

CRESCENTA VALLEY WATER DISTRICT

**2700 Foothill Boulevard
La Crescenta, California**

**Agenda for the
Regular Meeting of the Board of Directors
of the Crescenta Valley Water District
to be held on February 4, 2014 at 7:00 p.m.**

Posted: January 31, 2014 at 3:00 p.m.

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

Call to Order and Determination of Quorum

Pledge of Allegiance

Adoption of Agenda

Public Comments

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

Foothill Municipal Water District Report

1. Report on activities at Foothill Municipal Water District.

Consent Calendar

1. Consideration and approval of the Minutes of the Adjourned Regular Meeting on January 21, 2014.

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. **Relief from a High Water Bill** – Consideration of a request for relief from a high water bill from Mr. Hanry Mardiroussian.
2. **Replacement of Roof at Edmund #1 Reservoir - Project E-936**
 - a. Consideration and motion to authorize the General Manager to award a contract to the lowest responsible bidder, Blastco Inc for the replacement of the existing wooden roof with a new steel roof at Edmund #1 Reservoir at a cost of \$309,930.
 - b. Establish a contingency amount of \$30,993 (10% of contract) to cover the cost of unforeseen or additional work.
 - c. Consideration and motion to authorize the General Manager to enter into an agreement with Harper & Associates Engineering, Inc to provide professional inspection services for a cost not-to-exceed \$22,190.

Information Items

Written Communications to District

Staff Reports

Secretary-Treasurer

1. Cash and Investments –February 4, 2014.

General Manager

1. Administrative Report.

District Engineer

1. Water Production Report –January 2014.
2. Report on Administrative and Field Operations.

Program Specialist

1. Report of Water Conservation issues.

Information Technology

1. Report of Information Technology issues.

Attorney

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

Reports of Committees

Engineering Committee

1. Consideration of engineering issues affecting the District.

Finance Committee

1. Consideration of financial issues affecting the District.

Employee Relations Committee

1. Consideration of employee relations issues affecting the District.

Policy Committee

1. Consideration of policy issues affecting the District.

Community Relations/Water Conservation Committee

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

Emergency Planning Committee

1. Consideration of emergency planning issues affecting the District.

Director's Oral Reports

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

Closed Session

- **Conference with Labor Negotiators (§54957.6)**
 - District negotiators: Dennis Erdman and Ron Mitchell

Board Members' Request for Future Agenda Items

Adjournment

CRESCENTA VALLEY WATER DISTRICT
ADJOURNED REGULAR MEETING, BOARD OF DIRECTORS
January 21, 2014

Pursuant to the order of the Board of Directors of the Crescenta Valley Water District, made at the Regular Meeting of January 7, 2014, an Adjourned Regular Meeting was held on January 21, 2014, 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. Tejeda
Attorney:	Thomas S. Bunn
General Manager:	Dennis Erdman
Secretary-Treasurer:	Ron L. Mitchell
District Engineer:	David S. Gould (absent)
Others Present:	Mark Hass, IT Manager Christy Scott, Program Specialist Wendy Holloway, Customer Accounts Supervisor Larry Byers, Superintendent Brook Yared, Associate Engineer

PLEDGE OF ALLEGIANCE

President Bodnar opened the meeting by asking Director Erickson 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 5-0 vote that the Agenda for the Adjourned Regular Meeting of January 21, 2014 be amended to add an item regarding drought declaration that was received after the posting of the agenda and needs immediate Board action.

PUBLIC COMMENT – None

FOOTHILL MUNICIPAL WATER DISTRICT REPORT – Mr. Erdman reported that he attended the FMWD Board meeting today. There were several items on the action calendar including discussion and action regarding reserve levels, discussion and action supporting the resolution of the ACWA Statewide Water Action Plan was adopted, discussion and action concerning health care options for all employees was adopted, they discussed the conservation alert status and moved to change the alert status from blue to green. They reported on the work

for the emergency generators and that the work is 13 weeks behind schedule at the P1 pumping station and 6 weeks behind at the P2 pumping station. They have recently done some test pits to expose corrosion in the pipes, but have found the corrosion at a minimum and, overall for the age of the pipes, they are in good condition.

CONSENT CALENDAR

It was moved by Director Ross, seconded by Director Bodnar and carried by a 5-0 vote to approve the Consent Calendar which included:

Minutes of the Regular Board Meeting held on January 7, 2014.

Payment of demands against the Crescenta Valley Water District on or before December 31, 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 Three Thousand One Hundred Twenty Six Dollars and Sixty Eight cents. (663,126.68), which is composed of the individual items set forth herein.

ACTION CALENDAR

Relief from a High Water Bill – Mr. Mitchell reported that Mr. George Solymar who is the owner at 2203 Crescent had written a letter to the Board explaining that his water usage was higher than normal for those last two (2) billing statements and has requested that his billings be reduced to a tier 2 rate. The Board discussed his request at the January 7th Board meeting and requested a water audit be conducted, staff provide information pertaining to turf rebates, and daily meter readings to see if the consumption has returned to normal. The water audit was conducted on January 16th. Staff has finished the reading cycle for January 15th, 2014 and his consumption is at 62 units which is still higher than the average of 40 units for this period but down significantly from the last two billing periods. The Policy Committee met on January 14th to discuss the issue of large lots and the request by Mr. Solymar and the Committee did not feel that it was fair for other District customers to subsidize Mr. Solymar's usage by rebilling his consumption at tier 2 rates when his consumption is always in a tier 3 and/or tier 4 rate for each billing period. The Committee did support recalculating his tier 4 consumption at tier 3 rates. By recalculating these billings periods, staff has found that the adjustment would be for \$313.39.

Following discussion:

It was moved by Director Ross, seconded by Director Putnam to approve to bill at tier 3 rate instead of tier 4 rates which results in a credit of \$313.39.

Following further discussion:

It was moved by Director Tejada, seconded by Director Putnam to amend the motion and give a flat \$300.00 onetime adjustment. This amendment was approved by a 4-1 (Ross) vote.

The amended motion was then unanimously carried.

ACWA/JPIA Commitment to Excellence Program – Mr. Erdman reported that ACWA/JPIA is looking at high loss areas and emphasizing the programs and "best practices" that

organizations have used to successfully control losses. The Commitment to Excellence Program will concentrate on five high loss/risk categories: vehicle safety, construction, infrastructure maintenance, employment practices, and ergonomic and fall injuries. The Loss Reduction Focus process will highlight efforts on positive partnering methods and programs that will enlist the help of district decision makers such as Board members, General Managers, etc. in influencing the loss reduction activities and practices of the unique organizations. ACWA/JPIA would like its members to sign a Letter of Intent to make a commitment to excellence. It is staff's recommendation that the Board and the General Manager sign a letter of support for the program.

Following discussion:

It was moved by Director Ross, seconded by Director Tejeda and carried a 5-0 vote to have the General Manager and the Board of Directors sign the Letter in Support for the ACWA/JPIA Commitment to Excellence Program.

Discussion of the Water Conservation Alert System – Director Putnam reported that on Friday, January 17th, Governor Brown declared a statewide drought emergency and is asking all Californians to reduce their water use by 20 percent. The District is currently operating in Color Code “Blue” which is the normal conservation alert. Given the status of the District's wells, coupled with decreased well production rates and current demands, staff discussed with the Policy Committee a change in the District's current alert status from Blue to Green. Color code “Green” is defined as an increased voluntary conservation where customers should increase efforts to conserve by following strict water conservation practices indoors and limiting outdoor water use to odd or even days, based on the ending number of the customer's address.

