

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 August 13, 2013 at 7:00 p.m.**

Posted: August 9, 2013 at 3:00 p.m.

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

Call to Order and Determination of Quorum

Pledge of Allegiance

Adoption of Agenda

Public Comments

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

Foothill Municipal Water District Report

1. Report on activities at Foothill Municipal Water District.

Consent Calendar

1. Consideration and approval of the Minutes of the Adjourned Meeting on June 18, 2013.
2. Ratification of Disbursements for July 2013.

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. **Crescenta Valley County Park Stormwater Recharge Facility Study, Project M-903** – Discussion and motion on funding request for the Local Groundwater Assistance Grant and a Request for Proposal for Consulting Services for CVWD's Crescenta Valley County Park Stormwater Recharge Facility Study.
2. **Installation of a Retaining Wall on the North Side of Ordunio Reservoir, Project C-932** – Consideration and motion to authorize the General Manager to proceed with the design and construction of a wall along the north side of the Ordunio Reservoir site for a cost estimate of \$36,000, adjust the FY 2013/14 Reservoir Maintenance account from \$58,000 to \$94,000 and to find said project exempt from the provisions of the California Environmental Quality Act (CEQA).
3. **Discussion on Rental of District Owned Properties** – Discussion and possible motion regarding rental of District owned properties to employees.

Information Items

Written Communications to District

Staff Reports

Secretary-Treasurer

1. Cash and Investments –August 13, 2013.

General Manager

1. Administrative Report.

District Engineer

1. Water Production Report –July 2013.
2. Water Production Report – August 1-11, 2013.
3. Report on Administrative and Field Operations.

Program Specialist

1. Report of Water Conservation issues.

Attorney

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

Reports of Committees

Engineering Committee

1. Report of Engineering Committee meeting held on August 2, 2013.

Finance Committee

1. Consideration of financial issues affecting the District.

Employee Relations Committee

1. Consideration of employee relations issues affecting the District.

Policy Committee

1. Consideration of policy issues affecting the District.

Community Relations/Water Conservation Committee

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

Emergency Planning Committee

1. Consideration of emergency planning issues affecting the District.

Director's Oral Reports

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

Board Members' Request for Future Agenda Items

Closed Session

- **Conference with Legal Counsel – Existing Litigation (§54956.9)(d)(1)**
 - Crescenta Valley Water District vs. Exxon Mobil et al.
- **Public Employee Performance Evaluation (§54957)**
 - General Manager.

Adjournment

CRESCENT VALLEY WATER DISTRICT
ADJOURNED REGULAR MEETING, BOARD OF DIRECTORS
July 23, 2013

Pursuant to the order of the Board of Directors of the Crescenta Valley Water District, made at the Regular Meeting of July 9, 2013, an Adjourned Regular Meeting was held on July 23, 2013, at 7:00 p.m. at the District office at 2700 Foothill Blvd., La Crescenta, California, with President James D. Bodnar presiding.

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

Directors:

James D. Bodnar
Kerry D. Erickson
Kenneth R. Putnam
Kathleen M. Ross
Judy L. Tejada (Absent)

Attorney:

Thomas S. Bunn

General Manager:

Dennis Erdman

Secretary-Treasurer:

Ron L. Mitchell

District Engineer:

David S. Gould

Others Present:

Christy Scott, Program Specialist
Wendy Holloway, Customer Accounts Supervisor
Larry Byers, Superintendent

PLEDGE OF ALLEGIANCE

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

ADOPTION OF AGENDA

It was moved by Director Putnam, seconded by Director Ross and carried by a 4-0 vote that the Agenda for the Adjourned Regular Meeting of July 23, 2013 be adopted as presented.

PUBLIC COMMENT – None

FOOTHILL MUNICIPAL WATER DISTRICT REPORT – Mr. Erdman attended the FMWD Board meeting on July 15, 2013 and discussed the staff memorandum that was in the consent calendar regarding the authorization to fill the vacant Operator II position.

CONSENT CALENDAR

It was moved by Director Ross, seconded by Director Putnam and carried by a 4-0 vote to approve the Consent Calendar which consisted of the following items:

Minutes of the Regular Board Meeting held on July 9, 2013.

Payment of demands against the Crescenta Valley Water District on or before June 30, 2013 the same having been approved by the General Manager, Dennis A. Erdman, and heretofore paid, be ratified and approved subject to audit, in the aggregate sum of Six Hundred Sixty Five Thousand Fifty Six Dollars and Eighty Eight cents. (665,056.88), which is composed of the individual items set forth herein.

ACTION CALENDAR

Emergency Planning – Director Bodnar reported that the Emergency planning committee had met just previous to the Board meeting. The discussion from that meeting included updating and distributing the District’s Emergency Response Plan to the Board for review, and also training new staff and the Board on what to expect during an emergency. The discussion also incorporated the need of a plan to disseminate water to customers during a catastrophic event. Director Erickson suggested staff working with the local Community Emergency Response Team (CERT) and with the local Sheriff Department on emergency communications and protocols during a catastrophic event. Director Putnam suggested checking into installing solar systems on top of the reservoirs and also looking into the costs of a reverse 911 system.

INFORMATION ITEMS – CV Weekly: Structure Repairs, Maintenance Issues Cited as Cause of Rate Hikes. WTOP.com: Prince George’s County water outage is like a “Natural Disaster”. FMWD: Recycled Water Demonstration Project Update.

WRITTEN COMMUNICATIONS TO DISTRICT – Mr. Erdman received a letter from the Department of Water Resources regarding the Commitment Letter for the Local Groundwater Assistance Grant.

REPORTS OF PERSONNEL

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

Investment Portfolio Summary – as of July 23, 2013:

Cash Accounts	\$380,308
Great Pacific Securities	\$23,301
Bond Debt Service Fund Acct	\$102,159
Local Agency Investment Fund	\$1,737,291
Federal Farm Credit (78)	\$482,720
Federal Farm Credit (81)	\$925,390
Federal Farm Credit (83)	\$488,665
Federal Farm Credit (86)	\$921,390
Federal Farm Credit (87)	\$486,990
US Treasury (92)	\$936,560
US Treasury (93)	\$936,560
Federal Farm Credit (94)	\$903,660
Federal Farm Credit (95)	\$558,366

Fund Balances at May 31, 2013

Water	\$6,015,451.51
Wastewater	\$3,729,560.53
MTBE Contingency Fund	\$2,818,567.00

Mr. Mitchell also reported on the FY 2012/13 Budget versus Actual and reminded the Board that the filing period for those interested in running for the Board of Directors ends on August 9th.

GENERAL MANAGER – Mr. Erdman's staff report included comments related to the FY 2012/13 year end budget versus actual summary in the Secretary-Treasurer's report. He also reported that the Sycamore house will be vacant as of July 31, 2013, and that an employee is interested in renting it. The Board would like Mr. Bunn to check into any legal issues this may cause and bring back for more discussion. Also the property west of the Sycamore house is for sale and he thinks that if CVWD purchases this property this could possibly be used for future water well or treatment facility. The Board suggested this be placed on the next agenda for more discussion. Mr. Erdman reported that there has been 56 days without a lost time accident.

DISTRICIT ENGINEER

Water Production – For the period of July 1 through July 21, 2013, water production averaged 104.4 million gallons per day, which is **2.4% less** than the daily average production of the same period in 2012. This is **2.7% less** from the daily average production of the previous five years.

Rainfall: July 1 – 23, 2013	0.05"
Season-to-date:	12.10"

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

Rainfall Update – 0.05" for July 2013. Rainfall total for 2012-13 is at 12.10".

Report on Engineering:

CIP Projects – Pipeline – 3000 & 3100 Blocks Santa Carlotta – Complete. Paving on 3100 Block of Santa Carlotta – received 5 of 20 payments. Pipeline – 3000 & 3100 Blocks of Paraiso Way – Design 90% complete. Ocean View Chlorination Project – out to Bid, Bids due September 11, 2013.

Local Groundwater Assistant Grant Application – Verdugo Basin Task Force Meeting – September 26, 2013 at 9:00 a.m. MWD – Foundational Actions Funding Program – Results by October 2013.

Glendale – No Report.

FMWD Issues – No Report.

ULARA – AC Committee Meeting – July 24, 2013

Water Meter Replacement Program: Starting FY 13/14 Water Meter Replacement Program in September 2013.

Report on Administrative and Field Operations:

Well Status – Current well capacity – Average 2.90MGD for July – down 11% for the year.

Booster Pumps – Mills – Booster “B” – 150 Hp motor failed; replace with premium efficiency motor, Pump also to be replaced. Schedule to be replaced by August 9, 2013.

Glenwood Nitrate Plant – No Report.

Water Quality – No Report.

Mills Plant – No Report.

Reservoirs/Booster Stations – No Report.

MTBE Update – MTBE levels in Wells below 1ppb.

Field Maintenance and Operations update for July 10 – 21, 2013

Water lateral leaks & repairs

- 2442 Olive
- 2439 Olive
- 4641 Ramsdell
- 4451 Ramsdell
- 3049 Markridge
- 5838 Irving

Water Main Leaks – No Report.

Fire Hydrant Replacement – No Report.

Developer Projects – No Report

Valve Replacement – No Report.

Reservoirs/Booster Stations – Replaced check valves at Well #5 and Booster 11B at Markridge.

General Maintenance – Valve Exercising Program on hold since October 2012.

SCADA/Telemetry System – No Report.

Sewer Maintenance – Sewer Cleaning – Enhanced Maintenance Areas

WATER CONSERVATION – Ms. Scott reported that at the end of the last fiscal year, the District was able to complete the retrofit of 31 toilets in a Montrose area apartment building. She also handed out a list of scheduled landscaping classes for the next six (6) months. Director Erickson requested a breakdown of the costs per person for the classes held over the last few years.

WATER QUALITY – Ms. Scott reported on the Total Coliform rule and a description of the impact of this regulation on the District. The discussion included an explanation of Coliform, Fecal and E-coli bacteria's as wells as the Heterotrophic Plate Count test. Ms. Scott also discussed upcoming projects that the Engineering Department has planned for this fiscal year that will assist the operators in maintaining more clear and consistent chlorine residual in the upper zones.

ATTORNEY – Mr. Bunn reported on two previous occasions involving conflict of interest issues in regards to past members of the Board of Directors. The first incident was several years back when staff was recommending a requirement of retrofit water saving devices on resale for homes in the District's area. Customers would be required to replace toilets that were less than 1.6 gpf prior to signing on for service. A lobbyist for the Board of Realtors came to speak against that action saying that realtors would potentially lose out on deals and thus income should sellers be required to upgrade the toilets prior to the sale of the home. As one of the Board members at the time was a licensed Realtor, Council deemed it appropriate to have that member recuse himself from voting on that item. However, when the State of California was considering a state-wide retrofit on resale requirement, the same director was not required to recuse himself when the CVWD Board was deciding to support or oppose that legislation.

The second case involved a candidate for appointment to a vacant Board seat. The candidate owned a company that supplied parts to a contractor that was frequently utilized by the District. The question was whether this indirect relationship with a District contractor met the determination of financial gain. The answer was that so long as the supplier had been working with the contractor for at least five (5) years prior to candidacy there is not a conflict of interest.

REPORTS OF COMMITTEES

Engineering Committee – Director Bodnar reported that the Committee will meet on August 2, 2013, at 8:00 a.m.

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

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

Policy Committee – Director Ross reported that the Committee will meet on September 13, 2013 at 8:00 a.m.

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

Emergency Planning Committee – Director Bodnar reported that the committee met today and was discussed during Action Item 1.

DIRECTORS ORAL REPORTS

Director Ross – No Report

Director Erickson reported he attended the CVTC meeting and they adjourned after only 1 hour and 8 minutes.

Director Bodnar reported that he sent a sympathy card to the family of former FMWD General Manager Ron Palmer on behalf of the Board of Directors.

Director Tejeda – No Report

Director Putnam – No Report

CLOSED SESSION

No reportable Action

ADJOURNMENT

There being no other business to come before the Board, at 8:58 p.m., it was moved by Director Ross, seconded by Director Bodnar that the meeting be adjourned to August 13, 2013 at 7:00 p.m.

