has flattened its tiers and tied charges more directly to water costs while it awaits the appellate court decision.

What could the appellate court decide?

rt could return a narrow ruling that pertains only to San Juan Capistrano or it could invalidate tiered rates entirely, said Michael G. Colantuono, an attorney representing the city in its case.

More likely, however, the court will take a middle road. It could issue a ruling that reminds water districts that they must explicitly tie water charges to actual service costs. It could also issue a prescriptive ruling that dictates specifically how a water agency can allocate its costs and structure its rates.

If the court rules in favor of the residents, water agencies could still justify using tiered rates by tying them to a specific water source, such as the Colorado River or a local aquifer. Then, agencies could charge customers based on the varying costs of getting water from those sources. The key would be ensuring the rates are not what plaintiffs called "arbitrary," Benjamin T. Benumof, an attorney for the plaintiffs, and other water lawyers have said.

Water lawyers have also suggested that agencies that receive water from wholesalers, such as the Metropolitan Water District of Southern California, could tie increased costs to surcharges imposed during rationing. The MWD is expected to vote Tuesday on a plan to cut its water allocations by 15%. Water districts that use more than they are allocated would be hit with expensive surcharges, costs they are likely to pass on to customers who use large amounts of water.

The Los Angeles Department of Water and Power is considering expanding its price tiers from two to four to make big water users pay even more.

"LADWP is closely monitoring the San Juan Capistrano case," the agency said in a statement Monday.

What are the implications of this case for the rest of California?

If the appeals court publishes its opinion as expected, the ruling will become case law in Orange County, which lawyers can cite as precedent in future cases, Benumof said. If the 4th District Court of Appeal rules in favor of the plaintiffs, water districts that use similar tiered rate structures could be sued on similar grounds if they don't change how they charge.

Water districts located in appeals districts outside of Orange County would not technically be bound by the decision, but water lawyers are likely to rely on it as they argue future cases, Benumof said.

It's not clear whether San Juan Capistrano would appeal if the city loses.

John Perry, one of the residents who helped create the taxpayer group that sued the city, is now on the City Council. On Monday, he said that because the rate structure has been revised, the council is unlikely to instruct the city to appeal.

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INFO ITEM

The MWD's boss tells it like it is on California's water woes

The Metropolitan Water District was formed in 1928, when the Roaring '20s in Southern California meant a roaring abundance of water too. Today the nonprofit

The Metropolitan Water District was formed in 1928, when the Roaring '20s in Southern California meant a roaring abundance of water too. Today the nonprofit wholesaler provides water to half of the people in California, through cities and water agencies. Water is getting harder to find, the price is going up — truths brought home by this week's 15% cut in how much water the MWD will sell to its members. One of them is Los Angeles' Department of Water and Power, whose own independent water sources are being stretched, forcing the DWP to get more of its water from the MWD. Jeffrey Kightlinger has run the MWD for more than nine years, a job that's now about doing much more with a lot less.

It used to seem California water agencies wanted us to just turn on the tap and not think about the value of water. Why?

It fed our ideas about what California was — this lifestyle, transforming California from an arid-looking desert to a lush environment. In the utility business, we pride ourselves on being so reliable that the consumer doesn't have to think, is my toilet going to work today? Is my light switch going to work? We want to be there 24/7, 365, under all circumstances, because people expect it.

So for 80-plus years, the MWD has been about getting and selling water. Now it has to be about saving water.

Yes. We're going to be reliable, but that doesn't mean you have the right to use whatever you want. This water came from 500 miles away so you can brush your teeth. A lot of effort and energy went into getting it there. So be respectful of it.

When we had to ration water in the 1990s, we realized we can't bring in any more. We set a goal to cap our water sales and accommodate growth through conservation, recycling and reclamation. We're actually selling less water today than in 1990, and we have 5 million more people. It's kind of a goofy business: Our goal is to drive down our sales and not grow our revenue.

Yet you have to make pretty much the same amount of money to run a system with less water, even as water gets more expensive.

We're trying to make it go further. We've done it for 25 years, and we believe we can do it for the next 25, but it does get harder. You have to pay for water [maintenance], for conservation and recycling programs. But by and large, most people seem to get it, that if you reduce your water usage every year, [even though] the price goes up, it balances out. Rates have gone up, but the typical household bill has gone up less than inflation, because they've conserved.

You're also giving out rebates to take out grass.

Right now the biggest expense we have is giving people $2 a square foot to take out turf. We've done about $60 million to date and expect to do $100 million by the end of the year.

It's not a matter of letting your lawn go brown for a year then getting it back next year. It's a matter of removing it.- Jeffrey Kightlinger, Metropolitan Water District

But most of it is going to businesses. Some large golf courses are getting seven-figure checks.

Our board figured water savings is water savings. It doesn't matter if it's at a household or at a business. We also wanted to be visible. Big businesses are very visible. We are trying to get a market transformation. We want people to not even think about doing a lawn.

But if homeowners see a neighbor tearing out a lawn, they may think to do the same.

There's a value to having it for individual houses as well. As the money tightens up — we can't do this forever, $2 a square foot for every inch of Southern California — we're going to have to start rolling it back and probably start putting in caps for businesses.

Almost a dozen years ago I took out our front lawn and put in native plants. We were the first house that did it, and people said, you're a water guy, of course you did that. Now I've seen about eight houses in three blocks from us that have done it. It's become socially acceptable.

What will water cutbacks look like, one house at a time?

The state [water] board has calibrated it with pretty broad brackets. One bracket covers those using 110 to 165 gallons a day per person. For them, the cut is 25%. There's a huge difference between 165 and 110. If you're at that upper end, it might be a lot easier to get to the 25%.

[Cities] try to calibrate for the household, [similar to] giving people a living allotment of water. Above it, you start seeing higher tiers and prices. You can still use a lot of water per capita per day at your house, but [above a certain amount] you'll be paying triple.

If you have a big yard, if you let your lawn die, you'll get to 25% overnight. But if you're living in a condominium, and it's going to be a matter of shaving 30 seconds off a shower, there's very little [give].

This isn't like earlier droughts when the thinking went, it'll rain and snow again. This looks like the new normal.

In the 1970s, we had a pretty bad drought and we told people, don't flush, put a brick in your toilet — the idea was, get through it, and life went on as normal. In the '90s we retrofitted virtually every toilet in Southern California, low-flow shower heads, all the technical stuff. This time, the change we're trying to make is outdoors. It's not a matter of letting your lawn go brown for a year then getting it back next year. It's a matter of removing it. We want Southern California to see lawns as more for your kids or your dogs to use. We're trying to get people to get rid of the lawn that's just there to look pretty.