Following discussion:

It was moved by Director Putnam, seconded by Director Ross and carried a 5-0 vote to move the District's Water Conservation Alert Status from Blue to Green.

INFORMATION ITEMS – LA Times: Brace for water rationing as reservoir levels fall. Sacbee.com: California drought will test Jerry Brown. LA Times: Jerry Brown will soon declare that California is officially in the midst of a drought. The Star: Record dry year puts water systems to the test. Associated Press: California governor proclaims drought emergency.

WRITTEN COMMUNICATIONS TO DISTRICT – A letter from the City of Los Angeles regarding their 5-year billing projections for wastewater service for fiscal years 2014-15 through 2018-19.

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 January 21, 2014:

Cash Accounts	\$245,430
Great Pacific Securities	\$39,772

Bond Debt Service Fund Acct	\$220,736
Local Agency Investment Fund	\$1,740,682
Federal Farm Credit (78)	\$470,505
Federal Farm Credit (81)	\$913,850
Federal Farm Credit (83)	\$491,970
Federal Farm Credit (86)	\$901,830
Federal Farm Credit (87)	\$488,800
US Treasury (92)	\$901,330
US Treasury (93)	\$901,330
Federal Farm Credit (94)	\$881,220
Federal Farm Credit (95)	\$539,922

MTBE Contingency Funds

Local Agency Investment Fund	\$2,537,247
Great Pacific Securities	\$53,775
Federal Farm Credit (M-3)	\$472,725
Federal Farm Credit (M-4)	\$948,050
US Treasury (M-5)	\$480,155
Federal Farm Credit (M-6)	\$1,032,860
US Treasury (M-7)	\$988,750
US Treasury (M-8)	\$988,750
US Treasury (M-9) New	\$992,880
Federal Farm Credit (M-6) New	\$1,078,440

Fund Balances at June 30, 2013

Water	\$5,677,245.28
Wastewater	\$3,944,953.78
MTBE Contingency Fund	\$2,818,567.00

Mr. Mitchell also reported on Ethics training for the Board. Director Bodnar's will expire on February 2016, Director Erickson's will expire in November 2014, and Directors Putnam, Ross, Tejeda and Mr. Erdman's have expired and they need to bring the ethic course up to date.

GENERAL MANAGER – Mr. Erdman reported that the CVWD operations staff has been paying careful attention to the recent fire north of Glendora. They have taken precautionary steps to be as ready as possible for any fire or fire related event in our area. Last week CVWD emergency generators were moved from storage and positioned in strategic locations to allow booster pump operation in the event of a power outage. Reservoir levels have been kept as full as possible and staff is monitoring news, police, and fire department websites for updated information. On January 15th, Mr. Erdman attended a meeting of CV Ready with Director Tejeda. The guest speaker was Pat Woods of Los Angeles County Department of Public Works. She is a water resources specialist who is tasked with development of plans for post-fire mud and debris protection. As of January 17, 2014, the District has worked 70 days without a lost time accident.

DISTRICT ENGINEER

Water Production – For the period of January 1 through January 19, 2014, water production averaged 79.2 million gallons per day, which is **35.4% more** than the daily average production

of the same period in 2013. This is **20.4% more** from the daily average production of the previous five years.

Rainfall: January 2014	0.00"
Season-to-date:	1.98"

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

Rainfall Update – 0.00" for January 2014. Rainfall total for 2013-14 is at 1.98".

Report on Engineering:

CIP Projects – Pipeline – 3000 & 3100 Block of Paraiso Way – Construction began January 6, 2014. .840 LF of 8" main installed and one FH. Starting on Cloud Avenue January 27, 2014. Well Rehabilitation, E-934 – Work underway on Wells 12 and 9. Ocean View Chlorination Project – Developing New Bid Proposals. Edmund #1 Roof – Pre-bid meeting, January 22, 2014. Ordunio – Wall – Under design. Oak Creek MCC – Under design.

Local Groundwater Assistance Grant Application – Finalizing Agreement with DWR.

Glendale – GWP & CVWD – finalizing Cost Analysis Study with GWP.

FMWD Issues – No report.

ULARA – No report.

AT&T – Oak Creek – No report.

Water Meter Replacement Program: FY 13/14 Water Meter Replacement Program – replaced 475 meters to date.

Report on Administrative and Field Operations:

Well Status – Current well capacity – January 1 – January 19; - 2.12 MGD. Well 12 out of service since September 9, 2013. Well 9 out of service since January 15, 2014.

Booster Pumps – No Report.

Glenwood Nitrate Plant – No Report.

Water Quality – No Report.

Mills Plant – No Report.

Reservoirs/Booster Stations – Edmund #1 out of service on October 24, 2013. Remaining out of service until roof replacement completed in May 2014.

MTBE Update – MTBE levels in Wells below 1ppb

Field Maintenance and Operations update for January 1 – January 19, 2014

Water lateral leaks & repairs

- 2808 El Caminito
- 2417 Fairmount
- 2865 El Caminito
- 2521 Teasley
- 3422 Montrose

Water Main Leaks – 1968 Waltonia Dr.

Fire Hydrant Replacement – No Report.

Developer Projects – No Report

Valve Replacement – No Report.

General Maintenance – Continuing with Valve Exercising Program.

SCADA/Telemetry System – No Report.

Sewer Maintenance – Sewer Cleaning – Interceptor line cleaning started January 20, 2014.

PROGRAM SPECIALIST – No Report

INFORMATION TECHNOLOGY – Mr. Hass reported that he will have scoping reports at upcoming meetings regarding telemetry, general technology and communications. He also said that Larry Byers has found AWWA approved 2" and larger meters. These are called sonic meter which has the same technology as the Iperl meters we have. We will be changing seventeen 2" meters and three 3" meters. He will be checking into test AMI pilot program grants.

ATTORNEY – Mr. Bunn reported on some recent cases on Prop 218. At Mission Springs Water District people are bringing an initiative to roll back water rates to where they were before on ballots so they can vote on it. Mission Springs Water District opposed having this put on the ballot and the trial and appellate courts sided with the water district because by code the District must set rates to cover their costs. At Paparo Valley Water Agency, Prop 218 notices must be given to property owners but it is not clear about giving it to tenants. Legislation states Prop 218 can be given to customers or owners or both. Courts referred to that legislation and said if you comply with the Prop 218 legislation then you're okay. This is the first time a case has dealt with Prop 218 requirements that fees be proportioned to the cost of service of serving each parcel. Court took steps towards classifying each parcel into classes and making it proportionate for cost of service for that class. Concluding, Mr. Bunn said that the City of San Juan Capistrano had a typical tiered rate structure which was challenged saying that the tiers didn't reflect cost of service for each parcel. The Court said that the City's tiered rates violated the cost of service requirements and is not valid. This case is on appeal. We will see what the trial court does and what the results are and what impact it will have on our District.

REPORTS OF COMMITTEES

Engineering Committee – Mr. Yared reported that the Committee met on January 10, 2014 and discussed the following: Well Levels and Well Capacity status charts; Recycled water and IRWM Grant; Rockhaven Well cost analysis; Replacement of 12-inch waterline on the 3800 Block of Honolulu Avenue; Status of the FY 13-14 Capital Improvement Project program.

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

Employee Relations Committee – Director Bodnar reported that the Committee met on January 16, 2014 and reviewed the MOU and will be discussed more in the Closed Session.

Policy Committee – Director Ross reported that Committee met on January 14, 2014 and discussed the current conservation rate structure for large lots and large families.