APPROVED

James D. Bodnar
President

Ron L. Mitchell
Secretary-Treasurer

CASH DISBURSEMENTS LIST

JULY 2013



Check#	Check Date	Payable To	Description	Water	Wastewater
				Amount	Amount
Fund: 01 Water					
0	7/24	Southern California Edison Co.	Power Purchased 07/2013	29,803.08	445.59
28215	7/3	Marie Saliba	Refund Check	1,611.68	-
28216	7/3	Christy Joana Scott	Reimbursement for T-1 Testing	450.00	-
28217	7/3	William Woods	Reimbursement for Trimming Trees at Edmund I Reservoir	225.00	-
28218	7/3	Mibura, Inc.	4 computer network servers and mass storage	24,097.72	10,719.52
28219	7/9	ACWA/Joint Powers Ins. Authori	Worker's Comp for 4/1/13 to 6/30/13	24,146.00	16,098.00
28220	7/9	ACWA/JPIA	Health and Dental for 08/2013	32,135.63	21,423.74
28221	7/9	All American Landscape Co.	Landscape Maintenance Office	217.50	72.50
28222	7/9	American Backflow	Membership Renewal for Cory Whitman	56.25	18.75
28223	7/9	Ameripride Uniform Services, Inc	Uniform Rentals for 06/2013	419.88	139.96
28224	7/9	Arrowhead Mountain Spring Water	Distilled Water	47.83	-
28225	7/9	AVAYA Financial Services	Phone System Lease	380.68	126.90
28226	7/9	BC Laboratories, Inc	Water Analysis	753.00	-
28227	7/9	Burke, Williams, & Sorensen, LLP	Legal Services	790.12	263.38
28228	7/9	C. A. Rasmussen, Inc.	Flooding Meter Refund	768.96	-
28229	7/9	CA Air Resources Board - Perp Ren	Permits for Unit #29 200 KW & Unit #30 150 KW Generators	1,240.00	-
28230	7/9	CA Dept. of Public Health-OCF	Grade 1 Water Treatment Operator Certification - C. Scott	55.00	-
28231		VOIDED CHECK			
28232	7/9	California Truck Equipment Company	Truck Body for new Unit #20	54,949.08	-
28233		VOIDED CHECK			
28234	7/9	CalPers	Employee Contributions 06/2013	8,263.65	5,509.10
28235	7/9	CDW Government, Inc	Microsoft Annual Renewal 2013/2014	6,764.94	2,254.98
28236	7/9	Charter Communications	Cable,Fiber, Internet for Office, Glenwood and Mills 06/2013	3,658.67	1,219.54
28237	7/9	Choice Pest Control	Monthly Service for Glenwood	243.75	65.25
28238	7/9	Sara Chung	Refund Check	14.17	-

Check#	Check Date	Payable To	Description	Water		Wastewater	
				Amount	Amount	Amount	Amount
28239	7/9	City of Glendale Police Dept	Alarm Permit 2013 / 2014 for Mills House	193.78		64.59	
28240	7/9	Colonial Life & Accidents Ins.	Employee Paid Insurance	183.61		-	
28241	7/9	Corporate Telecomm	Security system upgrade	112.50		37.50	
28242	7/9	Do-it Center	Misc Hardware 06/2013	256.11		75.32	
28243	7/9	Downey Brand Attorneys LLP	ULARA Services through May 31, 2013	573.00		-	
28244	7/9	Daniel Dutton	Refund Check	120.15		-	
28245	7/9	Eurofins Eaton Analytical Inc.	Water Analysis	232.00		-	
28246	7/9	Falcon Car Care Corp.	Unit #12- Repair a/c & alternator	474.20		158.06	
28247	7/9	Ferguson Enterprises, Inc.	33 HET toilets for 2844 Montrose apartment retrofit	3,409.67		-	
28248	7/9	First Choice	Coffee service for Plant & Office	107.20		107.19	
28249	7/9	Steven Forester	Refund Check	30.60		-	
28250	7/9	Foothill Car Wash, Lube & Oil	Oil Change for Unit #38 & Unit #1	72.63		24.21	
28251	7/9	Gemini Group, LLC	Graphic design/certification for Water Quality Report	3,630.00		-	
28252	7/9	Great America Leasing Corp.	Kyocera Copier Systems Lease	434.91		434.91	
28253	7/9	Wendy Holloway	Mileage Reimbursement for Jan - June 2013	24.58		8.19	
28254	7/9	Hutchinson & Bloodgood	Compcon Consulting 06/2013	127.50		42.50	
28255	7/9	J. De Sigio Construction, Inc	E-911 8" Main 3000/3100 Blk Santa Carlotta	36,247.49		-	
28256	7/9	Hye Jung Kim	Refund Check	69.98		-	
28257	7/9	Stephen P. Korejwo	IT Support for 06/2013	742.50		742.50	
28258	7/9	LA Dept Water and Power	Power Purchased 06/2013	43.59		-	
28259	7/9	Lagerlof, Senecal, Gosney & Kr	Legal Services 06/2013	4,155.00		1,075.00	
28260	7/9	Lance Allen Company, Inc	Copies from Main Office Copier	836.52		836.51	
28261	7/9	Seungyeon Lee	Refund Check	46.12		-	
28262	7/9	Rachel Lim	Refund Check	29.63		-	
28263	7/9	Lock-Up Inc.	Electric gate maintenance at Glenwood	350.00		85.00	
28264	7/9	Anna Margossian	Refund check	268.65		-	
28265	7/9	McMaster-Carr Supply Co	Miscellaneous part	8.81		-	
28266	7/9	New Image Landscape & Design	Weed all well sites	1,375.00		-	
28267	7/9	Northern Safety Co., Inc	17 first aid kits; 24 multigas/vapor cartridges; 5 masks	686.90		228.96	
28268	7/9	O'Reilly Auto Parts	Misc Parts 06/2013	23.68		7.89	
28269	7/9	Office Depot - Credit Plan	Misc Office Supplies 06/2013	408.25		233.85	
28270	7/9	Orchard Supply Hardware	Misc Hardware 06/2013	334.98		233.52	
28271	7/9	Pacific Tek, Inc.	Vacuum hose for Unit #3	259.82		86.61	
28272	7/9	Plumbers Depot Inc	Unit #33 - camera parts	-		939.57	

Check#	Check Date	Payable To	Description	Water		Wastewater	
				Amount	Amount	Amount	Amount
28273	7/9	Ramco	Misc Base for 06/2013	491.56	-	-	-
28274	7/9	Sawyer Petroleum	900 gal.clear diesel	2,734.90	911.64	911.64	911.64
28275	7/9	Serge's Automotive	Unit #23 2-tires and oil change	172.48	57.50	57.50	57.50
28276	7/9	Sully-Miller Contracting Co.	6.22 tons cold patch	1,308.41	-	-	-
28277	7/9	Tetra Tech Inc.	E-911 8" Main Replacement 3000/3100 Blk Santa Carlotta	1,520.00	-	-	-
28278	7/9	The Gas Company	Gas Purchased Mills House	26.61	8.86	8.86	8.86
28279	7/9	Tri-Xecutex Corp	Updates to alarm systems & quarterly monitoring service	487.87	162.62	162.62	162.62
28280	7/9	Univar USA Inc	1915 gal. bleach	3,222.30	-	-	-
28281	7/9	Vision Service Plan Co-(CA)	Group Vision for 07/2013	291.75	97.25	97.25	97.25
28282	7/9	Waste Management - Sun Valley	Disposal Service Office	606.55	202.19	202.19	202.19
28283	7/9	Larry Byers	Dental Reimbursement	47.04	31.36	31.36	31.36
28284	7/9	David Gould	Dental Reimbursement	138.60	92.40	92.40	92.40
28285	7/9	Ron Mitchell	Health Reimbursement	336.89	224.59	224.59	224.59
28286	7/9	Christy Joana Scott	Health Reimbursement	745.71	497.14	497.14	497.14
28287	7/9	Lynne Sovich	Health Reimbursement	771.07	514.05	514.05	514.05
28288	7/17	Cesar Avila	Reimbursement for Grade 2 test.	45.00	-	-	-
28289	7/17	Lincoln Financial Group	Deposit for new Dental Insurance	1,556.15	1,037.44	1,037.44	1,037.44
28290	7/17	So Cal Water Utilities Assoc.	Water Well Technical Training for Dave S., Kellen, Morgen	90.00	-	-	-
28291	7/17	So Cal Water Utilities Assoc.	Water Well Technical Training for Pete, Joe, Larry	90.00	-	-	-
28292	7/18	ADS, LLC	Monthly Monitoring	-	1,580.00	1,580.00	1,580.00
28293	7/18	American Water Works, Inc	Nozzels for Pressure Washer for Unit 3	41.20	13.73	13.73	13.73
28294	7/18	ARC	Monthly Adjustment Bond Plots	820.51	273.50	273.50	273.50
28295	7/18	AT&T	Phone Service Mills House	264.05	88.01	88.01	88.01
28296	7/18	AW Direct, Inc	1 - 5 gal. beverage cooler & misc items for truck	72.90	24.29	24.29	24.29
28297	7/18	BC Laboratories, Inc	Water Analysis	1,830.50	-	-	-
28298	7/18	BC Laboratories, Inc	Water Analysis	1,142.50	-	-	-
28299	7/18	Brithinee Electric	E-922 Oak Creek Booster C rehabilitation	5,061.76	-	-	-
28300	7/18	CA Utility Executive Mgmt Association	Membership Renewal for Dennis Erdman & Ron Mitchell	600.00	200.00	200.00	200.00
28301	7/18	CA-NV Section AWWA	Water Education Seminar for Raymond Dodge	110.00	-	-	-
28302	7/18	California Water Service Company	Grade D4 exam review course for Dennis M - Kellen - Bryan - Jim H.	1,800.00	-	-	-
28303	7/18	Armida N. Castro	Well Site Lease - 7/1/2013 - 6/30/2014	75.00	-	-	-
28304	7/18	City of Glendale Water & Power	Power Purchased	31,716.26	12.26	12.26	12.26
28305	7/18	Esther Coronado	Well Site Lease 7/1/2013 - 6/30/2014	75.00	-	-	-

<u>Check#</u>	<u>Check Date</u>	<u>Payable To</u>	<u>Description</u>	<u>Water Amount</u>	<u>Wastewater Amount</u>
28306	7/18	Costco Wholesale Membership	Membership Renewal 2013/2014	123.75	41.25
28307	7/18	Council for Watershed Health	Stormwater Quality Compliance Class David Gould	50.00	-
28308	7/18	Dell Marketing L.P.	2 Latitude laptop computers for Inspector and Telemetry Tech	3,163.42	302.07
28309	7/18	Eurofins Eaton Analytical Inc.	Water Analysis	330.00	-
28310	7/18	Robin Goldsworthy	Turf Rebate	1,190.00	-
28311	7/18	Ironman, Inc	Unit #25 clean smog units	300.00	500.00
28312	7/18	Brianne Keith	Well Site Lease 7/1/2013 - 6/30/2014	75.00	-
28313	7/18	L.A. County Dept. Public Works	Excavation Permits	9,815.80	-
28314	7/18	Chanho Lee	Refund Check	44.91	-
28315	7/18	Lincoln Financial Group	Life and Long Term Disability 08/2013	672.96	448.64
28316	7/18	Lock-Up Inc.	Repair damaged front chain attachment at Glenwood gate	138.75	46.25
28317	7/18	Mary & Myron Beck	Turf rebate	585.00	-
28318	7/18	New Image Landscape & Design	Encinal tree work & weeding	1,100.00	-
28319	7/18	Northern Safety Co., Inc	36 - clear safety glasses and a floor mat	139.56	71.94
28320	7/18	Paper Cuts, Inc	Monthly paper shredding	3.75	1.25
28321	7/18	John Park	Refund check	26.20	-
28322	7/18	Paveco Construction Inc	List # 74G Paving Various Locations	11,448.82	-
28323	7/18	ProGroup	4 Rolls Inkjet 24 lb Bond Paper 36x150	95.75	31.92
28324	7/18	Shell	Gas Purchased 06/2013	1,806.50	602.17
28325	7/18	Mrs. Jo Ann Smith	Well Site Lease 07/1/2013 - 6/30/2014	75.00	-
28326	7/18	Tyler Smith	Wash/Clean Service Trucks	380.25	126.75
28327	7/18	Star Brite Bldg. Maintenance Inc	Janitorial Service 07/2013	618.75	206.25
28328	7/18	Talley Corp.	SCADA hardware supplies	85.31	-
28329	7/18	Lesley Tallis	Turf rebate	325.00	-
28330	7/18	The Gas Company	Gas purchased Glenwood	10.68	3.56
28331	7/18	Tri-Xecutex Corp	Alarm system check at Glenwood	116.25	38.75
28332	7/18	Underground Service Alert/SC	Underground notification 06/2013	108.00	36.00
28333	7/18	University of Southern Califor	Backflow membership renewal for Cory Whitman	295.46	98.49
28334	7/18	UPS	Shipping Charges Plant	12.90	12.89
28335	7/18	Water Wise Consulting, Inc	Water audit for 3149-51 Abella	175.00	-
28336	7/18	Wells Fargo Card Services	Erdman: Strategy book; hotel for D. Maxwell at Water Env. Fed. training course; MWDOC water policy forum dinner	409.33	6.50

<u>Check#</u>	<u>Check Date</u>	<u>Payable To</u>	<u>Description</u>	<u>Water Amount</u>	<u>Wastewater Amount</u>
28337	7/18	Wells Fargo Card Services	Gould: Tri-State seminar hotel for R. Wood; hotel for MTBE mediation; AWWA books and study materials	395.07	178.34
28338	7/18	Wells Fargo Card Services	Hass: Recurring monthly charges; computer hardware; phone hardware; training materials	428.65	142.83
28339	7/18	Wells Fargo Card Services	Mitchell: Calpelra Conf registration and annual membership renewal	754.40	251.46
28340	7/18	Wells Fargo Card Services	Scott: ACWA Regulatory Water Quality Summit registration	235.00	-
28341	7/18	Western Water Works	700' 1" plastic pipe	389.14	-
28342	7/18	Whittier Fertilizer Co	100 bags top soil	305.20	-
28343	7/19	David Gould	Dental Reimbursement	111.96	74.64
28344	7/19	Mark Hass	Dental Reimbursement	1,104.00	736.00
28345	7/23	Aqua - Metric Sales, Co.	1000 - 3/4" iPERL water meters	140,283.00	-
28346	7/23	Brithinee Electric	E-925 Repairs to the Mills B motor	12,155.40	-
28347	7/23	City of Glendale	Watermaster fees for Feb-May	7,020.22	-
28348	7/23	Foothill Municipal Water	Water Delivery 06/2013	239,455.72	-
28349	7/23	Springbrook Software	Annual Maintenance 7/1/2013 - 6/30/14	9,034.68	3,011.56
28350	7/23	Waterhammer	C-920 SCADA 1B	5,426.40	-
28351	7/26	David Gould	Reimbursement for AWWA Fall Conf Airfare	130.35	43.45
Subtotals for Water and Wastewater				\$ 756,205.81	\$ 76,820.88
Total Disbursements for July 2013				<u>\$ 833,026.69</u>	

PAYROLL REPORT

July-13

Directors	\$	990
Office Regular Payroll	\$	105,512
Office OT	\$	1,093
Plant Regular Payroll	\$	98,384
Plant OT and Standby	\$	7,098
Employer Payroll Taxes	\$	15,665
Payroll Service Charges	\$	342
Total	\$	<u>229,086</u>

CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS - STAFF REPORT

Action Item No. 1

August 13, 2013

To: Honorable President and Members of the Board of Directors

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

Subject: Discussion on funding request for the Local Groundwater Assistance Grant

ACTION ITEM:

1. **Crescenta Valley County Park Stormwater Recharge Facility Study, Project M-903** – Discussion and motion on funding request for the Local Groundwater Assistance Grant and a Request for Proposal for Consulting Services for CVWD's Crescenta Valley County Park Stormwater Recharge Facility Study.