But about 80% of California water still goes to agriculture.

[You] open the newspaper and see they're growing 8 zillion tons of almonds and that's where the water's going — so why do I need to get rid of my lawn?

Early in my career I did a lot of beating up of agriculture, saying they need to reform their practices. Now I find myself defending them because agriculture is making great strides [with] drip irrigation, incredibly high-tech [irrigation] microsystems. High-water-usage/low-value crops [like cotton] are leaving the state. There's a lot of water usage for almonds, but they're high value and all on microsystems.

We're talking the day after a rainstorm. Water gushed down the streets and out into the ocean. Why can't that water be saved in the aquifer as it was for centuries?

We capture a fair amount up in the San Gabriels and feed our aquifers that way. But in the 1930s and '40s, L.A. was prone to horrific floods, and the Army Corps of Engineers built huge flood control systems. Now people are saying we'd like to reverse-engineer it. That would be good, but it's going to cost billions. The places where the water would go now have houses on them.

What about everyone's favorite deus ex machina, desalination?

It's doable — Israel is doing it — but it's expensive. It's the most energy-intensive water you can get, and California has made bold steps to renewable energy, so that makes it hard to go after energy-intensive water. Look at the Carlsbad [desalination] plant going online this year: It will be three times the cost of MWD water.

Our water system is a 150-year-old crazy quilt, a patchwork of rights and legal fights.

The MWD is a true example of regional government — six counties, 19 million people, half the state population. MWD has to coordinate with about 250 retailers. A lot are mom and pop [operations], and more consolidation would have been a lot more effective. Our water rights system has always been "first in time, first in right." Urban values are of higher value to the state economy than, say, growing cotton or alfalfa, but because cotton and alfalfa got here first, they have higher water rights. Now the only way to correct it, other than decades in court, is the market.

Republicans and Democrats are divided over more water storage; the GOP wants dams, the Democrats want groundwater.

It's like screwdrivers versus hammers. You need both. Groundwater doesn't evaporate, it has a low footprint, you don't have to build infrastructure and it's cheaper. But it's slow to get into the ground and slow to get it back out. In August, I can pull down surface water fast and then refill it with groundwater. We need both. It's peculiar how it's become political.

What's become of the old north-south state water feud?

I grew up in Southern California and went to Berkeley. I was flabbergasted [to find] it was "hate LA." It's not as virulent today as it was. Northern California is relying on more imported water as well, so they've realized we're in this together. On the other hand, in Sacramento you see a "Stop Governor Brown's Delta Tunnels Project" sign on virtually every block. In Southern California, you'd be hard-pressed to find someone who even understood what the issue is.

Are you doing more water-saving messaging?

In a typical year we spend about a million and a half on PR. This year, it's $5.5 million. We had a [TV character] in the shape of California looking sad and depressed as people were wasting water.

Isn't it time to start scaring people a little?

I think so. We've been trying to do it with humor and consciousness-raising . Now I think it's time to jolt them.

This interview has been edited and condensed.

patt.morrison@latimes.com

Twitter: @pattmlatimes

CRESCENTA VALLEY WATER DISTRICT
INVESTMENT PORTFOLIO SUMMARY
April 17, 2015

INVESTMENT TYPE	ACCT/CUSIP I.D. NO.	PURCHASE DATE	*FACE VALUE	BOOK 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		$ (415,549)	$ (415,549)	$ (415,549)	-2.16%	$ (415,549)	none	n/a	$ 171	0.02%
GREAT PACIFIC SECURITIES	GPC-804452		$ 1,384,640	$ 1,384,640	$ 1,384,640	7.20%	$ 1,384,640	none	n/a	$ 17	0.02%
BOND DEBT SERVICE FUND	6948-331525		$ 418,457	$ 418,457	$ 418,457	2.18%	$ 418,457	none	n/a	$ 147	0.15%
LOCAL AGENCY INVESTMENT FUND	90-19-007		$ 1,745,325	$ 1,745,325	$ 1,745,325	9.08%	$ 1,745,325	none	n/a	$ 4,212	0.25% Dec 14
FEDERAL FARM CREDIT (78)	3133EAZN1	7/17/2012	$ 500,000	$ 500,000	$ 500,000	2.60%	$ 495,065	7/24/2020	10/24/2012	$ 6,125	1.84%
FEDERAL FARM CREDIT (81)	3133EAYP7	9/11/2012	$ 1,000,000	$ 1,005,220	$ 1,005,220	5.23%	$ 979,840	7/19/2022	n/a	$ 12,982	1.95%
FEDERAL FARM CREDIT (83)	3133EAY28	10/9/2012	$ 500,000	$ 502,885	$ 502,885	2.62%	$ 504,010	9/21/2017	n/a	$ 2,763	0.71%
FEDERAL FARM CREDIT (86)	3133EC4L5	11/15/2012	$ 1,000,000	$ 1,002,300	$ 1,002,300	5.21%	$ 982,320	11/23/2021	n/a	$ 10,719	1.58%
FEDERAL FARM CREDIT (87)	3133EC4Y7	11/19/2012	$ 500,000	$ 500,000	$ 500,000	2.60%	$ 498,785	11/27/2017	n/a	$ 3,096	0.93%
FEDERAL FARM CREDIT (96)	3133EENM8	2/2/2015	$ 1,000,000	$ 1,001,790	$ 1,001,790	5.21%	$ 968,726	2/6/2025	n/a	$ 1,539	2.14%
FEDERAL FARM CREDIT (97)	3133EENM8	2/9/2015	$ 1,270,000	$ 1,245,289	$ 1,245,289	6.48%	$ 1,232,924	2/6/2025	n/a	$ 1,428	2.38%
			$ 8,902,873	**$ 8,890,357**	**$ 8,890,357**		**$ 8,794,543**			**$ 60,842**	

Yield on investments including LAIF but not cash accounts	1.54%
Yield on investments not including LAIF or cash accounts	1.69%