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

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

DIRECTORS ORAL REPORTS

Director Ross reported that she will not be at the February 4, 2014 Board meeting. She also said that church members will have a statewide fast on the first Sunday in February for the drought.

Director Erickson discussed that the Los Angeles County Planning Committee will be having a meeting on February 18, 2014 regarding the AT&T cell tower. The CVTC Land Use Committee is going to review this prior to the meeting, but this will not be heard by the full Council. The CVTC has received one letter in opposition to the cell tower. He reported that La Canada has revised the general zoning plan and wording that will allow re-zoning of existing land. At Ocean View & Foothill behind Big Lots, they are looking at a multi use area for low income housing that could have 300 units. He also went to Descanso Gardens and said that it is very dry looking.

Director Bodnar reported that he has completed his ethics training. He attended a LAFCO meeting, and he should know the results of the election at the end of January. He also attended the Engineering Committee meeting on January 10th and the Employee Relations Committee meeting on January 17th. He will be attending a science fair at Mountain Avenue School on January 24, 2014. The State Water allocation is still at 5%.

Director Tejeda reported that she attended the CV Ready meeting and was impressed with them receiving a \$15,000 grant for 2 years to prepare for emergencies. OSH will be the prime location for broadcasting during an emergency. On June 14th there will be a Senior Expo at the YMCA and they will be in attendance.

Director Putnam reported that there is a new water store in town offering Nitro water.

CLOSED SESSION

No reportable Action

ADJOURNMENT

There being no other business to come before the Board, at 9:45 p.m., it was moved by Director Ross, seconded by Director Erickson that the meeting be adjourned to February 4, 2014 at 7:00 p.m.

APPROVED

James D. Bodnar
President

Ron L. Mitchell
Secretary-Treasurer

CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS - STAFF REPORT

Item No. 1

February 4, 2014

To: Honorable President and Members of the Board of Directors
From: Ron L. Mitchell – Secretary-Treasurer
Subject: Water Bill Relief for 5041 Rosemont Ave., La Crescenta

ACTION ITEM:

1. **Relief from a High Water Bill** – Consideration and possible action to grant a request for relief from a high water bill by Mr. Harry Mardiroussian at 5041 Rosemont Ave.

BACKGROUND:

Mr. Harry Mardiroussian owns the property located at 5041 Rosemont Ave. He opened his account on June 21, 2013 and experienced a very high bill of \$2,460.96 for 253 units of consumption for his first cycle which ran from June 21, 2013 through August 15, 2013. Staff was made aware by Mr. Mardiroussian on July 24th that he would be filling his swimming pool. Staff noticed the extremely high usage in August and requested a re-read/check for leaks at the property which showed no leaks. On September 9th staff did another re-read for 5 minutes that again showed no leaks and that 65 units had been used in approximately 20 days since the last reading. Staff contacted Mr. Mardiroussian and gave him the results. Staff also inquired to see if he would like for the District to provide a water audit for his property at no charge, which he refused. Staff did another re-read the next day which showed that 3,430 gallons had been used in that 24 hour period. Staff pulled and tested Mr. Mardiroussian's meter on September 16th that showed it was registering 3.9% slow and an additional 21 units of consumption for the last 6 days. At that point staff installed a new iPerl meter at this residence and made arrangements for a water audit to be performed per the customer's request. This audit was done on September 25th and a copy is enclosed in this package.

Staff returned to the property on October 2nd and found that the meter was registering a 2/10th gallon per minute leak and that 7 units had been used between 9/17/13 and 10/2/13. On October 7th, staff again checked the meter and found that 11 units had been used since October 2nd and downloaded the consumption data from the meter. Copies of the graphs are enclosed for your review. Staff reviewed the water audit with Mr. Mardiroussian which shows that he is watering his property twice each day for a total of 18 to 20 minutes per station and then some stations a third time during the week for an additional 5 minutes. The report also indicated that someone recently reprogrammed the timer and that the timer most likely does not work and one station was running for 10 hours and another for 4 hours.

On October 14th, Wendy Holloway contacted Mr. Mardiroussian and reviewed the water audit and his account status. He informed her that he would have the leaks repaired and send a letter requesting an adjustment. At this point the customer had not paid anything toward the August 15th billing and the billing for the period August 16 through October 15, 2013 was sent for \$1,061.84 bringing his balance due to \$3,522.80.

On November 26, 2013 staff sent Mr. Mardiroussian a letter that recapped his account status and asked him to make payment arrangements for his unpaid balance. He had not paid anything on his balance and we requested some action by December 30, 2013. In December his account was again billed for an additional 40 units at a cost of \$323.49 bring the balance due on his account to \$3,846.29. On January 8, 2014 Mr. Mardiroussian made a payment of \$1,500.00 toward his balance leaving a new balance due of \$2,346.29. On January 20th the District received a letter (copy enclosed) from Mr. Mardiroussian asking for an investigation into his account and claimed that he has not used that amount of water.

RECOMMENDATION:

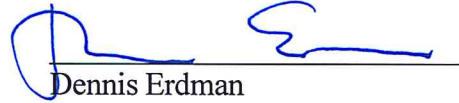
Staff has performed an extensive investigation since the first billing which has been outlined in this report and found that the water billed was in fact what passed through the meter. Staff is ready to grant the maximum leak adjustment of \$300 to Mr. Mardiroussian's account but does not feel that any additional credit is warranted at this time. Staff recommendation for this request would be to allow payment arrangements over a two year period of time instead of the one year maximum allowed in the Rules and Regulations if the customer needs more time to satisfy the balance.

Prepared by:



Ron L. Mitchell
Secretary-Treasurer

Submitted by:



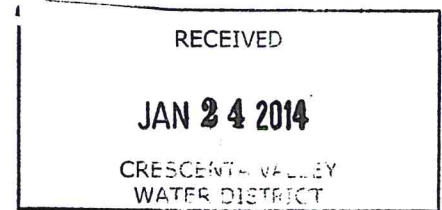
Dennis Erdman
General Manager

Attachments:

g:\management\board meeting staff reports\2013\02-04-14 board memo - relief request 5041 Rosemont Ave..docx

From: Hanry Mardiroussian
5041 Rosemont Ave,
11111

Jan. 20, 2014



To: Crescenta Valley Water District

RE: Acc. # 29654-000

I have occupied this property on June 21, 2013 and after 2 months I have been served with a bill of \$3500.00 from your office.

I knew something was wrong & I did not pay this amount.

The amount of last months bill was about \$300.00 which is almost normal.

About three weeks ago I sent a check for \$1500.00 to this account to try to solve this matter.

Please I am requesting an investigation on this account from the board of directors because I have checked all equipments & I am sure I have not used that much water.

Please inform me with the results, so I can bring this account up to date.

Once again I am sure I have not used it that much, it is not normal.

Thank You

Hanry Mardiroussian





Crescenta Valley Water District

2700 Foothill Boulevard, La Crescenta, California 91214

Phone (818) 248-3925 Fax (818) 248-1659

Directors

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

Officers

Dennis A. Erdman, P.E.
General Manager
Ron L. Mitchell
Secretary-Treasurer

November 26, 2013

Harry Mardiroussian
5041 Rosemont
La Crescenta, CA 91214

RE: Account No. 29654-000

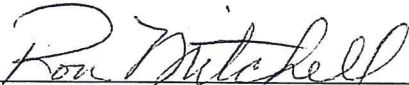
Dear Mr. Mardiroussian,

This letter is in regards to your property located at 5041 Rosemont. It has come to my attention that since you have started service on June 21, 2013, the District has not received any payments for your water usage.