BACKGROUND

CVWD has received a notice from the Department of Water Resources (DWR) that CVWD has received a conditional commitment of \$158,450 for the Verdugo Basin Stormwater Recharge Facility Study.

DWR's letter dated July 15, 2013 indicated that CVWD must complete the following requirements by August 16, 2013 as shown on Attachment "A" including availability of funds, revised scope of work and budget, budget information, revised project schedule, and completing the environmental information form.

DISCUSSION:

Project Funding:

The initial LGA grant request was \$250,000 and an additional \$22,500 was to be funded by CVWD to complete the original scope of work as shown in the grant application. The \$22,500 was included in the FY 13/14 Budget Expense funds for administrative consultants.

The amount that will be funded by DWR is \$158,450, which means that the scope of work would need to be reduced in order to complete the study within the limits of the DWR funding.

Staff applied for a MWD Foundational Action Funding (FAF) grant for \$92,500 to get the remaining funding needed to complete the entire project. MWD should be responding to the FAF grant request around October 2013.

However, DWR is requesting a commitment from CVWD by August 16, 2013 to confirm that CVWD has sufficient funds to cover the DWR portion of the grant and if the scope of work will change.

Staff is considering two options to respond to DWR.

Option 1 – Reduce the scope of work of the study to be within the \$158,450 award, no additional funding from CVWD, and complete only a portion of the overall project. The scope of work and budget will be revised by drilling one (1) monitoring well instead of two (2) monitoring wells as shown in Attachment "B".

Option 2 – Keep the scope of work of the study the same and include the additional funds from CVWD's Water General Fund as part of the FY 13/14 CIP program as shown on Attachment "C". If CVWD is successful with the FAF grant, then the CIP program will be reimbursed. If CVWD is not successful with the FAF grant then the additional funds can be offset by using Water Fund reserves, which includes the surplus funds from the final FY 12/13 water fund.

This item was discussed at the August 2, 2013 Engineering Committee and the Committee recommended Option 2 to fund the remaining part of the study from either the FAF Grant or the Water CIP program.

Request for Proposal

DWR has requested an updated project schedule that includes progress reports and milestones based on the revised scope of work. Attachment "D" shows an updated schedule that starts in September 2013 and completed by September 2015.

The next milestone is a Task Force meeting that is set for September 26, 2013. Staff wants to have a consultant under contract before the Task Force meeting. In order to meet the schedule, staff has prepared a request for proposal (RFP) for review and approval by the Board.

The RFP will include coordination with Los Angeles County for permits and agreements, topographic survey, design of the monitoring wells and infiltration test pits, groundwater modeling, environmental and regulatory compliance, technical memorandums, and the stormwater recharge study report as shown in Attachment "E".

RECOMMENDATION:

It is staff's recommendation to proceed with providing documentation to DWR for final approval of the LGA Grant based on Option 2 and proceed with the request for proposal for consulting services for the study.

The RFP will be due on September 11, 2013 and staff plans to award the professional services contract at the September 17, 2013 Board meeting. The consultant will start work immediately in accordance with the project schedule.

Staff will also complete the required documentation for DWR and submit it by August 16, 2013.

ENVIRONMENTAL REVIEW:

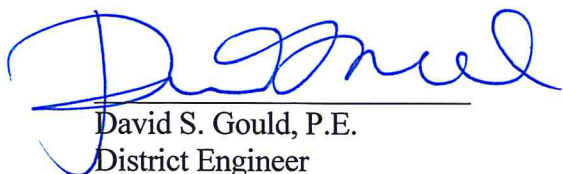
N/A

FUNDING AVAILABILITY:

Funding is available for the Study from the LGA grant. Additional funding is possible from the FAF grant or the Water CIP Fund for consulting services as shown on the cost breakdown below.

Consultant	CVWD	Construction	
\$144,400	\$48,100	\$80,000	= \$272,500

Prepared by:


David S. Gould, P.E.
District Engineer

Submitted by:


Dennis Erdman
General Manager

Attachments:

1. Attachment A – DWR's letter dated July 15, 2013 with requirements
2. Attachment B – Revised Scope of Work and Budget based on grant amount
3. Attachment C – Revised Budget based on funds from CVWD & FAF grant
4. Attachment D – Revised Project Schedule
5. Attachment E – Request for Proposal

DEPARTMENT OF WATER RESOURCES

1416 NINTH STREET, P.O. BOX 942836
SACRAMENTO, CA 94236-0001
(916) 653-5791

RECEIVED



JUL 15 2013

JUL 17 2013

Mr. Dennis Erdman
General Manager
Crescenta Valley Water District
2700 Foothill Boulevard
La Crescenta, California 91214

CRESCENTA VALLEY
WATER DISTRICT

Subject: Commitment Letter – Local Groundwater Assistance Grant

Dear Mr. Erdman:

Thank you for your interest in the Local Groundwater Assistance Grant Program. We are pleased to inform you that the Verdugo Basin Stormwater Recharge Facility Study filed by Crescenta Valley Water District has been selected by the Department of Water Resources (DWR) for possible funding.

This letter serves as DWR's conditional commitment of \$158,450.00 in Proposition 84, Chapter 2 funding for the grant proposal. This award is conditioned upon the execution of a Grant Agreement between DWR and the grantee and contingent upon the availability of funds. A copy of the Grant Agreement template is available at the following website: <http://www.water.ca.gov/lgrant/>.

The requirements that must be satisfied before DWR will enter into an agreement with your agency are listed in Attachment 1. Your timely attention to this matter is very important. DWR wishes to execute the Grant Agreement within the next few months. Failure on your part to meet the grant execution requirements, in a timely manner, may result in DWR revoking the grant award.

Please return the requested information by **August 16, 2013**, to your Project Manager, Evon Willhoff, at:

Department of Water Resources
901 P Street, Room 213A
Sacramento, California 95814
Attention: Evon Willhoff

If you have any questions, please contact Evon Willhoff at: (916) 651-9286 or Evon.Willhoff@water.ca.gov

Sincerely,

A handwritten signature in black ink, appearing to read 'Tracie L. Billington'.

Tracie L. Billington, P.E., Chief
Financial Assistance Branch
Division of Integrated Regional Water Management

Attachment 1

Grant Agreement Execution Requirements and Related Information

The following requirements must be satisfied before DWR will enter into an agreement with your agency:

- Submit a letter documenting the grantee has available sources of sufficient funds to start and maintain progress on the grant while DWR processes reimbursement requests.
- Submit detailed information including:
 - The revised scope of work and budget that reflects any changes to the project since the grant application was submitted, or changes due to the reduction in award amount.
 - The budget needs to be formatted into a line item budget. Exhibit A explains line item budgets and the format that should be followed. Do not add new categories. Categories not used, should be deleted. The switch to line item budgets is being made to increase efficiency of managing these grants.
 - A schedule that contains progress report and deliverable milestones and incorporates any changes that have occurred since the application.
- The completed Environmental Information Form.

Exhibit A Line Item Budget

This exhibit is an example of how to construct a line item budget. Funding Match consists of non-State funds including in-kind services. Costs incurred on or after the date of grant award, **June 25, 2013**, shall be eligible for grant reimbursement.

LINE ITEM BUDGET

			PROP 84	MATCH	TOTAL ¹
Personnel Services (These individuals must be employed by the Grantee. If CEQA, QAPP, etc. docs or construction services are done by Grantee's employee, costs are incurred in the hours/total.)			\$	\$	\$
Classification Hours	Hours	Wage/Hour			
Principal Engineer	XX	\$XX.XX			
Senior Planner					
Operating Expenses (Prorated for Project) All Grantee expenses directly associated with the Project. Examples: Document Reproduction, Office Supplies, Office Expenses, Travel, Permit Fees, Lab Equipment. NOTE: If an item is described as "Equipment," it must be followed by "(less than \$,5000)"			\$	\$	\$
Equipment (\$5,000 or more per item) Itemize each piece of equipment over \$5,000. Examples: Automatic Sampler, QPCR Monitoring Equipment, etc.			\$	\$	\$
Professional and Consultant Services List type of services contracted out. Examples: Pre-Design Geotechnical Services, Site Survey, Design Plans and Specifications, Monitoring, Lab Services, Permit Fees, Lab Work, QAPP and Monitoring Plan Preparation, Report Preparation, Sanitary Sewer Surveys, CEQA/NEPA, etc.			\$	\$	\$
Construction (Contracted Services)			\$	\$	\$
TOTAL			\$	\$	\$

¹ If there is no match, delete both the "Match" column and the "Total" column.

ENVIRONMENTAL INFORMATION FORM

Grantees are responsible for complying with all applicable laws and regulations for their projects, including the California Environmental Quality Act (CEQA). Work that is subject to the CEQA shall not proceed under the IRWM Planning Grant Agreement until documents that satisfy the CEQA process are received by the Department of Water Resources (DWR) and DWR has completed its CEQA compliance review. Work that is subject to a CEQA shall not proceed until and unless approved by DWR. Such approval is fully discretionary and shall constitute a condition precedent to any work for which it is required. Once CEQA documentation has been completed, DWR will consider the environmental documents and decide whether to continue to fund the project or to require changes, alterations or other mitigation. **This form is to be completed by the Grantee or Lead Agency.**

Grantee organization: _____
Project Manager: _____
Project Title: _____
Phone Number: _____
Address: _____

1. List the source of any other grants or funds received from the Department of Water Resources to implement a portion of this project. If none, please respond NA.

2. Is this a project as defined by CEQA? Explain. If no, skip to no.9 below. If yes proceed to no.3.

3. Is this project exempt from CEQA compliance? Yes _____ No _____
If no, skip to no.4, below.

If yes, check the appropriate response below; provide reasons for exemption in the space provided below; and then skip to no.9, below. Cite the CEQA Article, Section and Title of the CEQA exemption, if appropriate (statutory exemptions: http://ceres.ca.gov/topic/env_law/ceqa/guidelines/art18.html , categorical exemptions: http://ceres.ca.gov/topic/env_law/ceqa/guidelines/art19.html);

_____Lead Agency has already filed a Notice of Exemption (NOE) with the State Clearinghouse and/or County Clerk. (Attach copy of the NOE and, if applicable, a copy of the governing Board Resolution accepting the NOE)

_____Lead Agency will file a NOE with the State Clearinghouse and/or County Clerk. Provide estimated date: _____

_____Lead Agency will NOT file a NOE with the State Clearinghouse and/or County Clerk. *If Lead Agency chooses not to file a NOE, sufficient documentation and information must be submitted to the Project Manager, along with this form, to allow DWR to make its own CEQA findings.*

Reasons for Exemption:

4. If the project will require CEQA compliance, identify the Lead Agency.

CEQA Lead Agency: _____

5. Please check types of CEQA documents to be prepared:

- _____ Initial Study
_____ Negative Declaration / Mitigated Negative Declaration
_____ Environmental Impact Report

6. Please describe the status of the CEQA documents, expected date of completion, and estimated cost, if requesting DWR funds relating to CEQA compliance:

Status: _____

Date of Completion: _____

Estimated Costs: _____

7. If the CEQA document has been completed, please provide the title of the document and the State Clearinghouse number if available. Submit one hard copy and a CD copy of the CEQA document and any environmental permits listed in Question 8 to the contact listed in the Commitment letter.

8. Please list all environmental permits you must obtain to complete the project. (attach additional pages as necessary). Submit a hard copy and a CD copy of any permits already completed.

Type of Permit	Permitting Agency

9. This Environmental Information Form was completed by:

Print or Type Name: _____

Agency: _____

Phone Number: _____

Signature: _____ Date: _____

Please return the completed form to Evon Willhoff at (916) 651-9286 or
Evon.Willhoff@water.ca.gov

DWR Use Only.