INVESTMENT TYPE	ACCT/CUSIP I.D. NO.	PURCHASE DATE	*FACE VALUE	BOOK VALUE	INVESTMENT COST	% OF TOTAL	**MARKET VALUE	MATURITY DATE	DATE CALLABLE	EARNED TO DATE	YIELD TO MATURITY
CONSTRUCTION FUNDS											
CONSTRUCTION CASH FUNDS	412-1575005		$ -	$ -	$ -	0.00%	$ -	none	n/a	$ 19	0.02%
COPS RESERVE FUND	108614000		$ 617,134	$ 617,134	$ 617,134	3.21%	$ 617,367	none	n/a	$ 116	0.02%
			$ 617,134	**$ 617,134**	**$ 617,134**		**$ 617,367**			**$ 135**	
MTBE CONTINGENCY FUNDS											
LOCAL AGENCY INVESTMENT FUND	90-19-007		$ 2,694,779	$ 2,694,779	$ 2,694,779	14.02%	$ 2,694,779	none	n/a	$ 450	0.25% Dec 14
GREAT PACIFIC SECURITIES	GPC-003670		$ 4,174,591	$ 4,174,591	$ 4,174,591	21.72%	$ 4,174,591	none	n/a	$ -	0.02%
FEDERAL FARM CREDIT (M-35)	3133EDWX6	2/3/2015	$ 800,000	$ 849,960	$ 849,960	4.42%	$ 829,984	10/7/2024	n/a	$ 1,466	2.19%
US TREASURY (M-36)	912828J27	2/6/2015	$ 1,000,000	$ 989,106	$ 989,106	5.15%	$ 999,840	2/15/2025	n/a	$ 1,145	1.85%
FEDERAL FARM CREDIT (M-37) NEW	3133EEWP1	3/26/2015	$ 1,000,000	$ 996,470	$ 996,470	5.19%	$ 996,470	4/1/2025	n/a	$ -	2.41%
			$ -	$ -	$ -	0.00%	$ -		n/a	$ -	0.00%
			$ -	$ -	$ -	0.00%	$ -		n/a	$ -	0.00%
			$ -	$ -	$ -	0.00%	$ -			$ -	0.00%
			$ -	$ -	$ -	0.00%	$ -			$ -	0.00%
			$ 9,669,370	**$ 9,704,906**	**$ 9,704,906**		**$ 9,695,664**			**$ 3,061**	
TOTAL INVESTMENTS			$ 19,189,377	$ 19,212,397	$ 19,212,397		$ 19,107,574			$ 64,038	
CASH- PAYROLL ACCOUNT	0948-024724		$ 11,533	$ 11,533	$ 11,533	0.06%	$ 11,533				
TOTAL CASH AND INVESTMENTS			$ 19,200,911	$ 19,223,930	$ 19,223,930	100%	$ 19,119,108			**$ 64,038**	**1.06%**
							$ (105,056)	***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 October 31, 2014	
Water	$ 5,150,872.10
Wastewater	$14,047,327.09
Total Funds	$19,198,199.19

Ron L. Mitchell, Secretary-Treasurer, CVWD

April 17, 2015
Date

SEAL

CRESCENTA VALLEY WATER DISTRICT
BOARD OF DIRECTORS - STAFF REPORT

April 21, 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**

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1. <u>Water Production Report</u>

- April 1 – 15 – Water Production – 56%/ 44% split – 52.4 MG for the month
  Average use – 3.4% less than 2014 and 1.7% less than 5-yr average

2. <u>Rainfall Update</u>

- 0.11" for April 2015
- Rainfall total for Rainfall Year 2014/15 – 9.49"

3. <u>Report on Engineering</u>

- **<u>CIP Projects</u>**
  - Ocean View Chlorination Project
    - Building –See Staff Report
    - Treatment Equipment – Under Design
  - Oak Creek MCC –
    - Under Construction
    - MCC to be delivered by middle of July 2015
- **<u>Crescenta Valley County Park - Local Groundwater Assistance Grant</u>**
  - Percolation Test Pits – May 2015
- **<u>Well 16 – Prop. 84 – Drought Relief Grant</u>**
  - Design
    - Advertising for bids for on-site work
    - Waiting on Glendale to finalize comments from the Planning Department
- **<u>FMWD</u>**
  - No Report
- **<u>ULARA</u>**
  - AC Committee Meeting – April 15, 2015; Elected Chairman of AC Committee
- **<u>La Canada Flintridge – Water Committee</u>**
  - Next meeting – April 30, 2015
- **<u>As-Needed Consulting Services</u>**
  - DMc Engineering - Water Service Laterals – Design – 85% complete
  - SA Associates - Recycled Water Feasibility Study – 100% complete
  - GEI Consulting - Surge Tank – 30% Complete
- **<u>Grants – Proposition 84 – Round 4</u>**
  - Meeting – April 28, 2015; Choosing 5 of 21 projects
  - Recycled Water Project at Two-Strike Park - $6.61M
  - Nitrate Removal Treatment Facility at Well 2 - $1.45M
  - CVC Park Stormwater Recharge Facility - $4.1M

- **Water Meter Replacement Program**
  - FY 14/15 Water Meter Replacement Program – Replaced 625 meters to date
  - Staff reviewing water meter replacement program

4. Report on Administrative and Field Operations

- **Wells - Status**
  - Well production capacity was averaging 2.4 MGD for the month
- **Developer Jobs**
  - No Report
- **Booster Pumps**
  - No Report
- **Water Quality**
  - No Report
- **Reservoirs/Booster Stations**
  - No Report

5. Field Maintenance & Operations – April 1 – 17, 2015

- **Water lateral leaks & repairs**
  - 4801 Ramsdell
  - 2927 Community
  - 2208 Fairhurst
  - 2336 Henrietta
  - 2515 Fairmount
  - 2437 Los Olivos
- **Water Main Leaks**
  - No Report
- **Fire Hydrant Replacement**
  - Sunset & Manhattan – Shutdown – 4/21/15
- **Sewer Maintenance**
  - 2800 Blocks of Mayfield, Fairway, Alta Terrace and Harmony
  - 2600-2900 Blocks of Montrose
  - 4100 Block of La Crescenta
  - 2600 Blocks of Mayfield and Fairway
  - 5000 Blocks of La Crescenta
  - -4500-4700 Blocks of Glenwood
  - 2900 Block of Fairmount, Mary and Community
  - 2800 Block of Los Olivos

CRESCENTA VALLEY WATER DISTRICT

WATER PRODUCTION REPORT

April 1 - April 15, 2015

Well Production:	28,712,758	Gals		
Gravity Production:	650,000	Gals	% GW	56%
Purchased Water:				
FMWD:	23,039,250	Gals		
City of Glendale:	0	Gals	% Import	44%
TOTAL:	52,402,008	Gals		
	160.82	ac-ft		
Glenwood Nitrate Water Reclamation Plant:*	0	*Included in Well Production		