The District has tested your meter for leaks and accuracy of the billings for August and October 2013 which have indicated that the readings were correct and that the water had passed thru your meter. You talked to Wendy Holloway, our Customer Accounts Supervisor, on October 14, 2013 and she mailed you a copy of the water audit the District provided for you that reviewed your water consumption. This audit showed that you had some leaks and that you had refilled your swimming pool among other items. You told Wendy that you were going to repair the leaks on your property and send a letter for adjustment or appeal to the Board of Directors. At this time you still have not provided any payments on your account and have not contacted the office to resolve this matter. Your current balance is \$3,522.80.

Please contact our office by December 30, 2013 to discuss your account status and make payment arrangements on the unpaid balance to avoid interruption of your water service.

Thank you for your prompt attention to this matter.


Ron L. Mitchell, Secretary-Treasurer

Cc - Customer Service

- 818-781-1227 wk-

sent pymt
11/8/14
\$ 1,500.00

Utility Billing

Account History Report

User: mitor
Printed: 01/30/2014 - 4:32PM



Account Status: Active
Connect Date: 06/21/2013 Final Date:
Customer Name: HANRY MARDIROUSSIAN
Care Of:
Customer Address: 5041 ROSEMONT
LA CRESCENTA, CA 91214

Total Account Balance: 2,346.29
Total Deposits: 0.00 Total Refunds: 0.00
Owner Name: HANRY MARDIROUSSIAN
Service Address: 5041 ROSEMONT

Home Phone: (818) 636-6838 Ext: 0
Business Phone: Ext: 0
Account Number: 029654-000 Reference Number: 220975-1

Tran Date	Tran Type	Description	Amount	SVC	WTR	SWR	TAX	PEN	MIS	FMWD	N/A
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Current Balance By Service											
01/09/2014	Payment		-1,500.00	-39.20	-1,115.51	-60.20	0.00	0.00	0.00	-285.09	
12/15/2013	Balance		3,846.29	123.20	2,758.69	189.20	0.00	0.00	0.00	775.20	
12/15/2013	Billing		323.49	42.00	140.99	64.50	0.00	0.00	0.00	76.00	
10/15/2013	Balance		3,522.80	81.20	2,617.70	124.70	0.00	0.00	0.00	699.20	
10/15/2013	Billing		1,061.84	42.00	736.84	64.50	0.00	0.00	0.00	218.50	
08/15/2013	Balance		2,460.96	39.20	1,880.86	60.20	0.00	0.00	0.00	480.70	
08/15/2013	Billing		2,460.96	39.20	1,880.86	60.20	0.00	0.00	0.00	480.70	

Read Date Reading Consumption

Active
Route-Sequence-Serial: 22-0990-74845214

12/15/2013 65.00 40.00
10/15/2013 25.00 25.00

Removed

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

ACCOUNT NUMBER	SERVICE ADDRESS
29654-000	5041 Rosemont
DUE DATE	
9/26/2013	06/21/13 to 08/15/13
TOTAL CHARGES	AMOUNT ENCLOSED
\$2,460.96	\$

Hanry Mardiroussian
5041 Rosemont
La Crescenta, CA 91214

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

DETACH AND RETURN THIS PORTION WITH YOUR PAYMENT

KEEP THIS PORTION FOR YOUR RECORDS

STATEMENT

ACCOUNT NUMBER	SERVICE ADDRESS	DUE DATE	BILLING PERIOD
29654-000	5041 Rosemont	9/26/2013	06/21/13 to 08/15/13
METER NUMBER	CURRENT READ	PRIOR READ	USAGE
34547321	6023	5770	253

SUMMARY OF CHARGES

Previous Balance	\$0.00
Payment	\$0.00
Tier 1 - 10 x \$2.22 (Basic Usage)	\$22.20
Tier 2 - 23 x \$3.43 (Average Usage)	\$78.89
Tier 3 - 17 x \$5.70 (High Usage)	\$96.90
Tier 4 - 203 X \$8.29 (Excessive Usage)	\$1,682.87
FMWD Charge -253 x \$1.90 (Imported Water Cost)	\$480.70
Fixed Service Charge	\$39.20
Sewer Charge	\$60.20

TOTAL DUE **\$2,460.96**



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

ACCOUNT NUMBER

029654-000

SERVICE ADDRESS

5041 ROSEMONT

DUE DATE

11/19/13

BILLING PERIOD

08/16/13 to 10/15/13

TOTAL CHARGES

\$3,522.80

AMOUNT ENCLOSED

\$

AUTOSCH 5-DIGIT 91214 8 PS5 83520RA23-A-1
1913 1 AV 0.360



HANRY MARDIROUSSIAN
5041 ROSEMONT AVE
LA CRESCENTA CA 91214-2128

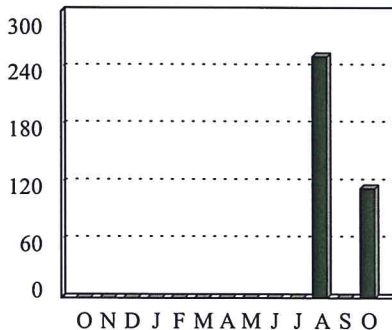
CRESCENTA VALLEY WATER DISTRICT
2700 FOOTHILL BLVD
LA CRESCENTA CA 91214-3590



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

STATEMENT OF ACCOUNT

ACCOUNT NUMBER	SERVICE ADDRESS	BILL DATE	DUE DATE	BILLING PERIOD	
029654-000	5041 ROSEMONT	10/15/13	11/19/13	08/16/13 to 10/15/13	
METER NUMBER	COMMENTS	PRIOR READ	CURRENT READ	USAGE (IN 1,000 GAL)	USAGE LAST YEAR
74845214		0	25	25	0
34547321		6,023	6,113	90	0

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

Previous Balance	\$2,460.96
Payment on	\$0.00
Water Charges	
Tier 1 - 10 x \$2.22 (Basic Usage 0-10 Units)	\$22.20
Tier 2 - 23 x \$3.43 (Average Usage 11-33 Units)	\$78.89
Tier 3 - 17 x \$5.70 (High Usage 34-50 Units)	\$96.90
Tier 4 - 65 x \$8.29 (Excessive Usage 51 +)	\$538.85
FMWD Charge - 115 x \$1.90 (Imported Water Cost)	\$218.50
Fixed Service Charge	\$42.00
Sewer Charge	\$64.50
TOTAL DUE	\$3,522.80

Did you know that you can manage your account online? Just go to www.cvwd.com and click on "Manage Account" located at the top right of the page. Paying your bill and checking your water usage has never been easier. While you are on the District's webpage, take a look at what rebates are available to help you save water. Qualifying high efficiency toilets, washing machine, and turf removal can shave money off your bill.