_____ DWR received environmental documents.

_____ DWR made findings.

Task No.	Attachment B Revised - Scope of Work (With 1 monitoring well)	Non-State		
		Share (funding match)	Requested Grant Funding	Total
1	Gauging and verification of surface water flows and water quality in the Verdugo Wash	\$ 1,500	\$ 41,000	\$ 42,500
1.1	Coordination & Agreement with LACDPW	\$ 1,500	\$ -	\$ 1,500
1.2	Installation & Calibrating Channel Gauge	\$ -	\$ 15,000	\$ 15,000
1.3	Water Quality Sampling & Analysis	\$ -	\$ 20,000	\$ 20,000
1.4	Compiling Data	\$ -	\$ 4,000	\$ 4,000
1.5	Stormwater Flow and Quality TM	\$ -	\$ 2,000	\$ 2,000
2	Drilling and installing monitoring wells and water level monitoring	\$ 4,000	\$ 47,000	\$ 51,000
2.1	Coordination & Agreement with LACDPW	\$ 1,500	\$ -	\$ 1,500
2.2	Preliminary Design & Location	\$ -	\$ 2,000	\$ 2,000
2.3	Design Plans & Specifications	\$ -	\$ 5,000	\$ 5,000
2.4	Construction - 2 wells	\$ -	\$ 22,500	\$ 22,500
2.5	Contract Administration	\$ 2,500	\$ -	\$ 2,500
2.6	Field work	\$ -	\$ 5,000	\$ 5,000
2.7	Water Quality Sampling & Analysis	\$ -	\$ 5,000	\$ 5,000
2.8	Analysis of Data	\$ -	\$ 3,500	\$ 3,500
2.9	Monitoring Well TM	\$ -	\$ 4,000	\$ 4,000
3	Perform Infiltration Tests	\$ 4,000	\$ 22,750	\$ 26,750
3.1	Coordination & Agreement with LACDPW	\$ 1,500	\$ -	\$ 1,500
3.2	Preliminary Design & Location	\$ -	\$ -	\$ -
3.3	Design Plans & Specifications	\$ -	\$ 3,000	\$ 3,000
3.4	Construction	\$ -	\$ 10,000	\$ 10,000
3.5	Contract Administration	\$ 2,500	\$ -	\$ 2,500
3.6	Field work	\$ -	\$ 1,750	\$ 1,750
3.7	Analysis of Data	\$ -	\$ 3,000	\$ 3,000
3.8	Infiltration Test TM	\$ -	\$ 5,000	\$ 5,000
4	Topographic Survey	\$ 1,500	\$ 4,000	\$ 5,500
4.1	Coordination & Agreement with LACDPW	\$ 1,500	\$ -	\$ 1,500
4.2	Preliminary Site Investigation	\$ -	\$ -	\$ -
4.3	Aerial Topographic Survey	\$ -	\$ -	\$ -
4.4	Field Survey	\$ -	\$ 3,500	\$ 3,500
4.5	Identify & catalog trees	\$ -	\$ -	\$ -
4.6	Topographic Survey TM	\$ -	\$ 500	\$ 500
5	Groundwater Modeling	\$ -	\$ 10,000	\$ 10,000
5.1	Input updated geologic & groundwater data	\$ -	\$ 2,500	\$ 2,500
5.2	Updated groundwater model	\$ -	\$ 5,000	\$ 5,000
5.3	Groundwater Modeling TM	\$ -	\$ 2,500	\$ 2,500
6	Environmental and regulatory compliance and permit review	\$ 1,500	\$ 12,700	\$ 14,200
6.1	CEQA - Environmental Checklist	\$ -	\$ 2,500	\$ 2,500
6.2	CEQA - Mitigated Negative Declaration	\$ -	\$ 5,000	\$ 5,000
6.3	RWQCB - NPDES Permit	\$ -	\$ 1,000	\$ 1,000
6.4	Los Angeles County, Department of Public Health Permit	\$ -	\$ 1,200	\$ 1,200
6.5	City of Glendale, Department of Public Works Permit	\$ -	\$ 1,000	\$ 1,000
6.6	California Department of Fish & Game	\$ -	\$ 500	\$ 500
6.7	Additional Compliance/Permitting	\$ 1,500	\$ 1,500	\$ 3,000
7	Development of Stormwater Recharge Study	\$ 4,000	\$ 19,000	\$ 23,000
7.1	50% Preliminary Stormwater Recharge Study report	\$ -	\$ 5,000	\$ 5,000
7.2	100% Draft Stormwater Recharge Study report	\$ -	\$ 12,000	\$ 12,000
7.3	Comments from DWR & other Stakeholders	\$ -	\$ 2,000	\$ 2,000
7.4	Final Stormwater Recharge Study report	\$ 4,000	\$ -	\$ 4,000
8	Task Force Group	\$ -	\$ 2,000	\$ 2,000
8.1	Coordination of Task Force Group	\$ -	\$ 1,000	\$ 1,000
8.2	Task Force Meeting	\$ -	\$ 1,000	\$ 1,000
9	Administration	\$ 6,000	\$ -	\$ 6,000
9.1	Quarterly Reports	\$ 3,000	\$ -	\$ 3,000
9.2	Final Report	\$ 3,000	\$ -	\$ 3,000
	Grand Total	\$ 22,500	\$ 158,450	\$ 180,950

Task No.	Attachment C Scope of Work with CVWD funding	Non-State Share (funding match)	Requested Grant Funding	Total
1	Gauging and verification of surface water flows and water quality in the Verdugo Wash	\$ 23,750	\$ 23,750	\$ 47,500
1.1	Coordination & Agreement with LACDPW	\$ 1,500	\$ -	\$ 1,500
1.2	Installation & Calibrating Channel Gauge	\$ 15,000	\$ -	\$ 15,000
1.3	Water Quality Sampling & Analysis	\$ -	\$ 20,000	\$ 20,000
1.4	Compiling Data	\$ 2,250	\$ 1,750	\$ 4,000
1.5	Stormwater Flow and Quality TM	\$ 5,000	\$ 2,000	\$ 7,000
2	Drilling and installing monitoring wells and water level monitoring	\$ 45,550	\$ 45,550	\$ 91,100
2.1	Coordination & Agreement with LACDPW	\$ 950	\$ 550	\$ 1,500
2.2	Preliminary Design & Location	\$ 4,000	\$ -	\$ 4,000
2.3	Design Plans & Specifications	\$ 5,000	\$ -	\$ 5,000
2.4	Construction - 2 wells	\$ -	\$ 45,000	\$ 45,000
2.5	Contract Administration	\$ 2,500	\$ -	\$ 2,500
2.6	Field work	\$ 7,500	\$ -	\$ 7,500
2.7	Water Quality Sampling & Analysis	\$ 9,600	\$ -	\$ 9,600
2.8	Analysis of Data	\$ 8,000	\$ -	\$ 8,000
2.9	Monitoring Well TM	\$ 8,000	\$ -	\$ 8,000
3	Perform Infiltration Tests	\$ 22,750	\$ 22,750	\$ 45,500
3.1	Coordination & Agreement with LACDPW	\$ 1,500	\$ -	\$ 1,500
3.2	Preliminary Design & Location	\$ 4,000	\$ -	\$ 4,000
3.3	Design Plans & Specifications	\$ -	\$ 3,000	\$ 3,000
3.4	Construction	\$ 10,000	\$ 10,000	\$ 20,000
3.5	Contract Administration	\$ 2,500	\$ -	\$ 2,500
3.6	Field work	\$ 2,750	\$ 1,750	\$ 4,500
3.7	Analysis of Data	\$ 1,000	\$ 3,000	\$ 4,000
3.8	Infiltration Test TM	\$ 1,000	\$ 5,000	\$ 6,000
4	Topographic Survey	\$ 10,250	\$ 10,250	\$ 20,500
4.1	Coordination & Agreement with LACDPW	\$ 750	\$ 750	\$ 1,500
4.2	Preliminary Site Investigation	\$ 750	\$ 750	\$ 1,500
4.3	Aerial Topographic Survey	\$ 3,500	\$ 3,500	\$ 7,000
4.4	Field Survey	\$ 3,500	\$ 3,500	\$ 7,000
4.5	Identify & catalog trees	\$ 1,250	\$ 1,250	\$ 2,500
4.6	Topographic Survey TM	\$ 500	\$ 500	\$ 1,000
5	Groundwater Modeling	\$ -	\$ 10,000	\$ 10,000
5.1	Input updated geologic & groundwater data	\$ -	\$ 2,500	\$ 2,500
5.2	Updated groundwater model	\$ -	\$ 5,000	\$ 5,000
5.3	Groundwater Modeling TM	\$ -	\$ 2,500	\$ 2,500
6	Environmental and regulatory compliance and permit review	\$ 2,750	\$ 16,150	\$ 18,900
6.1	CEQA - Environmental Checklist	\$ -	\$ 4,200	\$ 4,200
6.2	CEQA - Mitigated Negative Declaration	\$ -	\$ 6,300	\$ 6,300
6.3	RWQCB - NPDES Permit	\$ 2,750	\$ 1,450	\$ 4,200
6.4	Los Angeles County, Department of Public Health Permit	\$ -	\$ 1,200	\$ 1,200
6.5	City of Glendale, Department of Public Works Permit	\$ -	\$ 1,000	\$ 1,000
6.6	California Department of Fish & Game	\$ -	\$ 500	\$ 500
6.7	Additional Compliance/Permitting	\$ -	\$ 1,500	\$ 1,500
7	Development of Stormwater Recharge Study	\$ 9,000	\$ 19,000	\$ 28,000
7.1	50% Preliminary Stormwater Recharge Study report	\$ 1,000	\$ 5,000	\$ 6,000
7.2	100% Draft Stormwater Recharge Study report	\$ 3,000	\$ 12,000	\$ 15,000
7.3	Comments from DWR & other Stakeholders	\$ 1,000	\$ 2,000	\$ 3,000
7.4	Final Stormwater Recharge Study report	\$ 4,000	\$ -	\$ 4,000
8	Task Force Group	\$ -	\$ 5,000	\$ 5,000
8.1	Coordination of Task Force Group	\$ -	\$ 2,600	\$ 2,600
8.2	Task Force Meeting	\$ -	\$ 2,400	\$ 2,400
9	Administration	\$ -	\$ 6,000	\$ 6,000
9.1	Quarterly Reports	\$ -	\$ 3,000	\$ 3,000
9.2	Final Report	\$ -	\$ 3,000	\$ 3,000
	Grand Total	\$ 114,050	\$ 158,450	\$ 272,500

REQUEST FOR PROPOSAL

PROFESSIONAL CONSULTING SERVICES

FOR THE CRESCENTA VALLEY COUNTY PARK STORMWATER RECHARGE FACILITY STUDY PROJECT M-903

PROPOSAL DUE DATE: September 11, 2013

BACKGROUND

The Local Groundwater Assistance (LGA) grant program was established in 2000 by AB303 and reinstated under Proposition 84 and is administrated by the Department of Water Resources (DWR) to provide a maximum of \$250,000 in grants for the improvement of groundwater management in the State of California.

Crescenta Valley Water District (CVWD or District) has received three (3) grants from the LGA Program in FY 01/02, FY 02/03, and FY 04/05 for a total of \$685,000. The studies included the installation of new monitoring wells, creation of a groundwater model, and performing a geophysical study of the Verdugo Basin. The goals of these studies were to obtain data and information to enhance the District's ability to utilize local groundwater resources.

The study titled "Verdugo Basin Groundwater Storage and Conjunctive Use Feasibility Study" which was completed in 2004 recommended a project to install storm water infiltration galleries at Crescenta Valley County Park such that local storm water could be used as a method to recharge the basin. The study showed a possibility of 350 ac-ft/year of storm water could be put back into the Verdugo Basin.

It is one of the District's long-term goals to utilize storm water as a method of recharging the Verdugo Basin and increasing the amount of water available from a local resource. In this era of drought and reduced water supply from MWD, this issue has become more critical to CVWD to meet its customer water demands.

In July, 2012, CVWD submitted a grant application to DWR for a LGA grant titled "Crescenta Valley County Park Stormwater Recharge Facility Study" (Study) for \$250,000. The LGA grant will be used to provide additional field and geological investigation and data gathering at Crescenta Valley County Park. The information provided by this grant could be used to determine the best possible location(s) for the new infiltration galleries, how many galleries would be needed, and the amount of storm water that could be recharged into the basin.

CVWD's proposal received a score of 38 out 40 points and was ranked as a project that was to receive funding. However, DWR did not have enough money allocated to award funding to all the projects state-wide that were eligible. In June 2013, DWR decided to award \$158,400 for projects that scored a 38, such as CVWD's study.

To offset the reduction in grant funding from DWR, CVWD partnered with Foothill Municipal Water District (FMWD) on Metropolitan Water District of Southern California's (MWD) "Foundational Actions Funding" (FAF) grant for an additional \$92,500. The purpose of MWD's grant is to help address regional funding needs for actions that reduce barriers to future water resource production. The grant application was submitted in July 2013 and MWD will probably award the grants in October 2013.

SCOPE OF WORK:

The District is completing the funding agreement with DWR within the next month and the Study has to be completed within two (2) years. CVWD wants to get started on selecting a consultant and to begin the preliminary work by the end of September 2013. Attached is a project schedule that will be submitted to DWR for approval.

The District needs the assistance of a consultant on planning, design, and construction of various tasks as outlined in the grant application including:

- Interaction and coordination with Los Angeles County Dept. of Public Works, Los Angeles County Parks & Recreation Department, City of Glendale, ULARA Watermaster, and other parties regarding design and construction considerations
- Topographic survey of a portion of CV County Park within the Study area including identifying and cataloging the trees on the property
- Gauging and verification of surface water flows and water quality in the Verdugo Wash
- Drilling and installing monitoring well(s) to assess soil conditions and water levels
- Percolation tests to evaluate soil infiltration capacity
- Groundwater modeling simulations to evaluate groundwater mounding beneath CV County Park and at CVWD groundwater wells
- Perform environmental and regulatory compliance and obtaining permits
- Coordination of the Task Force Group to evaluate and oversee the data and conclusions of the study

PROPOSAL REQUIREMENTS:

The consultant is encouraged to prepare a proposal with a maximum of twenty (20) pages plus individual resumes and reference projects. The proposal shall include a scope, fee breakdown, and schedule, as follows:

PROJECT TASKS:

Task 1A: Gauging & Verifying surface water flows & water quality in Verdugo Wash

The consultant will be responsible for the following tasks:

1. Coordination with Los Angeles County Department of Public Works (LACDPW) for an Agreement between CVWD and LACDPW for installing, monitoring, and maintaining the surface flow gauge. This includes setting meetings, outlining the agreement, and coordination between CVWD & LACDPW. CVWD will be responsible for working with legal counsels on the draft and final agreements.
2. Determine best possible location of the surface flow gauge within the Verdugo Wash and at least three (3) alternative sites.
3. Recommend type of surface flow gauge equipment and monitoring equipment. CVWD will purchase the equipment.
4. Coordination with LACDPW for permit to install the surface flow gauge. CVWD will sign the final permit and provide all insurance requirements. CVWD will be responsible for installation and calibration of surface flow gauge equipment.
5. Monitor surface flow gauge either through monthly readings or telemetry readings.
6. Prepare Preliminary Stormwater Flow Technical Memorandum including analyzing the amount of flow available in the Verdugo Wash during the Study period.
7. Prepare Final Stormwater Flow Technical Memorandum including comments from the Task Force to be included in the final report.