WATER DEMAND COMPARISON

	Average Daily Usage (gals)	Current Period Change	Average Daily Usage (gals)	Phase 1 Change
April 1, 2015 - April 15, 2015	3,493,467			
April 1, 2014 - April 15, 2014	3,616,615	-3.4%		
5-yr Average - April 2010 - 2014	3,552,540	-1.7%		
PHASE I CONSERVATION May 1, 2014 through April 15, 2015			3,867,740	
BASELINE CONSERVATION May 1, 2001 through April 15, 2002			5,239,918	-26.2%

RAINFALL: April 1 - April 15, 2015 — 0.11"

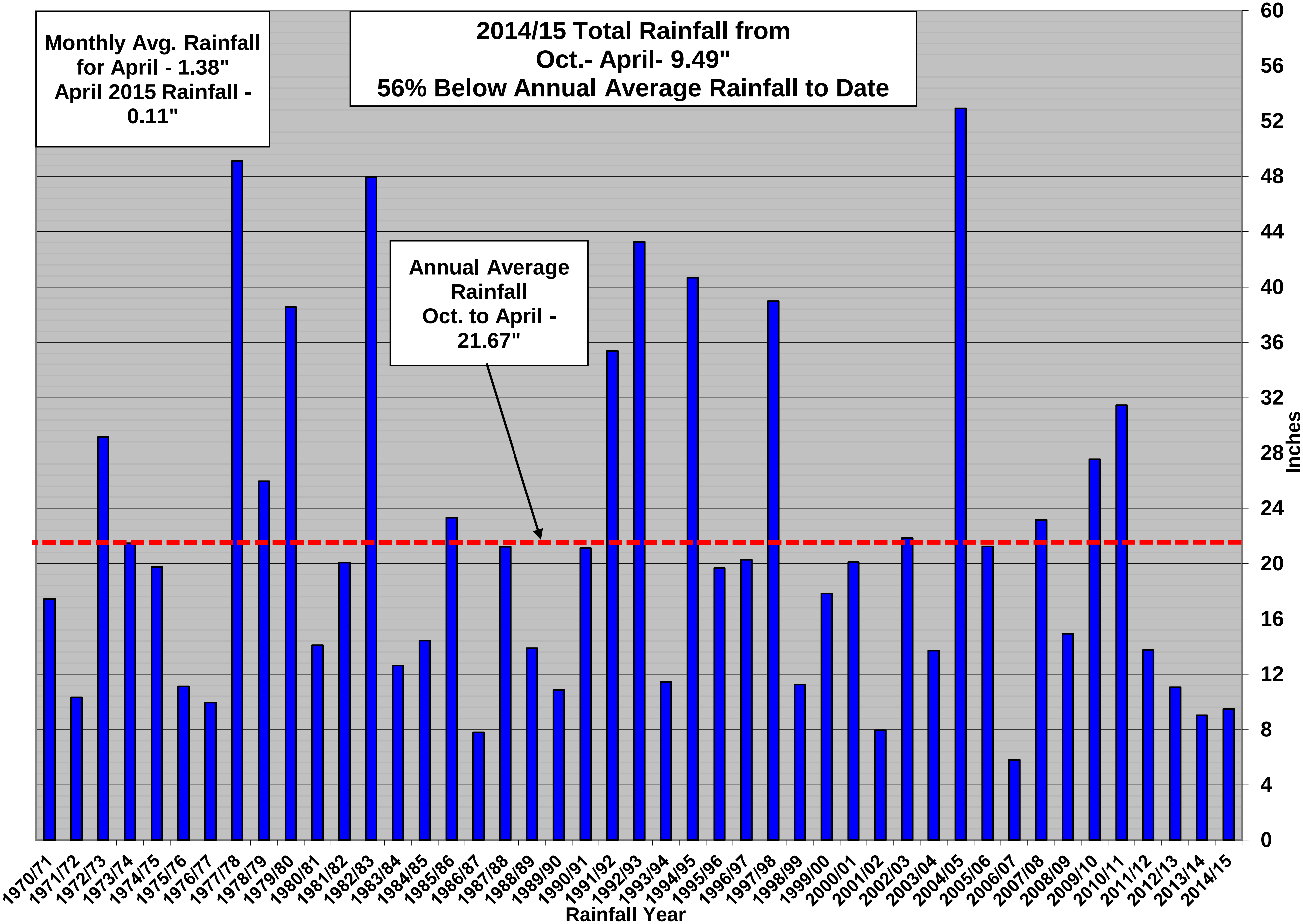
Season-To-Date: 9.49"

2014/15 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	**426**	**450**	**October**	**212**	**January**	**127**	**July**	**235**
August	**406**	**460**	**November**	**191**	**February**	**119**	**August**	**210**
September	**401**	**430**	**December**	**159**	**March**	**150**	**September**	**170**
October	**386**	**410**	**January**	**175**	**April**	**138**	**October**	**140**
November	**320**	**330**	**February**	**147**	**May**		**November**	**75**
December	**255**	**310**	**March**	**189**	**June**		**December**	**60**
January	**303**	**300**	**April**	**184**	**July**		**January**	**60**
February	**267**	**300**	**May**		**August**		**February**	**60**
March	**339**	**355**	**June**		**September**		**March**	**65**
April	**322**	**360**	**July**		**October**		**April**	**80**
May	**385**	**385**	**August**		**November**		**May**	**100**
June	**410**	**410**	**September**		**December**		**June**	**110**
Total to Date	3,103	3,345	Total to Date	1,257	Total to Date	535	Total to Date	1,365
Projected	4,220	4,500	Water Rights	3,294	Tier 2	2,154	WSAP	1,763
% of Projected	68.9%	74.3%	% of Rights	38%	% of Allocation	25%	% of Allocation	77%
Remaining	1,397	1,155	Remaining	2,037	Remaining	1,619	Remaining	398

NOTE:

1) Blue Numbers - Estimate Total Water Production

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



Revised Date: 4/17/2015

CRESCENTA VALLEY WATER DISTRICT
BOARD OF DIRECTORS - STAFF REPORT

April 21, 2015
Staff Report

To: Honorable President and Members of the Board of Directors

From: Christy J. Scott

Subject: **Water Conservation Update**

Monitoring Report Submitted to State for March 2015:

Production Numbers

➤ Total Water Production March 2015:	339 AF
➤ Total Water Production March 2013:	351 AF
➤ Percent Reduction:	3.5%
➤ Residential Gallons per Capita per Day (R-GPCD) March 2015:	98

Compliance Reporting

➤ Days of outdoor Irrigation Allowed:	3
➤ Number of Water Waste Complaints:	6
➤ Number of Follow-ups:	6
➤ Number of Warnings:	6
➤ Number of Penalties	0

Turf Rebates:

➤ Pending Applications:	123
➤ CVWD Funds Remaining:	$21,600
➤ Funds Submitted to MWD 2014/2015 FY:	$327,070
➤ MWD Funds Received 2014/2015 FY:	$237,870
➤ MWD outstanding	$89,200

Comments:
Turf rebate inquiries are coming in at a very rapid rate. The District is currently receiving about 20 calls per day regarding the program.