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

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

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

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



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

ACCOUNT NUMBER

029654-000

SERVICE ADDRESS

5041 ROSEMONT

DUE DATE

01/23/14

BILLING PERIOD

10/16/13 to 12/15/13

TOTAL CHARGES

\$3,846.29

AMOUNT ENCLOSED

\$

AUTOSCH 5-DIGIT 91214 8 PS5 84848RA26-A-1
1909 1 AV 0.360



HANRY MARDIROUSSIAN
5041 ROSEMONT AVE
LA CRESCENTA CA 91214-2128

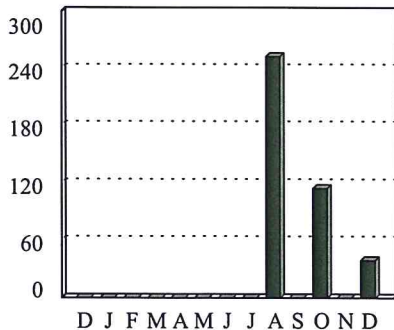
CRESCENTA VALLEY WATER DISTRICT
2700 FOOTHILL BLVD
LA CRESCENTA CA 91214-3590



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

STATEMENT OF ACCOUNT

ACCOUNT NUMBER	SERVICE ADDRESS	BILL DATE	DUE DATE	BILLING PERIOD	
029654-000	5041 ROSEMONT	12/15/13	01/23/14	10/16/13 to 12/15/13	
METER NUMBER	COMMENTS	PRIOR READ	CURRENT READ	USAGE (IN 1,000 GAL)	USAGE LAST YEAR
74845214		25	65	40	0

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

Previous Balance	\$3,522.80
Payment on	\$0.00
Water Charges	
Tier 1 - 10 x \$2.22 (Basic Usage 0-10 Units)	\$22.20
Tier 2 - 23 x \$3.43 (Average Usage 11-33 Units)	\$78.89
Tier 3 - 7 x \$5.70 (High Usage 34-50 Units)	\$39.90
Tier 4 - 0 x \$8.29 (Excessive Usage 51 +)	\$0.00
FMWD Charge - 40 x \$1.90 (Imported Water Cost)	\$76.00
Fixed Service Charge	\$42.00
Sewer Charge	\$64.50
TOTAL DUE	\$3,846.29

Did you know that you can manage your account online? Just go to www.cvwd.com and click on "Manage Account" located at the top right of the page. Paying your bill and checking your water usage has never been easier. While you are on the District's webpage, take a look at what rebates are available to help you save water. Qualifying high efficiency toilets, washing machine, and turf removal can shave money off your bill.



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

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24 HR. EMERGENCY #: (818) 249-2185

CVR101613PT50078

Utility Billing
Service Request Form

10/7/2013 - 7:39 AM

Request Number: 000093-10-2013
Account Number: 029654-000Last Updated By: easln
On: 10/7/2013

Account Status: Active

Name: HANRY MARDIROUSSIAN
Billing Address: 5041 ROSEMONT
LA CRESCENTA, CA 91214Home Phone: 8186366838
Business Phone:
Service Address: 5041 ROSEMONT

Request Date: 10/7/2013

Request Description: Check reading- PLEASE DOWNLOAD INFO ON METER FOR LAST 30 DAYS.

Service Date: 10/7/2013

Water/Gas Meters	Route-Seq Read Dt	Serial No Cons	Register ID No Of Digits	MXU ID	Manufacturer	Model No	Reading
Existing Water Meter	22-0990 9/16/2013	74845214 0	 4		Ipearl	Ipearl.14	0

Location: 10' S OF TEL., MANHOLE COVER IN SIDEWALK - AT EDGE OF BT

10/14/13- Spoke with
customer today -
sent copy of water audit
he will fix leaks -
and letter for adjustment
in decide of he
to the brd.

Comments:

READ: 0019744 - Downloaded Information, Sending to D. Gould

Follow up needed? yes no

Served By: C&C

Date: 10/7/13

Time: _____

Natalie Bellissimo

From: Ajay Dhawan [adhawan@waterwise-consulting.com]
Sent: Friday, October 04, 2013 9:41 PM
To: Natalie Bellissimo
Cc: Wendy Holloway
Subject: Re: 5041 Rosemont

29654

Hi Natalie,

Sorry I didn't get back to you sooner. I just got back from WaterSmart.

This is what my surveyor told me:

I did detect a leak at this home on the meter. I could not pinpoint the leak but I suspect possible leaking valves or water hose spigot in backyard. Customer recently moved in and has an old irrigation system which needs lots of work. Also has subsurface irrigation which they know nothing about. Also, they recently filled up pool. Leak was about 0.1 gpm. Plus one station was on for about 10 hrs!!!!

Here is what is in the notes:

Leak detected at meter. Meter stopped running after the home's main shut-off was turned off. Leak is after shut off. Leak is possibly at backyard spigot or irrigation valves. Old irrigation system with some valves not located or buried in ivy and leaking. Leak test during audit was approximately 0.1 gpm. Customer recently had someone reprogram the timer; person said timer most likely does not work since it changes its runtimes without the user. Auditor found one station running for 10 hours! Customer then switched the station to run 8 minutes. This station could not be located; possibly not connected or subsurface drip. Customer previously had one station running for 4 hours one day according to customer. Customer also recently filled up pool.

Hopefully this information is what you need.

On Wed, Oct 2, 2013 at 7:11 AM, Natalie Bellissimo <nbellissimo@cvwd.com> wrote:

Hi Ajay, the audit on this address states that there was a leak detected on 9/25 during the audit. On 9/6, our service technician did a leak check (5 minute test) and there was no leak detected. Could it have been that something was running during the audit, and if not, can the WW rep advise where the leak was detected as I don't see the rate of the leak or where it was detected?

The read we got on 9/9 was 6088, and the read your rep got on 9/25 was 7771, that's 1683k gal in 16 days!

Thanks. -N

Natalie Bellissimo

Residential Water Use Survey

Provided by Crescenta Valley Water District

October 1, 2013

Harry Mardiroussian
5041 Rosemont Ave.
La Crescenta, CA 91214
Telephone Number: 818-636-6838
Water Account No.: 029654-000

Survey Conducted On: 9-25-13
Year Home Built: 1953
No. of Residents: 4
Water Meter Reading: 7771
Meter Leak Detected: Yes ☒ No ☐
Leak Flow (gal/month):

Dear Customer:

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

Areas Surveyed in Residence	Potential Annual Water Savings	
	Billing Units	Gallons
1. Leak in Residence	0	0
2. Bathroom Water Use	26	25,735
3. Kitchen Water Use	5	5,110
4. Laundry Water use	0	0
5. Swimming Pool Water Use	34	33,879
6. Landscape Irrigation Water Use	44	44,092
Total Potential Annual Water Savings	109	108,816

One billing unit is equal to 1,000 gallons

Implementing the recommended changes and improvements are estimated to save you approximately \$ **894.00** annually. The following pages provide a summary of the areas surveyed in your residence. Thank you for participating in this water use survey.

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

Thank you,

FILLED POOL 7/24/13

Water Survey Team
WaterWise Consulting, Inc.

9/16: new meter





USAGE HISTORY

09/09/2013 - 12:16 PM

Current Customer: 029654-000 **Established On:** 6/21/2013 **Route #** 22

Name: HANRY MARDIROUSSIAN **Address:** 5041 ROSEMONT

Meter #: 34547321 **Meter Size:** 1 **Status:** A **U/M:** Gallons **Meter Install Date:** 3/12/1986

2013		2012		2011		2010		2009	
Jan	0	Jan	0	Jan	0	Jan	0	Jan	0
Feb	0	Feb	0	Feb	0	Feb	0	Feb	0
Mar	0	Mar	0	Mar	0	Mar	0	Mar	0
Apr	0	Apr	0	Apr	0	Apr	0	Apr	0
May	0	May	0	May	0	May	0	May	0
Jun	0	Jun	0	Jun	0	Jun	0	Jun	0
Jul	0	Jul	0	Jul	0	Jul	0	Jul	0
Aug	253	Aug	0	Aug	0	Aug	0	Aug	0
Sep	0	Sep	0	Sep	0	Sep	0	Sep	0
Oct	0	Oct	0	Oct	0	Oct	0	Oct	0
Nov	0	Nov	0	Nov	0	Nov	0	Nov	0
Dec	0	Dec	0	Dec	0	Dec	0	Dec	0

D
dp

Utility Billing
Service Request Form

9/6/2013 - 2:52 PM

Request Number: 000089-09-2013
Account Number: 029654-000

Last Updated By: ledn
On: 9/6/2013

Account Status: Active

Name: HANRY MARDIROUSSIAN
Billing Address: 5041 ROSEMONT
LA CRESCENTA, CA 91214

Home Phone: 8186366838
Business Phone:
Service Address: 5041 ROSEMONT

Request Date: 9/6/2013

Request Description: Check for leak. Please check again for leak customer insists he did not use this much water. Per SD the read is correct.