Task 1B: Water quality in Verdugo Wash

The consultant will be responsible for the following tasks:

1. Coordination with Los Angeles County Department of Public Works (LACDPW) for an Agreement between CVWD and LACDPW to enter the Verdugo Wash to take water quality samples. This includes setting meetings, outlining the agreement, and coordination between CVWD & LACDPW. CVWD will be responsible for working with legal counsels on the draft and final agreements.

2. Prepare a list of water quality constituents that need to be tested in accordance with California Department of Public Health (CDPH) and Regional Water Quality Control Board (RWQCB) for requirements for groundwater recharge.
3. CVWD will perform the water sampling and be responsible for sending water samples to a certified laboratory for analysis.
4. Prepare a summary of water sample results for each sampling event.
5. Prepare Preliminary Stormwater Quality Technical Memorandum including analyzing the amount of flow available in the Verdugo Wash during the Study period.
6. Prepare Final Stormwater Quality Technical Memorandum including comments from the Task Force to be included in the final report

Task 2: Drilling and installing monitoring wells and water level monitoring

The consultant will be responsible for the following tasks:

1. Coordination with Los Angeles County Department of Parks & Recreation (LACDPR) for an Agreement between CVWD and LACDPR for installation, monitoring, and maintaining two (2) groundwater monitoring wells. This includes setting meetings, outline the agreement and coordination between CVWD & LACDPR. CVWD will be responsible for working with legal counsels on the draft and final agreements.
2. Prepare a preliminary design memorandum for the location of the monitoring wells, method of drilling and preliminary design of the monitoring well.
3. Prepare design plans, construction specifications and cost estimate for the monitoring wells;
 - a. CVWD will provide the general provisions for specification
 - b. Consultant will provide technical specifications
 - c. CVWD will print and distribute the contract documents
 - d. Consultant will provide one set of contract documents in electronic format
4. Consultant will review shop drawings and CVWD will provide contract administration.
5. Consultant will provide field inspection and well monitoring services during the construction of the two (2) monitoring wells.
6. CVWD will perform the water sampling and be responsible for sending water samples to a certified laboratory for analysis.
7. Prepare a summary of water sample results for each sampling event.
8. Prepare Preliminary Monitoring Well Technical Memorandum including analyzing the data from the monitoring well during the Study period.
9. Prepare Final Monitoring Well Technical Memorandum including comments from the Task Force to be included in the final report.

Task 3: Perform Infiltration Tests

The consultant will be responsible for the following tasks:

1. Coordination with Los Angeles County Department of Parks & Recreation (LACDPR) for an Agreement between CVWD and LACDPR to install percolation test sites. This includes setting meetings, outlining the agreement, and coordination between CVWD & LACDPR. CVWD will be responsible for working with legal counsels on the draft and final agreements.
2. Prepare a preliminary design memorandum for the location of percolation test site(s), method of excavation and preliminary design of the percolation test site.
3. Prepare design plans, construction specifications and cost estimate for percolation test sites;
 - a. CVWD will provide the general provisions for specification
 - b. Consultant will provide technical specifications
 - c. CVWD will print and distribute the contract documents
 - d. Consultant will provide one set of contract documents in electronic format
4. Consultant will review shop drawings and CVWD will provide contract administration.

5. Consultant will provide field inspection services during the construction of the percolation test sites.
6. Prepare Preliminary Monitoring Well Technical Memorandum including testing and evaluating the recharge capacity of soils through percolation testing data.
7. Prepare Final Monitoring Well Technical Memorandum including comments from the Task Force to be included in the final report.

Task 4: Topographic Survey

The consultant will be responsible for the following tasks:

1. Coordination with Los Angeles County Department of Parks & Recreation (LACDPR) or Los Angeles County Department of Public Works (LACDPW) for a permit to perform a topographic survey of the project site area. Consultant or CVWD will sign the final permit and provide all insurance requirements depending on permit requirements.
2. Provide an aerial topographic survey of the site showing the boundary, contours, and appurtenances. Topographic survey should be tied to the State Coordinate System.
3. Provide field topographic survey of the two (2) monitoring well sites and percolation test sites including trees and other appurtenances.
4. Provide construction staking for the two (2) monitoring well sites and percolation test sites.
5. Provide survey for the location of the monitoring wells and tie location with existing topographic survey.
6. Provide survey of the vertical elevation of the top of casing and finish ground elevation of the monitoring wells.
7. CVWD will coordinate the identifying and cataloging of the trees on the property.
8. Prepare Preliminary Topographic Survey Memorandum including aerial topographic survey, field survey, and catalog of the trees.
9. Prepare Final Monitoring Well Technical Memorandum including comments from the Task Force to be included in the final report.

Task 5: Groundwater Modeling

The Verdugo Basin Groundwater Model was created and updated by AMEC (formally Geomatrix) as part of a previous LGA grant. The consultant will provide the data obtained from the monitoring wells and percolation test sites to AMEC.

Under a separate contract, AMEC will update the groundwater model and provide recommendations that will be included in the Groundwater Modeling Technical Memorandum.

Consultant will coordinate with AMEC on the Groundwater Modeling Technical Memorandum and the final report including recommendations on locations of infiltration galleries.

Task 6: Environmental and regulatory compliance and permit review

The consultant will be responsible for the following tasks:

1. Prepare a California Environmental Quality Act (CEQA) Environmental Analysis/Initial Study and Mitigated Negative Declaration for the monitoring wells. CVWD will be the lead agency and will coordinate the distribution of the Environmental Analysis/Initial Study and Mitigated Negative Declaration to the State Clearing House, the notification to property owners within 500 feet of the project and resolutions and acceptance of the findings from CVWD's Board of Directors.
2. Prepare and submit a National Pollutant Discharge Elimination System (NPDES) Permit with the Regional Water Quality Control Board – Los Angeles Region (LARWQCB) for discharge of the water from the monitoring wells. CVWD will sign all appropriate documents as owner of the project.

3. Prepare and submit a Los Angeles County, Department of Public Health Permit for drilling the monitoring wells. CVWD will sign all appropriate documents as owner of the project.
4. Prepare and submit a City of Glendale, Department of Public Works Permit if necessary for any work in the public right-of-way. CVWD will sign all appropriate documents as owner of the project.
5. Prepare and submit to California Department of Fish & Game any permits required for drilling the monitoring wells. CVWD will sign all appropriate documents as owner of the project.
6. Prepare a list of additional compliance and permitting requirements for the study for review and discussion with CVWD.

Task 7: Development of Stormwater Recharge Study

The consultant will be responsible for the following tasks:

1. Prepare a 50% Preliminary Stormwater Recharge Study report that includes the elements described above for review and comments from the Task Force.
2. Prepare a 100% Preliminary Stormwater Recharge Study report that includes the elements described and incorporate any comments from the Task Force for review and comments.
3. Prepare a Final Stormwater Recharge Study report to be submitted to DWR.

Task 8: Task Force Group

The consultant will be responsible for the following tasks:

1. Attendance at the Task Force Meetings
2. Provide meeting agenda and meeting notes for each Task Force Meeting
3. Coordination of Task Force Meetings with CVWD and LACDPR.

Task 9: Administration

CVWD will prepare and submit the quarterly reports and the final reports as required by DWR.

BUDGET AND FEE SCHEDULE:

CVWD has a limited budgeted to complete the study as shown on the cost breakdown below.

Consultant	CVWD	Construction	
\$144,400	\$48,100	\$80,000	= \$272,500

The proposal shall include a "Fee Schedule" itemizing hourly rates and other direct costs. The proposal shall provide a task-level itemization of estimated fees and the hours by team member.

ADDITIONAL INFORMATION

1. Consultant's Representative

The proposal shall name a responsible representative and alternate, and shall define the individuals of the project team. The chosen consultant's representative shall be responsible for all duties through project completion.

2. Professional Service Agreement

The selected consultant shall be responsible for completing the specified services in accordance with the District's standard "Professional Services Agreement," which will be prepared by the District. Services specified in this agreement shall be taken directly from the consultant's accepted proposal and from this "Request for Proposal" as applicable. A copy of the District's standard "Professional Services Agreement" is attached.

3. Insurance Requirements

The District will require employer's liability, comprehensive commercial liability insurance, and errors and omissions insurance coverage for at least \$1,000,000 and comprehensive automobile liability for at least \$1,000,000. Also, the District shall be named as additional insured on the policy and such insurance policy shall not be terminated or canceled without thirty (30) days prior written notice to the District.

4. District Reimbursements

The District normally reimburses consultants for the actual cost for other direct expenses, excluding the use of computers, office equipment, hardware, or software materials.

5. District's Responsibilities

The District will provide the selected consultant with reports, studies, plans, drawings, existing data, and other technical information, as available from CVWD that is pertinent to proposed study.

PROPOSAL DUE DATE

Please submit the proposal via e-mail by 12:00 pm on September 11, 2013 to dgould@cvwd.com. Send an original proposal to the attention of Mr. David S. Gould, District Engineer at Crescenta Valley Water District, 2700 Foothill Boulevard, La Crescenta CA 91214. If you have any questions or comments, contact Mr. Gould at (818) 236-4119.

CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS - STAFF REPORT

To: Honorable President and Members of the Board of Directors
From: David S. Gould, P.E. – District Engineer
Subject: Discussion on Wall on the North Side of Ordunio Reservoir Site

Action Item No. 2
August 13, 2013

ACTION ITEM:

1. Installation of a Retaining Wall on the North Side of Ordunio Reservoir, Project C-932 – Consideration and motion to authorize the General Manager to proceed with the design and construction of a wall along the north side of the Ordunio Reservoir site for a cost estimate of \$36,000, adjust the FY 13/14 Reservoir Maintenance account from \$58,000 to \$94,000 and to find said project exempt from the provisions of the California Environmental Quality Act (CEQA).

BACKGROUND

CVWD's Ordunio Reservoir is located at the northwest corner of Honolulu Avenue and Lowell Avenue. Mr. Bob Oliphant, the resident north of the reservoir has requested that a wall with a fence be built along the north side of the property. In 1997, a row of eucalyptus trees ran along the north property line and Mr. Oliphant requested that they be removed because he could not get homeowners insurance since it was a fire hazard with the trees so close to his house. The District obliged by cutting down the trees, but left the stumps. About 10 years ago, the resident again requested that the stumps be removed since it was unsightly and a nesting area for rodents. Again the District obliged by removing the stumps but left a 3 -4 foot high gap in elevation between the two properties.

It was the District's intention to construct a retaining wall with a fence between the properties, however, with the reduction in reservoir maintenance funds over the past few years; this project was put on hold.

DISCUSSION:

Mr. Oliphant has been contacting the District over the last 6 months requesting that a retaining wall be put in and that the fence be replaced. Mr. Oliphant met with Mr. Erdman and indicated that the District agreed to install the wall after the trees were removed.



North Property Line – Looking West



North Property Line – Looking East

As shown in the pictures below, the fence is not in good condition and does not provide proper security for the site. The elevation difference between the properties has been poorly repaired over the years and should be corrected before it encroaches into the north property.



The property line is 292 feet long and will need at least a 3 to 4 foot high retaining wall and footing with a 6 foot high chain link fence installed on top of the wall. Other issues needing to be addressed are:

- Storm water on the north property currently drains into CVWD's site. A concrete gutter would have to be installed on the north side of the property to direct water away from CVWD's site and into the street.
- The Ordunio Reservoir site is located within the City of Glendale and the City of Los Angeles; therefore two building permits are required to build the retaining wall.
- Construction plans will have to be prepared for submittal for the permit and installation of the retaining wall and fencing. Seismic structural calculation will also be required.
- Construction staking will be needed to confirm the property line and proper installation of the wall.
- Construction will probably have to be done by a private contractor since CVWD's crews are involved in replacement of water services as part of the water meter replacement program.

A preliminary cost estimate for the project is \$36,000 as shown below

Ordunio Reservoir - North side Retaining Wall			
Item	LF	\$/LF	Cost
Retaining Wall with Footing	295	\$30	\$8,850
6' high Chain-link Fence	295	\$20	\$5,900
Concrete Ribbon Gutter	295	\$10	\$2,950
Misc			\$2,300
Subtotal			\$20,000
Contingency	20%		\$4,000
Permits			\$2,500
Design	30%		\$6,000
Construction Staking	13%		\$2,500
Soils Testing	5%		\$1,000
Total			\$36,000

RECOMMENDATION:

It is staff's recommendation to proceed with this project as the existing condition is not favorable with respect to site security and possible encroachment into the neighbor's property.

This item was discussed at the August 2, 2013 Engineering Committee. Staff pointed out that reservoir site maintenance has been deferred for a few years and this situation should be addressed sooner than later. However, the expense budget for reservoir maintenance is \$58,000. With this project, the funds for other reservoir maintenance projects including cleaning reservoirs, upgrading the seismic sensor valves, valve maintenance, and other general repairs to the 17 reservoir sites will be reduced to \$22,000.

The Engineering Committee suggested to staff to make contact with Mr. Oliphant about cost sharing for either the wall and/or the fence. The Engineering Committee also recommended moving forward with the Ordunio Reservoir project.

Staff requested to adjust the expense budget for reservoir maintenance from \$58,000 to \$94,000 to cover the cost of the project. Engineering Committee recommended requesting the budget increase at the next Board meeting.