Calendar:

- **April 20, 2015**, 3:00 p.m. FMWD Public Hearing and Board Meeting to adopt amendments to the FMWD's water Conservation Plan and implement Stage 4 Water Shortage "Orange Alert".
- **April 21, 2015**, 10:00 a.m. at the City of La Canada, Changing of the Water Conservation Signs from Yellow to Orange (For FMWD) by Mayor Dave Spence.
- **April 25, 2015**, 10:00 a.m. – 5:00 p.m. Crescenta Valley Chamber of Commerce, Home Town Country Fair
- **April 23 - 25, 2015,** Mt. Sac plant Sale at Descanso Gardens
- **April 28, 2015,** 6:00 p.m. – 8:00 p.m. La Canada Presbyterian Church, 626 Foothill Blvd, La Cañada Flintridge, Water Supply Allocation Workshop
- **May 2, 2015,** 8:00 a.m. – 12:00 p.m. Crescenta Valley Town Council's Earth Day Event, Rosemont Middle School's parking lot

CRESCENTA VALLEY WATER DISTRICT

2700 FOOTHILL BOULEVARD
LA CRESCENTA, CALIFORNIA

Agenda for the Meeting of the Engineering Committee
of the Crescenta Valley Water District

To be held on

April 17, 2015 at 8:00 AM

Posted April 15, 2015 at 10:00 am

Call to Order

Adoption of Agenda

Information Items

1. Status of Groundwater Wells
    - Material will be provided at meeting
2. Presentation of Recycled Water Feasibility Study at Two-Strike Park
    - See attached Staff memo and Report
3. Review of FY 15/16 – CIP Project Schedule
    - Material will be provided at meeting

Public Comments

At this time, members of the public shall have an opportunity to address the Committee on items of interest that are within the subject matter jurisdiction of this Committee. This opportunity is non-transferable and speakers are limited to three (3) minutes each.

Committee Member's Request for Future Agenda Items

Next Engineering Committee Meeting – May 15, 2015

Adjournment

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Crescenta Valley Water District

Status and Upgrade for CVWD's Well for the 2015 summer High Demand Season

Well No.	System	Location	Design Well Production (gpm)	Current Well Production (gpm)	Current Condition	Meter	Level Transducer	Throttle Valve	Comments	Priority	Action Items	Estimated Costs	Schedule
1	Mills	3246 Mills Ave	350	158	Cycling	Need to be upgraded	Good	Yes	Well 1 cycling	1	Install VFD for Mills Booster A within existing MCC	$25,000	Design - 4/27 - 5/8/15 Bid/Contract - 5/11 - 5/15/15 Order VFD - 5/18 - 5/6/5/15 Install - 6/8 - 6/23/15
5	Mills/ Glenwood	3937 Pennsylvania	450	402	Flows to Mills for water for Booster	Need to replace 6" meter with Mag Meter	Good	No	Water going to Mills side; after adding VFD to Mills, water should flow more to Glenwood side	2	Upgrade Valve Actuator and Vault Hatch	$7,500	Order - 5/4 - 5/22/15 Install - 5/26 - 6/5/15
6	Glenwood	3730 Glenwood Ave	80	50	Low Level	Good	Good	Yes	Low Production Well 12 on - 15 - 20 gpm Well 12 off - 40-50 gpm		Need to watch level, may have to be off during summer		
7	Mills	3117 Mills Ave	350	250	Good	Good	Good	No	Good Well Production		Need to get old Pressure Transducer Lines out of well casing		
8	Glenwood	1425 Val Verde	350	185	Low Level	Need to be upgraded	Good	Yes	Runs - 24/7; level 11' above bowls.	6	Need to do a Dynamic Video; needs reduced orifice gate valve; maybe put in a VFD - Need Separate Cabinet; Hum noise from VFD	$2,500	Dynamic Video - 6/15 - 6/26/15
9	Mills	3312 Honolulu	150	112	Low Level	Good	Good	Yes	Concern about sound from FCV; maybe put in vault	3	Need to upgrade piping and add Flow Control Valve	$15,000	Install with CVWD Crews - 6/8 - 6/12/15
10	Glenwood	3730 Glenwood Ave	350	145	Low Level	Good	Good	Yes	Bac-T problems; look into recirculation piping set up; Need to maintain back pressure for meter to work	4	Need to add a reduced port on the gate valve for FCV; Need to do a Dynamic Video; Review small chlorination & feed tube; chlorinating gravel pack	$8,000	Dynamic Video - 6/15 - 6/26/15 Install with CVWD Crews - 6/15 - 6/19/15
11	Glenwood	3812 Honolulu	300	99	Low Level	Good	Good	Yes	Bac-T problems; low water production; look into recirculation piping set up		Need to look into FCV; Review small chlorination & feed tube		
12	Glenwood	3730 Glenwood Ave	250	91	Low Level	Good	Old - Bubbler Unit	Yes	Bac-T problems; Action plan 1. FCV 2. Replace piping 3. Replace Gate Valve	5	Need to replace gate valve; Need to reduce size of discharge piping; Review small chlorination & feed tube	$20,000	Design - 5/4 - 5/22/15 Order Material - 5/26 - 6/5/15 Install - 6/22 - 6/26/15
14	Glenwood	2760 Sycamore	250	128	Low Level	Good	Good	No	FCV working good	7	Add Rossum Sand Tester; Need to do a Dynamic Video;	$2,500	Dynamic Video - 6/15 - 6/26/15
15	Glenwood	3730 Glenwood Ave	110	N/A	Out of Service								
		Total	**2,990**	**1,620**	**54%**						**Total Estimated Costs**	**$80,500**	

CRESCENTA VALLEY WATER DISTRICT
STAFF REPORT

Information Item No. 2
April 17, 2015

To: Engineering Committee

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

Subject: **Presentation of Recycled Water Feasibility Study at Two-Strike Park Project M-951B**

INFORMATION ITEM:

Presentation of Recycled Water Feasibility Study at Two-Strike Park, Project M-951B – Presentation by SA Associates on the "draft" recycled water feasibility study

BACKGROUND

CVWD awarded a consultant contract to SA Associates to provide a feasibility study to use recycled water at LA County's Two-Strike Park. This study will explore using local sewage as source water, which will go through an MBR plant for treatment and the recycled water will be used to irrigate the park and be used for groundwater recharge.