Service Date: 9/6/2013

Water/Gas Meters	Route-Seq Read Dt	Serial No Cons	Register ID No Of Digits	MXU ID	Manufacturer	Model No	Reading
Existing Water Meter	22-0990 8/15/2013	34547321 253	 4		Rockwell	Rockwell14	6023

Location: 10' S OF TEL., MANHOLE COVER IN SIDEWALK - AT EDGE OF BT

1st read
8/22/13

7/24/13
filled pool.
20' x 40' 6' deep
36,000 gals

65,000 gals used
- approx 20 days -

Comments:

Read 6088580 5-min leak Test
No leak

Follow up needed? yes ☒ no

Served By: B. SeneS

Date: 09/09/13 Time: 12:00

Indoor Water Use

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

Bathroom Water Use

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

Number of toilets at this residence: 2
Number of **Non Conserving** toilets: 2
Average volume of **Non Conserving** toilets: 1.6

Toilet leak detected: Yes ☐ No ☒

Number of toilet leaks detected:

Water Savings with Water Conserving Toilets: 2,383

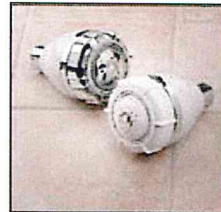


High Efficiency Toilet (HET)

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

Number of showerheads at this residence: 2
Number of **Non Conserving** showerheads: 2
Average flow of **Non Conserving** showerheads (gpm): 2.5
Current average length of shower (minutes): 10
Suggested length of shower (minutes): 7
Number of showers per week per person: 6

Water Savings with Low-Flow Showerheads: 18,096



Low-Flow Showerhead

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

Number of bathroom faucets at this residence: 2
Number of **Non Conserving** bathroom faucets: 2
Average flow of **Non Conserving** faucets (gal/min): 2.2

Water Savings with Low-Flow Faucet Aerators: 5,256



Low-Flow Faucet Aerator

Kitchen Water Use

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

Number of kitchen faucets in this residence: 1
 Number of **Non Conserving** kitchen faucets: 1
 Average flow rate of **Non Conserving** faucets (gpm): 2.2
Water Savings with Kitchen Faucet Aerator: 5,110



Kitchen Faucet Aerator

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

Dishwasher make/model: *Kitchen Aide*

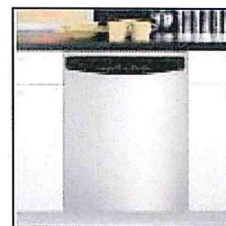
Efficient Dishwasher: Yes ☐ No ☒

Pre-rinse dishes: Yes ☐ No ☒

Existing dishwasher capacity in gallons: 15

Dishwasher loads per week: 0

Water Savings with High Efficiency Dishwasher: 0



High Efficiency Dishwasher

Laundry Water Use

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

Clothes Washer make/model: *Samsung*

Existing clothes washer capacity in gallons: 15

Clothes washer loads per week: 3

Qualifies for washer rebate? Yes ☐ No ☒

Water Savings with High Efficiency Clothes Washer: 0



High Efficiency Clothes Washer

Swimming Pool Water Use

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

Does this residence have a pool: Yes ☒ No ☐

Pool Depth (ft): 5

Does pool have cover: Yes ☐ No ☒

Pool Surface Area ft²: 592

How often is pool drained and refilled (years): 1

Pool Volume (gallons): 22,141

Water Savings with Pool Cover & 3 yr. Refill Rate: 33,879

Landscape Irrigation Water Use

General Landscape Information

Total Landscape Area (ft²): 15,170

Overall Plant Type:

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

Type of Soil:

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

Type of Irrigation:

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

Estimated Annual Landscape Water Need: 293,948 Gallons or 293.9 KGAL Billing Units

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

Irrigation System Inspection

Controller Model: RB-LX Plus No. Stations: 9

Current Watering Schedule:

Program A: Start time: 3:15am, 7 times a week. Station 1 - 9: 8 min intervals. Program B: Start time: 5:00 am, 7 times a week. Station 1 - 5: 10 min intervals. Station 6-9: 12 min intervals. Program C: Start time: 6:00 am, 2 times a week. Station 1 - 9: 5 min intervals. Program D: Start time: 10:45am, 3 times a week, 

Irrigation Stations Checked

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

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

Watering Schedule

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

Watering Schedule for Representative Stations:

Station No: 2, 4, 6		Plant Type: Medium Water Use					System: Spray Heads					
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Minutes of Irrigation per Cycle	2	2	2	3	3	3	4	4	3	3	3	2
Cycles per Day	1	1	1	1	1	1	1	1	1	1	1	1
Days per Week	4	4	6	7	7	7	7	7	7	6	4	4

Station No: 3		Plant Type: Medium Water Use					System: Rotors					
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Minutes of Irrigation per Cycle	6	7	7	8	7	7	8	8	7	6	7	6
Cycles per Day	1	1	1	1	1	1	1	1	1	1	1	1
Days per Week	3	3	4	5	6	7	7	7	6	5	3	3

Station No: 5, 7, 8, 9		Plant Type: Medium Water Use					System: Sprayheads					
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Minutes of Irrigation per Cycle	2	2	2	3	3	3	4	4	3	3	3	2
Cycles per Day	1	1	1	1	1	1	1	1	1	1	1	1
Days per Week	4	4	6	7	7	7	7	7	7	6	4	4

Station No:		Plant Type:					System:					
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Minutes of Irrigation per Cycle												
Cycles per Day												
Days per Week												

Landscape & Irrigation Recommendations

Landscape Recommendations:

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

Irrigation System Recommendations:

- Implement suggested watering guidelines below ☐
- Fix irrigation system problems listed on page 4 ☒
- Install a Weather Based Irrigation Controller ☒
- Convert spray zones in planters to drip irrigation ☐
- Retrofit spray zones in lawn to rotating nozzles ☐

Potential for Water Savings in Landscape Irrigation is:

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

Smart Controller Recommended: Yes ☒ No ☐

Estimated Water Savings with Implementation of Recommendations: 58,790 Gallons per Year

Additional Notes:

Leak at meter. Stopped after main shut off was turned off. Leak is after shut off. Leak is possibly at back spigot or irrigation valves. Recently had someone reprogram the timer, person said timer most likely does not work.

Had one station running for 10 hours. Switched the station to run 8 minutes only..

Had one station running for 4 hours. Switched the station to run 8 minutes only.