Staff has included the Request for Proposal (RFP) that will be sent out to selected consultants for the design of the wall. Staff will prepare specifications, submit request for permits to Glendale and Los Angeles and provide contract administration. A proposed schedule is to complete the design with a consultant and permit approval by early December 2013 and to complete construction by the beginning of February 2014.

ENVIRONMENTAL REVIEW:

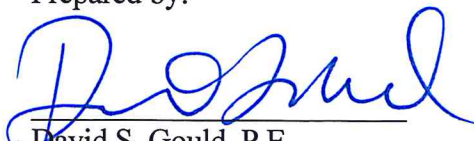
This project is exempt from the California Environmental Quality Act (CEQA) pursuant to Section 15301 of the CEQA Guidelines. This exemption covers the repair of existing facilities involving negligible or no expansion of existing use.

FUNDING AVAILABILITY:

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

Account Description	Amount
FY 13/14 Water Expense - Reservoir Maintenance	\$58,000
Requested Adjustment - Reservoir Maintenance	\$36,000
Revised Total - Reservoir Maintenance	\$94,000
Cost Estimate for Retaining Wall at Ordunio Reservoir	<\$36,000>
Amount Remaining in Water Expense - Reservoir Maintenance	\$58,000

Prepared by:


David S. Gould, P.E.
District Engineer

Submitted by:


Dennis Erdman
General Manager

Attachments:

1. Ordunio Reservoir Site Map
2. Pictures of the north side property line

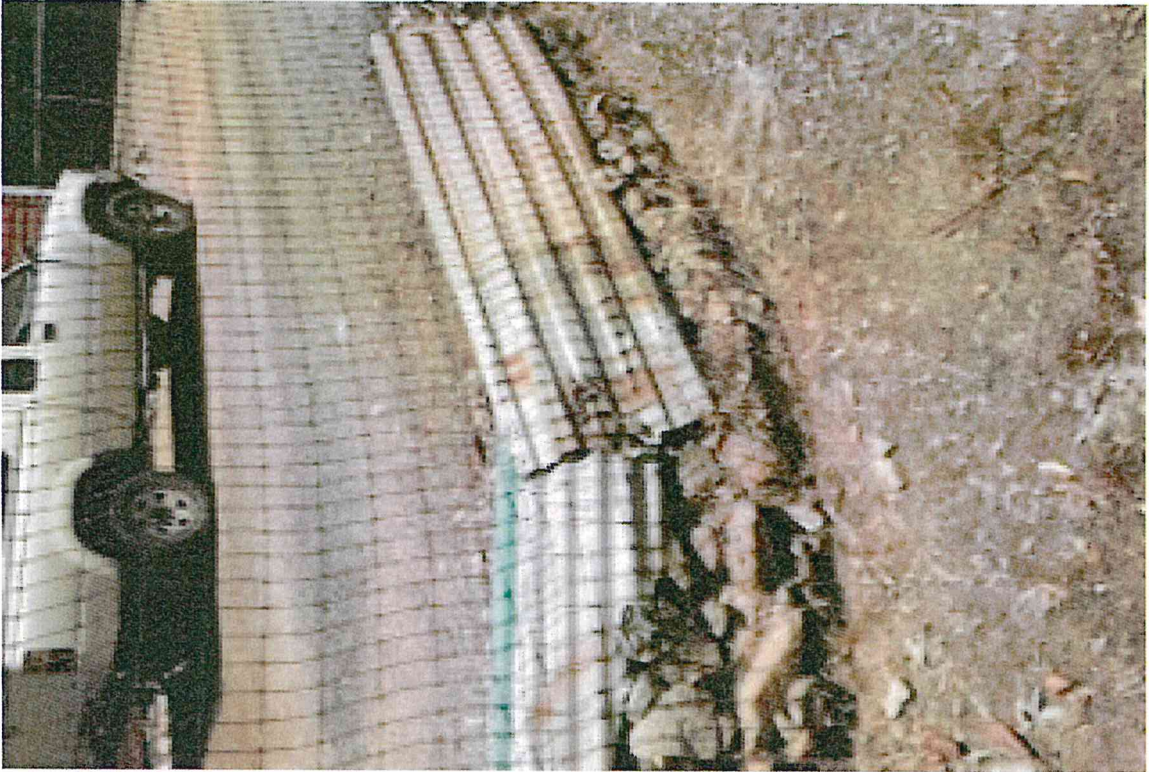
















CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS - STAFF REPORT

Agenda Item No. 3

August 13, 2013

To: Honorable President and Members of the Board of Directors
From: Dennis A. Erdman P.E. – General Manager
Subject: Rental of District Owned Properties

AGENDA ITEM

Discussion on Rental of District Owned Properties – Discussion and possible motion regarding rental of District owned properties to employees.

BACKGROUND:

At the July 23rd Board meeting, Mr. Erdman informed the Board that a District employee has submitted an application to rent the District owned property at 2857 Sycamore Ave. that will become vacant on July 31, 2013. This employee wrote a letter to the Board (copy enclosed) stating her reasons for wanting to rent the property. Mr. Erdman said that when he was General Manager at the Mammoth Water District they had units that employees rented so they were close to the plant in case of emergencies. President Bodnar also said the Metropolitan Water District rents district owned properties to their employees.

The Board briefly discussed the issue and asked legal counsel to research the matter to see if there are any legal reasons that the Board should be aware of regarding renting to an employee and bring this issue back to the Board. Mr. Bunn will provide a confidential report to the Board.

Staff feels that this employee would be a good tenant as they have had a very good work history, would make improvements to the landscaping to make it more of a demonstration of drought tolerant planting, and would be another set of eyes on the plant on weekends and in the evenings.

RECOMMENDATION:

Staff is recommending that the Board approve the rental of the District owned property at 2857 Sycamore Ave. to an employee based upon the reasons mentioned above.

Prepared and submitted by:



Dennis A. Erdman, P.E.
General Manager

July 22, 2013

To: CVWD Board of Directors

RE: Sycamore House Rental

Dear Board Of Directors:

I wanted to take a few moments to explain to all of you, why I would very much like to be considered as a tenant for the Sycamore House.

Despite owning my own home in the Sylmar area, it has been a goal for the last year to move closer to my sister and to my parents. My sister is in recovery for breast cancer and my dad is having more heart issues. I am in the process of selling my home and need to relocate in the La Crescenta area. I can rent as soon as the house is available.

I want to assure all of you that I am a responsible home owner, and have been and will be a responsible and reasonable tenant.

I hope that you will consider me for this rental. I have been searching for the past year and the Sycamore house is the perfect location and ideally suited for my needs. Having this wonderful home to rent would be such a blessing.

Thank you for your consideration.

A handwritten signature in cursive script, reading "Natalie Bellissimo".

Natalie Bellissimo

News Release



Foothill Municipal Water District
4536 Hampton Road
La Canada Flintridge, CA
(818) 790-4036
Contact: Karen Oblak
Administrative Manager

FOR IMMEDIATE RELEASE

July 26, 2013

Emergency Standby Generator Replacement

Foothill Municipal Water District is replacing its emergency standby generators at its pumping stations on Rosemont Avenue in Pasadena and Berkshire Avenue in La Canada. This approximately \$1.6 million project will have construction starting in October 2013 and ending in March 2014. Construction will include trenching, concrete work, removing old equipment and installing new equipment. The project may necessitate lane closures to traffic intermittently during construction.

FMWD provides imported water to the City of La Canada Flintridge and the unincorporated areas of Altadena and La Crescenta. Its connection to its imported water source is near the Rose Bowl on Rosemont Avenue. To move the water to its service area, a pumping station is located at 1630 Rosemont Avenue. A significant amount of electricity is used to pump the water from the pumping station to its service area. For fiscal year 2012-2013, about 2,500 megawatts was used at that station to meet the potable water needs of approximately 86,000 customers. A second pumping station is located at 540 Berkshire Avenue in La Canada to lift the water to higher elevations. For fiscal year 2012-2013, about 2,000 megawatts was used at that station.

As part of its mission, FMWD strives for reliability. Part of that reliability requires that these pumping stations be operational seven days a week, 24 hours a day. Should a power outage occur, that reliability is compromised. Thus, the District is replacing and upsizing the current emergency standby generators to handle power outages caused by

emergencies such as the wind event that took place in 2011, earthquakes and other unforeseen events.

More information regarding the District can be found on its website at www.fmwd.com.

--END--

lacanadaonline.com/news/tn-vsl-me-foothill-utility-floats-water-recycling-idea-20130801,0,1239190.story

LA Canada

INFO ITEM

Foothill utility floats water recycling idea

Project would disperse treated waste water under LCHF football field.

By Sara Cardine

3:43 PM PDT, August 1, 2013

Supplying water to thousands of homes and buildings in a semi-arid climate threaded by dwindling river systems is no small task.

Foothill residents currently get less than half their water from local groundwater basins and canyon runoff. The remaining 60% is imported from faraway sources such as the Sacramento/San Joaquin Bay/Delta Watershed and the Colorado River, and supply is at the mercy of drought conditions and regulations occurring hundreds of miles away.

Now local officials with the Foothill Municipal Water District have a plan to create more locally sourced water. Working in collaboration with graduate students and advisers at Cal Poly Pomona, they've designed a way to divert and treat some of the city's wastewater and return it directly to a local groundwater store. If the plan is approved, the discharge location for the treated water could be right under the La Cañada High School football field.

"The project goal is to develop a sustainable local water resource in the community," said John Robinson, an engineering consultant working with the local water district to oversee the project, which could be completed by October 2016.

This project is unique and innovative, Robinson said, because it's locally sustainable, saves energy and provides different types of usable water. It is expected to produce an additional 318 acre feet of water to the local supply, or about 103.6 million gallons.

Reducing the area's reliance on imported water also saves the district an energy equivalent of about 85 homes per year, Robinson added. Associated with that is an additional, but hard to calculate, carbon footprint decrease.

The cost of constructing a membrane bioreactor facility to clean the water and laying pipeline to discharge it is roughly \$2.9 million. To that end, Foothill Municipal has applied for grants to cover nearly two-thirds of the total cost. The rest would have to come from capital improvement project funds, according to Robinson.

The water district worked with several diverse entities on the design. It worked on the design with three departments at Cal Poly Pomona, negotiated the transfer of wastewater through the Sanitation Districts of Los

advertisement



Angeles Country, and sought input from La Cañada Methodist Church and La Cañada High School, which own land being eyed for the project.

LCHS Principal Ian McFeat and La Cañada Unified School District officials were approached last year and asked their opinion on the installation of a filtration gallery — a long network of drip pipes — underneath the high school's football field.

"It's an interesting idea," McFeat said Monday. "I think that's why the district's listening and looking at what their options are. It's really the public's say."

Artificial turf on the field now is about a decade old. As part of the project, the school would receive a brand new field, to be installed during a future summer break when it's not in use, Robinson said.

"It's had a lot of use on it," McFeat acknowledged. "It's been well-worn."

Meredith McKenzie, a lecturer at the Cal Poly Pomona's urban and regional planning department, was at the forefront of the project's collaboration. She believes the partnership helped create a template that could be used in other communities.

"[Foothill Municipal] had the technical study done. We brought out design and planning resources to the table so they now had a prototype," McKenzie said. "We think the prototype that's been done, with modifications, has a lot of exciting possibilities for other groups."

Her team created a curriculum that would allow the project to be used as a tool for classroom discussions around wider themes of environmental stewardship and conservation.

"This project, for me, is just part of the bigger puzzle," she said. "It's just another component of how we keep our natural water resources functioning."

Foothill Municipal will hold public hearings at city council and school board meetings in September to gather public input before presenting the project to its board of directors.

For more information, call (818) 790-4036 or visit www.fmwd.com/project-description.aspx.

ALSO:

[Grant helps Descanso Gardens go native](#)

[La Cañada History: Youth House offered swimming for locals](#)

[Q&A: La Cañada City Manager Mark Alexander](#)

Missed well tests land Torrance in hot water with California health agency

By Nick Green, Staff Writer Daily Breeze

Posted:

DailyBreeze.com

INFO ITEM

The state Department of Public Health has sanctioned Torrance twice within the past year for a subcontractor's failure to perform required testing for chemical pollutants in water coming from a new well in McMaster Park.

City officials stressed no volatile organic chemicals -- a group of compounds that include gasoline, solvents and paints -- have been found in the water before or after the missed tests, which were scheduled in 2011 and November 2012.

However, the state required the city to notify more than 5,000 north Torrance customers receiving water from the well -- which are generally in an area bounded by Hawthorne Boulevard to the west, Redondo Beach Boulevard to the north, Western Avenue to the east and 190th Street to the south -- that officials "cannot be sure of the quality of our drinking water during that time."

The state issued a notice of violation in August 2012 for failure to complete four consecutive quarters of monitoring in 2011 and required the city to conduct four additional tests by September 2013. But the subcontractor missed one of those tests, too, yet failed to inform the city until February, said Jack van der Linden, deputy public works director.

That earned the city a more serious citation issued by the state in April.

The city fired the subcontractor, which is no longer in business, van der Linden said.

nick.green@dailybreeze.com

Judge: Tiered water rates violate law

INFO ITEM

SAN JUAN CAPISTRANO – San Juan Capistrano's tiered water-rate system is illegal, a judge ruled Wednesday.

The city must abandon the system, approved three years ago by the City Council, and restructure the rates so they comply with the state Constitution, an order issued in Santa Ana by Orange County Superior Court Judge Gregory Munoz said.

City spokeswoman Cathy Salcedo issued a statement saying city officials "are very disappointed and are reviewing the decision with our attorneys."

"Given how proud the city is of our conservation-rates program, and how important such rates are for all Californians, we will consider how to respond to this decision in a way that serves our water customers and residents, the city and all who care about a well-managed water supply for California," the statement said.