DISCUSSION:

Staff met with John Robinson and Shahnawaz Ahmad from SA Associates in February 2015 to go over the goals parameters and location of the study. SA Associates used this data and information to prepare the "draft" feasibility study that is included with this Engineering Committee packet.

Mr. Robinson will be making a PowerPoint presentation at the Engineering Committee on the study for review, discussion and input.

Prepared & Submitted by:

____
David S. Gould, P.E.
District Engineer

Attachments:

1. "Draft" Recycled Water Feasibility Study at Two-Strike Park

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RECYCLED WATER FEASIBILITY STUDY

TWO-STRIKE PARK, LA CRESCENTA, CA.

APRIL, 2015

RECYCLED WATER PROJECT FEASIBILITY

BACKGROUND AND PURPOSE

↓

RECYCLING WATER FACILITY - ASSESSMENT, LOCATION, AND TREATMENT PROCESSES

↓

CONSTRUCTION AND O&M COSTS

↓

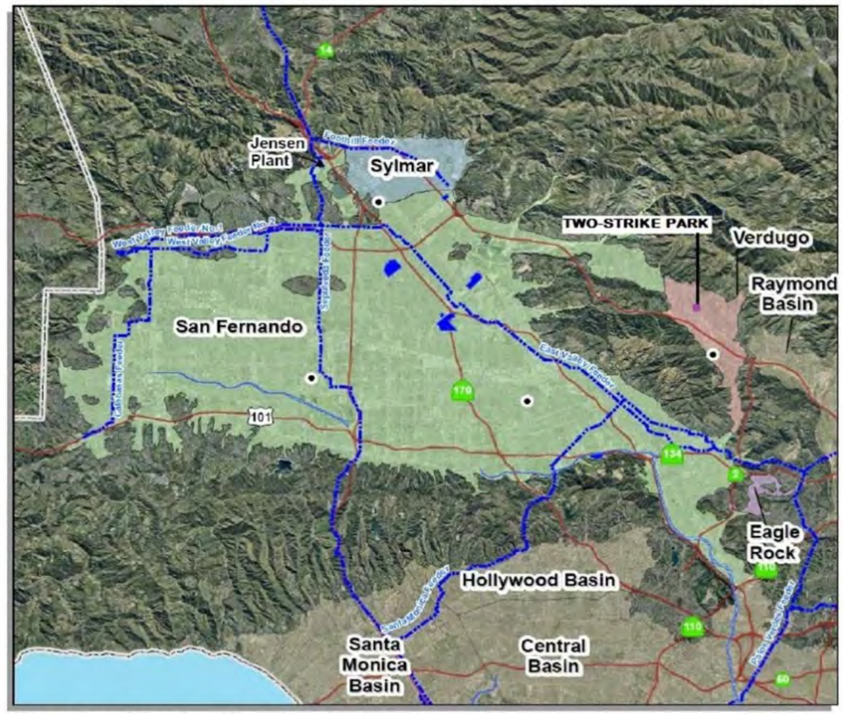
RECOMMENDATIONS AND NEXT STEPS

↓

FUNDING ALTERNATIVES

Background and Purpose

- STUDY AREA WITH WASTEWATER FLOWS AND CHARACTERISTICS
- RECYCLED WATER IRRIGATION AND GROUNDWATER RECHARGE
- RECYCLED WATER TREATMENT PLANT ASSESSMENT
- TREATMENT PROCESS



Upper Los Angeles River Area Basin

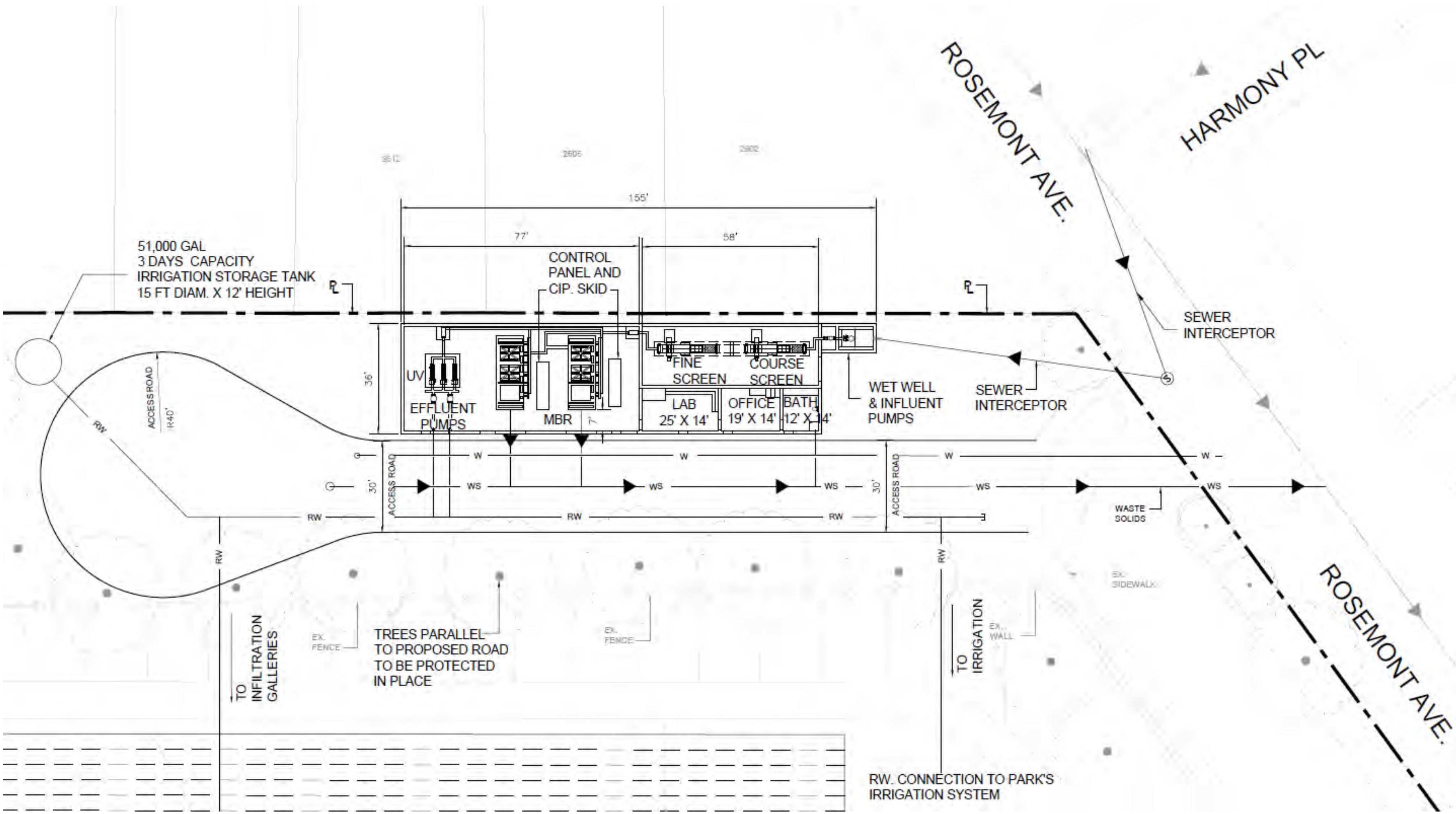
Key Well	MWD Pipeline
Recharge Basins	Freeways (TBM)
County	Adjacent Basin
Water Body	Basin (color varies by subbasin)
MWD Facility	