Glossary of Terms

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

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

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

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

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

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

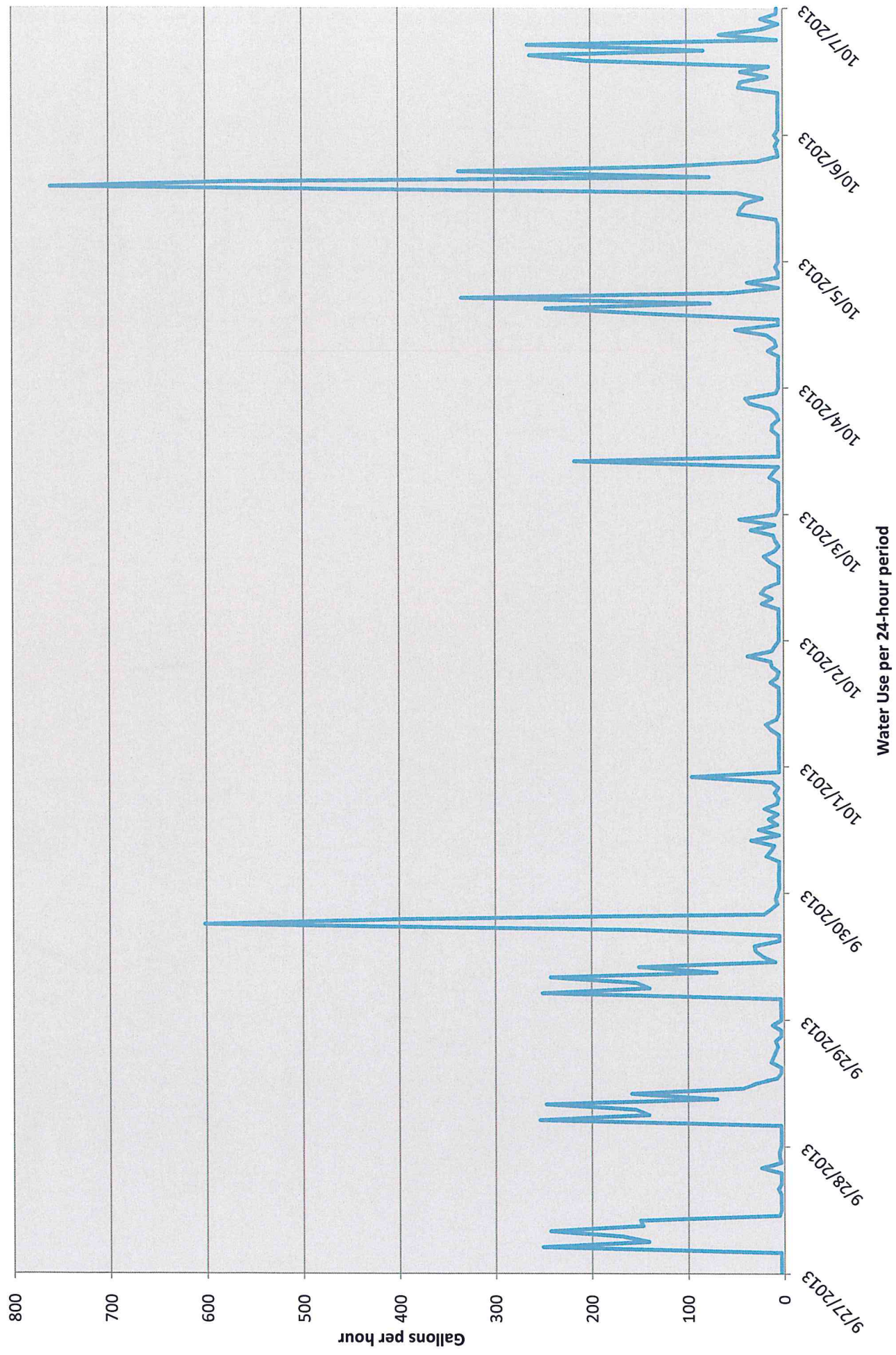
Pressure Too Low: Low pressure is a problem common in rotor type systems. If you have this problem, you may have to change sprinkler nozzles to a smaller size or have fewer sprinklers running at the same time.

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

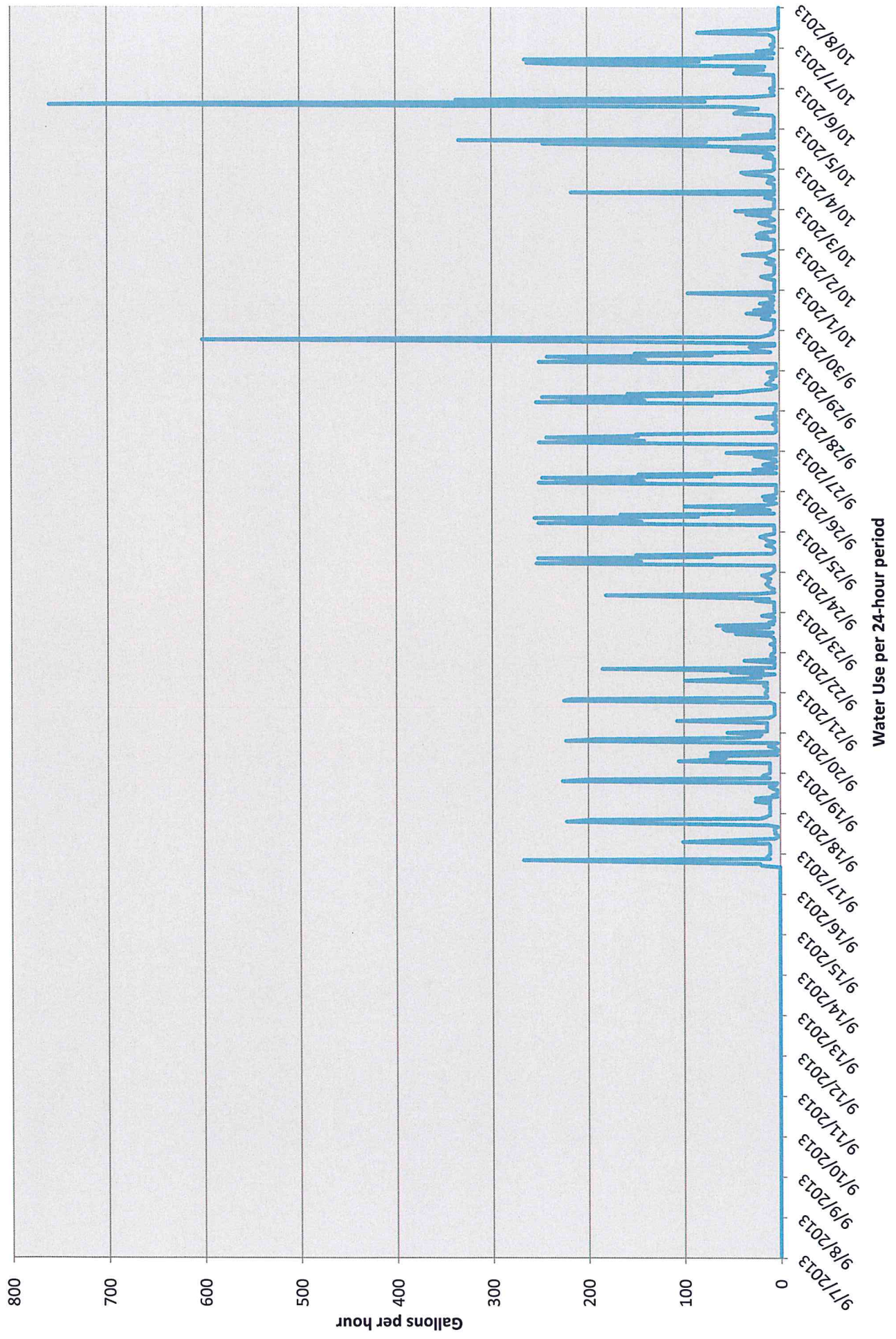
Clogged Sprinkler Nozzles: clogging is common in spray heads. Clogging may occur at the orifice where water comes out or at the filter below the nozzle. Clogged heads create brown spots in lawns. In extreme cases, clogged heads become plugged completely. Clean or replace clogged sprinkler nozzles.