The Capistrano Taxpayers Association sued the city in August 2012, alleging the rate system was illegal because it violates Proposition 218, a initiative approved by voters in 1996 that requires government fees be set in accordance to cost.

Cities across California use tiered water-rate structures that charge residents higher rates as their water use increases to try to deter people from using water. San Juan Capistrano has used such a system since 1991, but the City Council increased rates in 2010 based on what the Capistrano Taxpayers Association said were arbitrary reasons.

Munoz agreed, saying he found no evidence to support the rates. He ordered the city to pay the taxpayer association's legal fees.

Munoz heard arguments July 29 from the group's lawyer, Benjamin Benumof, and Michael Colantuono, a Los Angeles-based attorney representing the city.

"This court finds that city failed to carry its burden of establishing credible evidence that the rate increases were proportional to the costs of providing water services to its customers," Munoz wrote. "City refers to the administrative record as providing the proof on which the new rates were based, but the court could not find any specific financial cost data ... to support the substantial rate increase."

Munoz also ruled the city violates the Constitution by charging ratepayers for recycled water "that they do not actually use and that is not immediately available to them."

Colantuono learned of the ruling late Wednesday and had no immediate comment.

San Juan Capistrano resident Jim Reardon, who filed the lawsuit with fellow association member John Perry, said he was pleased with the ruling.

"Being in the water business is really a business to provide a service. It's not a business to do social engineering," said Reardon, a member of the Capistrano Unified School board of trustees. "What the city of San Juan Capistrano has tried to do is, through its water-rate structure, change the behavior of people in the town regarding their utility services and to pick winners and losers."

The lawsuit also alleged the city violated the law by increasing rates to pay for a bond that was never issued, but Munoz said the city didn't violate the law because the money went to water supply infrastructure and service.

San Juan Capistrano's illegal water rates

City of San Juan Capistrano - Water and Sewer Rate Codes

Rates & Allocations Effective as of 07/01/13

USAGE								
CODE	CUSTOMER TYPE	Base Rate	TIER I	TIER II	TIER III	ALLOCATION TYPE (Alloc. in ccf)		
WCA	REGULAR LOT	\$3.18	\$4.24	\$6.37	\$11.67	Indoor @ [6+3] + Standard Outdoor (3,636 Sq Ft)		
WCB	LARGE LOT	\$3.18	\$4.24	\$6.37	\$11.67	Indoor @ [6+3] (x # Units) + Outdoor by SQ FT		
WCC	MASTER METERED RESIDENTAL	\$3.96	\$5.27	\$7.92	\$14.51	Indoor @ [4+2] (x # units) + Outdoor by SQ FT		
WCD	MULTI WITH Own Irrigation	\$3.52	\$4.69	\$7.04	\$12.91	Indoor @ [6+3] (x # Units)+ Standard Outdoor		
WCE	MULTI W/O Irr -Regular	\$3.52	\$4.69	\$7.04	\$12.91	Indoor only @ [6+3] (x # Units)		
WCN	MULTI W/O Irr- High Density	\$3.52	\$4.69	\$7.04	\$12.91	Indoor only @ [8+4] (x # Units)		
WCF	LANDSCAPE	N/A	\$3.65	\$5.48	\$10.03	Outdoor only by SQ FT		
WCG	AG	\$2.81	\$3.74	\$5.61	\$10.29	Indoor @ [6+3] (# Units) + Outdoor by SQ FT		
WCH	COMMERCIAL	\$3.07	\$4.09	\$6.14	\$11.24	Indoor only @ 6 (x # Units)		
WCI	CONSTRUCTION	\$6.37	\$6.37	\$6.37	\$6.37	No Allocations - All at Tier II		
WCJ	NON-POTABLE	\$2.68	\$3.57	\$5.36	\$9.83	Outdoor only; by SQ FT		
WCK	NO CHARGE - USE	\$0.00	N/A	N/A	N/A			
WCL	FIRELINES	\$6.37	\$6.37	\$6.37	\$6.37	No Allocations - All at Tier I		
WCM	CITY FARM (AG rate, one tier)	\$3.09	\$4.13	\$6.19	\$11.35	No Allocations - All at Tier I		
WCO	RECYCLED	\$2.68	\$3.57	\$5.36	\$9.83	Outdoor only; by SQ FT		
SERVICE CHARGE RATE CODES per month								
CODE	SERVICE SIZE	CHARGE	Per Space (i.e. \$3.3286 [\$3.33] / day) No charge, i.e. Compound meter					
WSA	5/8"	\$19.66						
WSB	1"	\$29.50						
WSC	1.5"	\$44.24						
WSD	2"	\$61.87						
WSE	3"	\$104.22						
WSF	4"	\$164.19						
WSG	6"	\$314.62						
WSH	8"	\$496.50						
WSI	MISC. FLAT RATE USE	\$49.36						
WSJ	MOBILE HOMES	\$1.97						
WSK	TEMP SERVICE - JUMPER	\$19.66						
WSL	FIRELINE	\$88.49						
WSS	CONSTRUCTION	\$104.22						
WST	NO CHARGE- SERV.	\$0.00						
WSU	RECYCLED	\$19.66						
SEWER RATE CODES per month &/or per ccf								
CODE	CUSTOMER TYPE	CHARGE	PER UNIT (if multi units) PER UNIT (if multi units) * Monthly water use plus \$7.88					
SCA	NO SJC SEWER	\$0.00						
SCB	Not used							
SCC	RESIDENTIAL	\$29.16						
SCD	MULTI-RESIDENTIAL	\$18.09						
SCE	COMMERCIAL	BY USE*						
SCF	POOL-SMALL	\$22.47					0-30 ccf	\$1.23
SCG	POOL-LARGE	\$51.84					31-100 ccf	\$1.47
SCQ	MOBILE HOMES	\$15.55					101 & > ccf	\$1.73

20th Annual Water Conference

Information Item

Tuesday, September 10 – Wednesday, September 11, 2013

Southern California Edison's **Energy Education Center – Irwindale**

SCE is proud to sponsor the 20th Annual Water Conference. Please join us as we focus on educating water and wastewater agencies on how to save energy, money and the environment.

TUESDAY, SEPTEMBER 10

20th Annual Water Conference General Session

8:00 a.m. – 9:00 a.m. Registration, Continental Breakfast & Networking

9:00 a.m. – Noon General Session

Noon – 1:00 p.m. Hosted Lunch

Join us for a frank and relevant discussion of California's current water situation and an update on efforts underway to advance energy, water, and state policy initiatives.

For more information, or to register, call or visit us online:



626.812.7537 or
800.336.2822



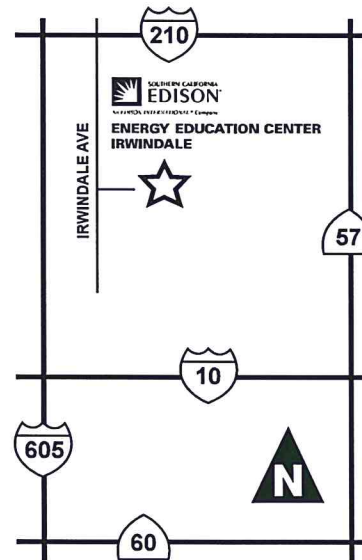
www.sce.com/workshops

All Things Renewable *Updated for 2013*

Instructor: Jeff Lidskin

1:00 p.m. – 2:30 p.m.

Do you know all the latest about renewable self-generation, how legislation changes affect renewables, or how to sell renewable generation to SCE? This class will discuss the self-generation programs, including the California Solar Initiative, the Self-Generation Incentive, and the rebates and incentives that go along with the programs. Other topics will include power purchase agreement opportunities for renewable energy, RES-BCT, Combined Heat and Power projects, and an overview of the interconnection process.





WEDNESDAY, SEPTEMBER 11 – SESSION I

Managing Energy in Water & Wastewater Systems NEW

Instructor: Ned Paschke

8:30 a.m. – 4:30 p.m. with lunch

Course attendees will receive a certificate documenting 0.7 CEU, or 7 PDH, from the University of Wisconsin-Madison Department of Engineering Professional Development

This course includes useful principles, practical advice, case studies, and current trends for managing energy and improving energy efficiencies within water and wastewater treatment and conveyance systems.

Target audience:

- Wastewater and water engineers, managers and staff
- Directors of water-related organizations
- Consulting engineers and designers
- Plant managers and superintendents
- Others who want to learn more about improving energy efficiencies energy utilization in water and wastewater facilities and systems

What You Can Do About the Water-Energy-Carbon Connection NEW

Instructor: Gary Klein

8:30 a.m. – 11:30 a.m. with lunch

3.0 Contact Hours. California Department of Public Health

In 2005, California began a serious look at the water-energy-greenhouse gas relationship in the state. Saving water saves energy. Saving energy saves water, both where there are cooling towers on buildings and at thermal power plants that use water for cooling. You save more in Southern California than in Northern California because of the energy attached to imported water. Saving water used outdoors is good (pumping, treatment and delivery), saving water used indoors is better (no waste removal, treatment and discharge) and saving hot water is still better (no energy to heat the water too). This session will present information on both sides of the connection: energy for water and water for energy and show how to account for the relationship at a local level. Participants in this session will:

- Learn about the magnitude and variability of the water-energy-carbon footprint connection in California. Extend the discussion to the Western States.
- Identify synergies in this connection that make it a prime candidate for joint programs among water and energy agencies.
- Understand why emphasizing improvements in hot water use efficiency provides the most benefits, both to the individual and to society, and learn what steps to take.
- Discuss programs and policies that simultaneously improve the efficiency of water and energy use and reduce our carbon footprint.

Pump Testing & Improving Your Pumping Plant Efficiency

Instructor: Bill O'Neil

8:30 a.m. – 11:30 a.m. with lunch

3.0 Contact Hours, California Department of Public Health

As a water management professional, do you want to know more about pump efficiency and managing the associated energy costs? Come to this workshop aimed at the water manager, engineer, and/or technician responsible for managing energy costs, identifying energy saving projects, and validating system performance. Discussions will cover practical issues and choices available regarding efficient pumping systems, and effective management practices that ensure pumping efficiency, as well as understanding pump efficiency results.

Time-Of-Use Is Coming NEW

Instructor: Judy Zimmerman

9:30 a.m. – 11:30 a.m. with lunch

Energy costs impact your business, so the more you know about how the new Time-of-Use rates work, the more control you will have on your costs. As part of a statewide initiative, beginning 2014, all non-residential accounts will transition to a Time-Of-Use rate plan. This course is designed to explain rate structure, rate options, cost saving techniques, and how you can integrate Time-of-Use into your business energy plan.

Getting the Most From Your Electric Motor & VFD

Instructor: Wallace Brithinee

9:30 a.m. – 11:30 a.m. with lunch

2.0 Contact Hours, California Department of Public Health

Get a glimpse of what the future holds in motor designs, protective devices, and tests. Water professionals are encouraged to take advantage of this opportunity to learn from leaders in the electric motor industry the value of making correct decisions when specifying motors. Attendees will be given a view into current energy legislation and how those rules will affect their choices and strategies in operating water plants. Learn how motors and VFDs work; which mechanical, electrical, and efficiency characteristics affect decisions regarding good applications and proper replacements; and the effects of electronics on the life of an electric motor.

All Things Renewable *Updated for 2013*

Instructor: Jeff Lidskin

10:00 a.m. – 11:30 a.m. with lunch

Do you know all the latest about renewable self-generation, how legislation changes affect renewables, or how to sell renewable generation to SCE? This class will discuss the self-generation programs, including the California Solar Initiative, the Self-Generation Incentive, and the rebates and incentives that go along with the programs. Other topics will include power purchase agreement opportunities for renewable energy, RES-BCT, Combined Heat and Power projects, and an overview of the interconnection process.



WEDNESDAY, SEPTEMBER 11 – SESSION II

Getting the Most From Your Electric Motor & VFD

Instructor: Wallace Brithinee

12:30 p.m. – 2:30 p.m.

2.0 Contact Hours, California Department of Public Health

Get a glimpse of what the future holds in motor designs, protective devices, and tests. Water professionals are encouraged to take advantage of this opportunity to learn from leaders in the electric motor industry the value of making correct decisions when specifying motors. Attendees will be given a view into current energy legislation and how those rules will affect their choices and strategies in operating water plants. Learn how motors and VFDs work; which mechanical, electrical, and efficiency characteristics affect decisions regarding good applications and proper replacements; and the effects of electronics on the life of an electric motor.

What You Can Do About the Water-Energy-Carbon Connection

Instructor: Gary Klein

12:30 p.m. – 3:30 p.m.

3.0 Contact Hours, California Department of Public Health

In 2005, California began a serious look at the water-energy-greenhouse gas relationship in the state. Saving water saves energy. Saving energy saves water, both where there are cooling towers on buildings and at thermal power plants that use water for cooling. You save more in Southern California than in Northern California because of the energy attached to imported water. Saving water used outdoors is good (pumping, treatment and delivery), saving water used indoors is better (no waste removal, treatment and discharge) and saving hot water is still better (no energy to heat the water too). This session will present information on both sides of the connection: energy for water and water for energy and show how to account for the relationship at a local level.