RECYCLING WATER ASSESSMENT

- PERMITTING REGULATORY REQUIREMENTS
- IRRIGATION AND INFILTRATION GALLERIES
- SITE, CONSTRAINTS, AREA REQUIREMENTS
- TREATMENT PROCESSES

RECYCLING WATER LOCATION

RECYCLED WATER FACILITY LAYOUT



CONSTRUCTION AND O&M COSTS

PRELIMINARY COST ESTIMATE				
CRESCENTA VALLEY WATER DISTRICT (CVWD) MBR / UV RECYCLED WATER FEASIBILITY STUDY TWO-STRIKE PARK, LA CRESCENTA, CA				
Task	**Quantity**	**Units**	**Unit Cost**	**Total**
Site Work	1	LS	28,600.00	28,600.00
Sewer Connection (Interceptor and connection)	200	LF	88.00	17,600.00
Headworks	1	LS	41,200.00	41,200.00
MBR System (including taxes)	1	LS	1,743,500.00	1,743,500.00
UV Disinfection System (including taxes)	1	LS	275,000.00	275,000.00
Concrete Works (Basin - Equipment Slabs)	1	LS	64,100.00	64,100.00
Building Structure (Treatment Plant)	1	LS	521,000.00	521,000.00
Access Road (Treatment Plant)	1	LS	61,300.00	61,300.00
Irrigation Tank - Storage	1	LS	108,000.00	108,000.00
Yard Piping	1	LS	127,800.00	127,800.00
Electrical/Instrumentation/Controls	1	LS	95,000.00	95,000.00
Infiltration Galleries	88,078	SF	3.50	308,273.00
Monitoring Well	2	EA	75,000.00	150,000.00
Irrigation Restoration	88,078	SF	2.00	176,156.00
Park Restoration	88,078	SF	2.50	220,195.00
Park Recycled Water Retrofit	1	LS	35,000.00	35,000.00
Subtotal				**3,973,000.00**
Construction Contingency			25%	993,000.00
Subtotal				**4,966,000.00**
Engineering/Legal/Admin			20%	993,000.00
Construction Management			8%	397,000.00
Soils Engineering			5%	248,000.00
Total Capital Cost				**6,604,000.00**
O&M Cost				
Annual O&M	1	$/yr	165,000.00	165,000.00
Total O&M Cost				**165,000.00**

RECOMMENDATIONS AND NEXT STEPS

- MBR / UV Treatment to produce Title 22 recycled water
- Irrigation and Groundwater Recharge
- Small Foot Print and Potential Site Expansion

- Conduct a Thorough and Detailed Study for:
- Hydro Geological Conditions
- Economic and Legal Aspects Concerning the Recharge
- Degree of Public Acceptance
- Environmental, Legal, Social, and Economic Impacts to the Stakeholders

LOCAL, STATE AND FEDERAL FUNDING

- **CVWD**: Debt / Bond Issuance – Water Rates Surcharge
- **MWD:** Local Resources Program
- **MWD:** Recycled Water Retrofit Pilot Program
- **SWRCB:** WRFP / SRF
- **SWRCB:** Proposition 1
- **DWR:** Proposition 84, 2015 Round
- **USBR:** Title XVI Programs

Crescenta Valley Water District

Design and Construction Schedule for FY 15/16

April: 6, 13, 20, 27 | May: 4, 11, 18, 25 | June: 1, 8, 15, 22, 29 | July: 6, 13, 20, 27 | August: 3, 10, 17, 24, 31 | September: 7, 14, 21, 28 | October: 5, 12, 19, 26 | November: 2, 9, 16, 23, 30 | December: 8, 15, 22, 29 | January: 4, 11, 18, 25 | February: 1, 8, 15, 22, 29 | March: 7, 14, 21, 28 | April: 4, 11, 18, 25 | May: 2, 9, 16, 23, 30 | June: 6, 13, 20, 27