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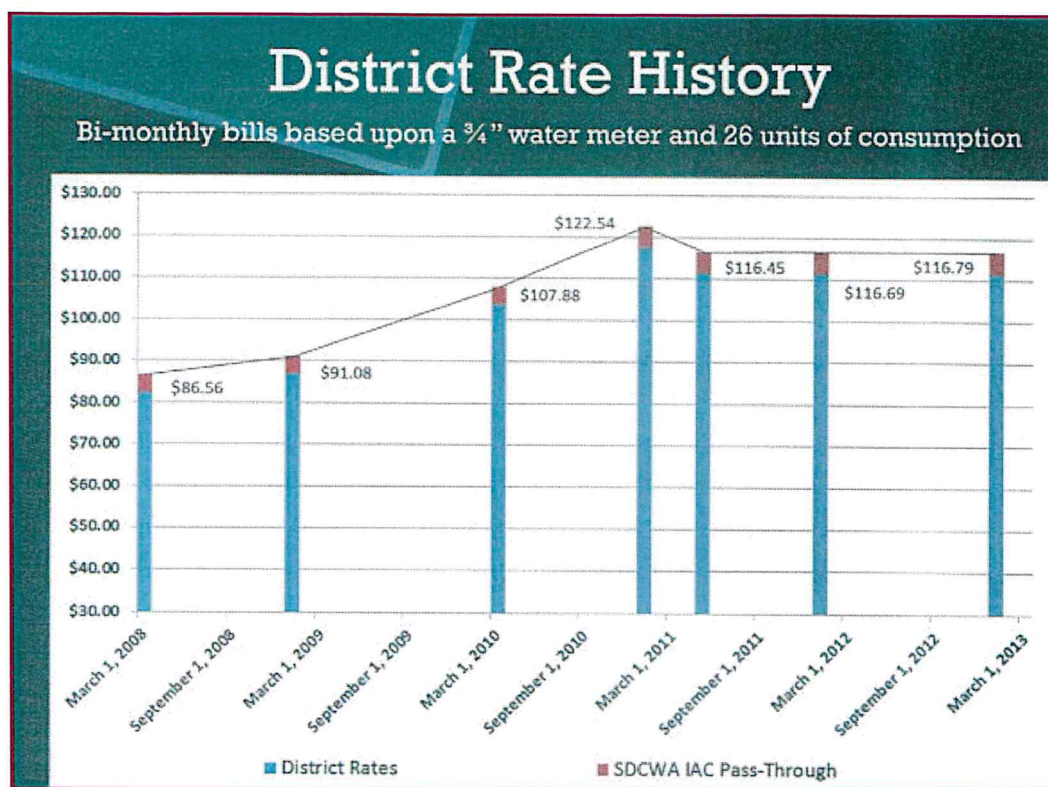
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info item



A graph shows that bi-monthly water bills have jumped for the average San Dieguito Water District customer over the past five years. The listed rates include a county water fee, noted in red, added on top of the district's water fee. Image courtesy of San Dieguito Water District

ENCINITAS — Residents who live in the San Dieguito Water District (SDWD) could see their bills go up as much as 16.6 percent in 13 months.

The Encinitas City Council will hold a final vote on a double rate hike Aug. 21 at 5:30 p.m.

If passed, rates will increase 8.1 percent in September for the average SDWD customer. Following that, another rate increase, as much as 8.5 percent, would take effect July 2014. However, the second rate hike percentage isn't set in stone.

"For the July 2014 increase, it's up to an 8.5 percent increase," said Bill O'Donnell, assistant general manager of SDWD. "It could be lower than that."

A better-than-expected fiscal situation next year would lead SDWD to recommend less than 8.5 percent for July 2014, O'Donnell said.

The district bills the average residential customer \$111 every two months. Under the proposed September increase, that will rise to \$120.50. And if the maximum 8.5 percent increase is locked in, water bills would jump to more than \$130. Those figures don't include a roughly \$5 fee imposed by the county on top of each bi-monthly bill.



Among the reasons the San Dieguito Water District is proposing a rate increase: infrastructure upgrades, including for the R.E. Badger Filtration Plant, which treats water for the district. Image courtesy of San Dieguito Water District

The 8.1 percent is an average; those on the lower end of the water-use spectrum wouldn't get hit with as high of an increase. The converse applies for those who use more water than most.

Should the rate increases pass, SDWD customers would still have the second lowest water bill among county agencies for the 2013-14 fiscal year, O'Donnell noted. However, SDWD could jump up in the county rankings given the second rate hike.

O'Donnell said the increase was put on the agenda due to SDWD having less access to local water.

Water from Lake Hodges was previously only available to SDWD and Santa Fe Irrigation District customers. But the city of San Diego recently began pumping water from the lake to its residents. Because the pie is now split three ways, SDWD will have to rely more on costly imported water.

And the pie is smaller. A dry winter and spring this year left a depleted supply for the districts to draw on.

"Potable water costs are projected to increase 38 percent this year for the district," O'Donnell said.

The district got 65 percent of its water from Lake Hodges in the past three years. But in two years, SDWD forecasts that number will be roughly 36 percent.

Also, SDWD must pay for a joint 10-year capital improvement plan, which is projected to cost \$17.8 million. Notably, the district is upgrading the R. E. Badger Filtration Plant — a facility in Rancho Santa Fe that treats most of the district's water. As another example, SDWD is replacing a station that pumps water to the district from the San Dieguito Reservoir.

For this fiscal year, SDWD budgeted \$13.9 million in revenues, which doesn't include the proposed increase. Expenditures are expected to total \$15.6 million.

If the City Council adopts the proposed rate increases, it would bring in an additional \$985,000 in revenue this year. It's unknown how much added revenue would come in for subsequent years since the percentage of the second increase hasn't been settled.

Should the City Council vote against the rate hikes, O'Donnell said the district has a few options. It could continue with planned infrastructure projects and let reserves drop below target levels, potentially hurting SDWD's AA+ credit rating.

"Which would mean higher interest rates should we decide to issue debt in the future," O'Donnell said.

Or SDWD could defer scheduled maintenance throughout the city. But this could lead to water main failures and other breakdowns, he said.

SDWD customers, like most in the county, have seen their bills climb over the past five years. The average residential user was charged \$81.60 by SDWD in March 2008, compared with \$111.80 in March of this year.

The last SDWD rate increase was two and a half years ago. As a result, water bills went up 13 percent. The Encinitas Taxpayers Association led the fight against that rate hike, arguing the SDWD should give greater weight to pay cuts for its employees.

This time around, Bob Bonde, president of the association, said the group isn't actively opposing the increase, because members are currently focused on fire and ambulance issues.

A subcommittee made up of councilmembers Mark Muir and Kristin Gaspar recommended the rate increases after reviewing a rate study from Raftelis Financial Consultants.

Of the alternatives presented in the study, Muir said that the rate increases are the best option in light of tough fiscal realities, including the rising price of imported water and drought conditions.

Further, he said projects like upgrading the Badger Filtration Plant are important for the district over the long term.

"Investment into key infrastructure is the best way to keep water rates down in the future," Muir said.

Two months ago, the councilmembers tentatively backed the subcommittee's recommendation, sending the proposed increases to a final Aug. 21 City Council vote.

SDWD serves more than 38,000 customers in the western parts of the city, including Leucadia, Old Encinitas, Cardiff and portions of New Encinitas. The Olivenhain Municipal Water District covers the eastern part of town.

More than 13,000 rate-hike notices were sent to residents. So far, SDWD has received 10 letters objecting to the proposed increase. Protest letters can be turned in up to the Aug. 21 meeting.



Related posts:

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2. [Water district asks for input on proposed rate increases](#)
3. [Water rate increases could be Chavez' final vote](#)
4. [Residents speak out against proposed water rate increases](#)
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CRESCENTA VALLEY WATER DISTRICT

MEMORANDUM

DATE: August 7, 2013
TO: Engineering Committee Meeting File
FROM: David S. Gould, District Engineer
SUBJECT: CVWD Engineering Committee Meeting No. 280

Following is a summary of Engineering Committee Meeting No. 280, held at 8:00 am on August 2, 2013, at the CVWD main office, and was attended by the following:

Director James Bodnar - Committee Chairperson	CVWD
Director Kerry Erikson - Committee Member	CVWD
Ron Mitchell – Secretary -Treasurer	CVWD
Brook Yared – Associate Engineer	CVWD
David S. Gould - District Engineer	CVWD

1. Well Levels, Well Production, and Nitrate Levels

Mr. Gould and Mr. Yared discussed the well levels through June 2013 stating that the static levels for the majority of the wells have decreased over the last few months and well pumping capacity has also decreased.

Mr. Gould reported that Well 12 is out of service due to bacteriological problems. Staff is looking into performing a spinner log to determine where the water is entering the well and possibly installing a packer to block the well casing at a depth of approximately 300 ft thereby eliminating any bacteria growth from entering the pump from the deeper depths of the casing.

Mr. Yared reported that the Well 9 pumping rate has decreased to 100 gpm and if the pumping rate decreases more, then Well 9 will have to be taken out of service for rehabilitation. These projects would be in addition to the Well 1 & Well 8 well rehabilitation projects planned as part of the FY 13/14 CIP program.

Staff will continue to watch the well levels and pumping capacity and provide a status report at the next Board meeting.

Mr. Yared also reviewed the nitrate levels and provided a new graph which shows the average nitrate level has been decreasing since 1997.

2. Discussion of a Future Recycled Water Study

Mr. Gould began the discussion by reviewing previous recycled water studies by CVWD, City of Glendale and FMWD. Each study showed that the cost for recycled water varied from \$877/ac-ft to \$7,222/ac-ft. Director Erikson indicated that the costs may not be feasible at this time. However, staff should be looking at recycled water as a possible long-term project and at possible grants or other funding sources to install a recycled water system. Director Bodnar indicated that the cost per acre foot does not make recycled water a feasible solution to future demands.

The Engineering Committee recommended that staff begin researching to find information about any changes in new technologies, water quality issues relative to groundwater recharge, regulations for end-users, availability of grants to install a recycled water system, and other information useful to determine if there is a benefit to CVWD to consider implementing a recycled water program. Staff will report on this issue at future Engineering Committee meetings.

3. Discussion of Wall on the north side of Ordunio Reservoir

Mr. Gould led a discussion about installing a new retaining wall and fencing along the north side of CVWD's Ordunio Reservoir. Mr. Bob Oliphant, the resident north of the reservoir had requested that a wall with a fence be built along the north side of the property.

In 1997, a row of eucalyptus trees ran along the north property line and Mr. Oliphant requested that those trees be removed because he could not get homeowners insurance since it was a fire hazard with the trees so close to his house. The District obliged by cutting down the trees, but left the stumps. About 10 years ago, the resident again requested that the stumps be removed since it was unsightly and a nesting area for rodents. Again the District obliged by removing the stumps which left a 3-4 foot high gap in elevation between the two properties.

It was the District's intention to construct a retaining wall with a fence between the properties, however, with the reduction in reservoir maintenance funds over the past few years; this project was put on hold.

The preliminary cost estimate for the project is \$36,000 and staff pointed out a number of issues that would need to be addressed to install the new retaining wall. In addition, the budget for reservoir maintenance would also have to be increased.

Director Erikson requested that staff speak with the property owner about possible cost sharing for the project. Director Bodnar indicated that the wall and fence should be built and requested this item be put on the Board agenda for discussion.

The recommendation of the Engineering Committee was for staff to contact Mr. Oliphant about cost sharing and prepare a board agenda item for the August 13, 2013, CVWD Board meeting.

4. Discussion on Local Groundwater Assistance Grant

Mr. Gould began the discussion by reviewing DWR's requirements for the LGA grant which includes a stipulation that CVWD provide sufficient funds to cover the DWR portion of the grant if the scope of work were to change. Staff provided two (2) options that were discussed. Option 1 was to complete the study within the \$158,400 grant funding or Option 2 was to use CIP program funding to cover the cost until MWD's Foundational Action Funding is awarded or if CVWD is not successful with the FAF grant then the funds will come from the FY 12/13 surplus.

The recommendation of the Engineering Committee was for Staff to prepare a board agenda item for the August 13, 2013, CVWD Board meeting for further discussion and possible approval such that staff can complete the required documentation for DWR and submit it by August 16, 2013. In addition, provide a request for proposal for consulting services on the Board Agenda.

5. Discussion with Glendale on Rockhaven Well

Mr. Gould indicated that he has met with Glendale Water and Power (GWP) and discussed the groundwater well drilled at the old Rockhaven Sanitarian on Honolulu Avenue near La Crescenta Avenue called the Rockhaven Well. Mr. Gould provided a number of alternatives to GWP and they indicated that Alternative 3 was their preference.

Alternative 3 involves CVWD completing the above ground well facility including pump, electrical system, piping, and installation of 1,200 LF of pipeline to Sycamore & La Crescenta Avenue. After completion of the infrastructure, CVWD will buy water from GWP at a cost lower than FMWD. In addition, CVWD will reimburse GWP for the cost to drill the well and pay an annual cost to lease the land from Glendale.

Mr. Gould discussed that the next step will be to perform a cost analysis to determine the cost to purchase water from GWP; the reimbursement cost for GWP's drilling of the well, the length of time to pay back GWP and the cost to lease the land. This information will be used to determine if there is a positive cost/benefit to CVWD. In addition, staff will talk with GWP about adjudication issues.

CVWD and GWP agreed to create a scope of work for the study and to get a cost from a consultant that specializes in cost analysis studies. It was also agreed that CVWD and GWP will share in the cost of the consultant.

The Engineering Committee recommended that staff move forward on the scope of work for the study and obtain a proposal from a consultant. Staff will report further at the next Engineering Committee.

6. Discussion on the proposed schedule and budget for FY 13/14 Capital Improvement Projects (CIP) Program

Mr. Gould discussed the project schedule for planning, design and construction of the FY 13/14 CIP for review and discussion by the Engineering Committee.

The schedule shows that planning and design for a majority of projects will take place from July 2013 to January 2014 and construction will occur from January 2014 to June 2014. The rehabilitation of wells and reservoirs will occur during the winter season when water demand is low.

The Engineering Committee recommended that staff provide updates of the project schedule and costs at the next Engineering Committee meeting.