Project	Project Manager	Status	Budget	Consult	Contractor	
Tech. Memo - Surge Tanks at Glenwood	DG	Design	$30,000	GEI Consult	N/A	
Rockhaven Well - Test Pumping	BY	Design	$15,000	CVWD	Pump Contractor	A C
Storm Water Recharge - Test Pit	DG	Design	$10,000	AMEC	CVWD	CVWD Crews
Rockhaven Well - Pipeline	JH	Design	$300,000	CVWD	Pipeline Contractor	A C; Shop Drawing Review
MCC upgrade at Oak Creek	DG	Under Const.	$310,000	Cannon	CA Bldg. Eval & Const	Contractor on hold until MCC arrives at site
Rockhaven Well - Equipment	DG	Under Const.	$230,000	Cannon	Varies	Shop Drawing Review & Fabrication
Ocean View Chlorination Station - Chlorination Building	BY	Under Const.	$85,000	Civiltec		A C; Shop Drawing Review
Rockhaven Well - Site	DG	Design	$450,000	Cannon	Site Contractor	A B; A C; Shop Drawing Review
Water Service Lateral Replacement (60 Laterals)	PH	Design	$30,000	DMc Eng	Pipeline Contractor	Permits; A B; A C; Shop Drawing Review
OV Chlorination Station - Purchase and Install Treatment Equipment	BY	Design	$75,000	CVWD	Vendor	R F Q; A C; Shop Drawing Review
OV Chlorination Station - Electrical and SCADA Equipment	BY	Start 5/15	$75,000	CVWD	Elec. Contractor	R F Q; A C; Shop Drawing Review
OV Chlorination Station - Work Performed by CVWD Crews	BY	Start 6/15	$50,000	CVWD	CVWD	
Replacement of Booster 32 at Glenwood	BY	Start 9/15	$25,000	CVWD	Pump Contractor	A B; A C; Shop Drawing Review
Replacement of Surge Tanks at Glenwood	BY	Start 6/15	$86,000	GEI Consult	Pipeline Contractor	A B; A C; Shop Drawing Review
Emergency Electrical Generator at Sewer Lift Station	CO	Start 8/15	$75,000	CVWD	CVWD	Permit - AQMD & LCF; A B; A C; CVWD Crews
Water & Wastewater - Cost of Service & Volume Based Rate Study	DG/RM	RFP	$125,000	Consult	N/A	Prepare Request for Proposal; R F P; A C; Data Gathering; Preliminary Report; Final Report; Review & Finalize Report
Wastewater Master Plan	DG/BY	RFP	$75,000	Consult	N/A	Prepare Request for Proposal; R F P; A C; Data Gathering; Preliminary Report; Final Report
Seismic Sensors & Valve Actuators - Duns/Pickens	CO	Start 8/15	$100,000	CVWD	AES	A B; A C; Shop Drawing Review
Well 7 - Rehabilitation	BY	Start 9/15	$60,000	CVWD	Pump Contractor	A B; A C; Shop Drawing Review
8" Pipeline - Harmony, Park Pl, & Brookhill	CO/JH	Start 7/15	$405,000	CVWD	Pipeline Contractor	A B; A C; Shop Drawing Review
Source Water Protection Plan	DG/CS	Start 7/15	$15,000	Consult	N/A	Prepare Request for Proposal; R F P; A C; Data Gathering; Preliminary Report; Final Report; Review & Finalize Report
Ordunio - Interconnection	BY	Start 8/15	$150,000	Civiltec	Pipeline Contractor	A B; A C; Shop Drawing Review
Storm Water Recharge - Final Report	DG	Start 7/15	$85,000	AMEC	N/A	Preliminary Report; Final Report
8" Pipeline - Prospect & Glenwood	CO/JH	Start 1/16	$200,000	CVWD	Pipeline Contractor	A B; A C; Shop Drawing Review
SCADA RTU Replacement - Install	MH	Start 7/15	$350,000	CVWD	SCADA Vendor	A B; A C; Phase 1 - Equipment and Programming; Phase 2 - Deployment
OV Reservoir - Overflow/Drain System - Design	DG	Start 6/15	$27,000	Civiltec	N/A	Meet with LCF; Design - Hydrology/Hydraulics for CB's; Design - New Overflow/drain pipeline; A B; A C; Shop Drawing Review
Urban Water Management Plan	CS/DG	Start 6/15	$25,000	Consult	N/A	Prepare Request for Proposal; R F P; A C; Data Gathering; Preliminary Report; Final Report; Review & Finalize Report; Approved by Board; UWMP Due to DWR
FY 16/17 Budget	DG	Start 1/16	-	CVWD	N/A	Start Budget; Prelim. Budget Review; Final Budget Review; 2 1 8; Public Notice - 45 days; 2 1 8; Approve

CRESCENTA VALLEY WATER DISTRICT
FINANCE COMMITTEE MINUTES

DATE: April 16, 2015

TO: Finance Committee Meeting Minutes

FROM: Ron Mitchell, Secretary-Treasurer

Following is a summary of the Finance Committee Meeting held at 8:30 a.m. on April 10, 2015, at the CVWD main office, and was attended by the following:

Director James Bodnar - Committee Chairperson	CVWD Board of Directors
Director Michael Claessens - Committee Member	CVWD Board of Directors
Ron Mitchell	CVWD
David Gould	CVWD
Thomas Love	CVWD

Discussion on 2015/16 Fiscal Year Water & Wastewater Budgets – Mr. Mitchell provided the Committee updated Water expenses (Table WB-4) and the Wastewater expenses (Table WWB-4) and revised the Sources of Funds for both operations (Table WB-9 & Table WWB-7 respectively) that showed the recommended changes addressed at the April 7th Board meeting. These included updates to the Wages and Benefits to reflect the salary of the new General Manager and staffing changes approved for the Utility Worker, Customer Service Clerk, Water Conservation Specialist, and IT Tech positions at the April 7th meeting. The Board also directed staff to reduce the amount of spending related to the water meter replacement program back to 1,000 meters per year. Mr. Mitchell informed the Committee that staff has included an additional $35,000 in the Wastewater CIP budget to replace a vehicle (Unit #10) that has been repurposed on two previous occasions and has reached the end of its useful life. The Committee supported the replacement of the vehicle and concurred that the changes in expenses appropriately reflected the direction given by the Board.

Discussion of Water Rates

Staff provided four options for setting the tier set points for water rates and what the cost per unit should be to cover those costs based upon an 8.2% water rate increase. The first option showed that if the set points remained intact for all 4 tiers there will be a shortfall of revenue from Single Family Residents (SFR) of $163,231. The second option showed that if we retain the range for tier 1, lower the range for tier 2 from 11-33 units to 11-26 units and lower the range for tier 3 from 27 units to 50 units, then we are basically matching the revenue requirements for SFR. The third option was to leave the set points for all 4 tiers intact and to raise tiers 1 & 2 by 8.2% and raise tier 3 by 27.5% and tier 4 by 36.8% then we are basically matching the revenue requirements for SFR. The fourth option was to reduce the tier 2, 3 & 4 set points by 25% to match the Executive Order given by Governor Brown. This moved the set points for tier 2 from 11-33 units to 11-25 units, tier 3 from 34-50 units to 26-37 units and the set point for tier 4 from 51 to 38 units. The result is that we collect $105,379 more than required from SFR but this will help offset the loss of revenue expected with the mandatory reduction in consumption. The Committee preferred this option as it is more easily explained to the public as it ties into the Governor's order for mandatory reduction in water usage.

Staff informed the Committee that these options are all still based upon 4,100 AF of production and do not include the potential loss of revenue due to the 25% reduction in water usage called for by Governor Brown.

The Committee and staff discussed various methods for calculating and implementing a drought surcharge and decided to move forward with the Proposition 218 notices as planned and will address the surcharge later with the entire Board. The Committee asked staff to prepare two Proposition 218 Notices; one based upon option 1 and a second based upon option 4 and asked that they be presented to the Board at the April 21st meeting for full discussion.

The meeting adjourned at 9:45 a.m.