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

5041 Rosemont - Water Use - 9/27/13 - 10/7/13



5041 Rosemont - Water Use - 9/7/13 - 10/8/13



CVWD
leddp

Utility Billing
Service Request Form

9/6/2013 - 2:52 PM

Request Number: 000089-09-2013
Account Number: 029654-000

Last Updated By: leddp
On: 9/6/2013

Account Status: Active

Name: HANRY MARDIROUSSIAN
Billing Address: 5041 ROSEMONT
LA CRESCENTA, CA 91214

Home Phone: 8186366838
Business Phone:
Service Address: 5041 ROSEMONT

Request Date: 9/6/2013

Request Description: Check for leak. Please check again for leak customer insists he did not use this much water. Per SD the read is correct.

Service Date: 9/6/2013

Water/Gas Meters	Route-Seq Read Dt	Serial No Cons	Register ID No Of Digits	MXU ID	Manufacturer	Model No	Reading
Existing Water Meter	22-0990 8/15/2013	34547321 253	 4		Rockwell	Rockwell14	6023

Location: 10' S OF TEL., MANHOLE COVER IN SIDEWALK - AT EDGE OF BT

1st read
8/22/13

65,000 gals used
- approx 20 days-

7/24/13
filled pool.
20' x 40' 6' deep
36,000 gals

read 9/16/13
6113,830
90,000
27 days

Comments:

Read 6088580 5-min leak Test
No leak

9/10/13 read 6092,010

Follow up needed?

yes ☒ no

Served By:

B. Sones

Date:

09/09/13

Time:

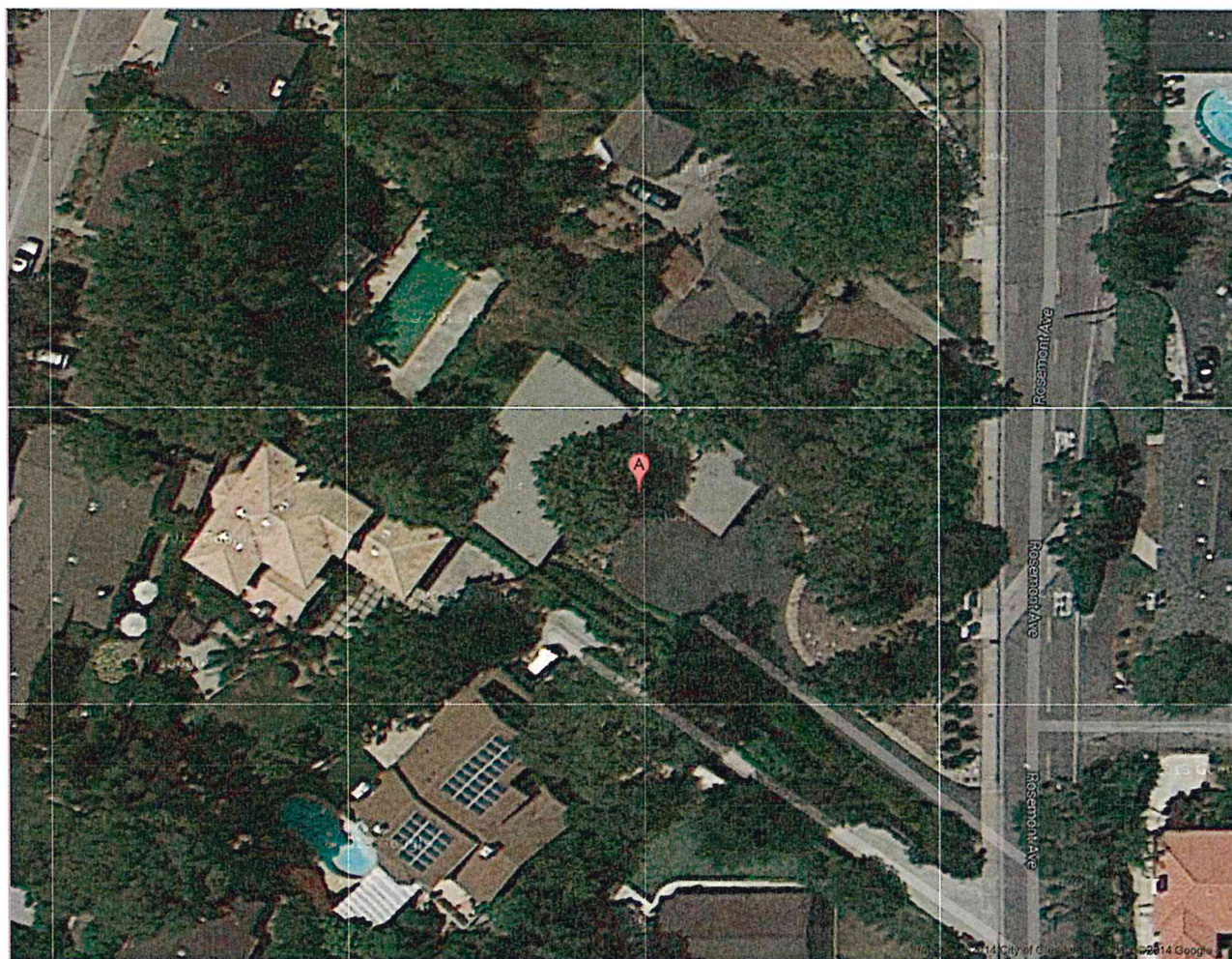
12:00

**CRESCENTA VALLEY WATER DISTRICT
REQUESTED METER TEST**

1. MAKE OF METER Rockwell
2. METER # 34547321 SIZE 1"
3. METER READING AFTER TEST _____
BEFORE TEST 6113830
REGISTER TOTAL _____
4. TEST AT 100 GALLONS 97% ran 3% slow 3 1/4 GALLON A MINUTE
TEST 8.7%
5. TEST AT 10 GALLONS 1/2 GALLON A MINUTE TEST 6.1%
3.9% slow 1.3% slow
6. OVERALL TEST RESULTS % FAST _____ % SLOW _____
7. TESTED BY Cory WHITMAN
DATE 9.17.13
WITNESSED BY Roy SPAULDING



To see all the details that are visible on the screen, use the "Print" link next to the map.



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: Award of Contract for Replacement of Wooden Roof with Steel Roof at Edmond #1 Reservoir, Project E-936

Action Item No. 2
February 4, 2014

ACTION ITEM:

1. Replacement of Roof at Edmond #1 Reservoir - Project E-936

- a. Consideration and motion to authorize the General Manager to award a contract to the lowest responsible bidder, Blastco Inc for the replacement of the existing wooden roof with a new steel roof at Edmond #1 Reservoir at a cost of \$309,930.
- b. Establish a contingency amount of \$30,993 (10% of contract) to cover the cost of unforeseen or additional work.
- c. Consideration and motion to authorize the General Manager to enter into an agreement with Harper & Associates Engineering, Inc to provide professional inspection services for a cost not-to-exceed \$22,190.

BACKGROUND:

Edmond No. 1 reservoir is a 70' diameter circular concrete reservoir that holds 500,000 gallons of water. It has a wood roof which was constructed in 1956. Edmond No. 1 and Edmond No. 2 Reservoirs provide water to Pressure Zone 9 in the Wiley Tract and Briggs Terrace areas.

The reservoir was inspected by Harper Engineering & Associates (Harper) who noted that the existing wooden roof had noticeable sags in the roof and the underside of the wood roof showed areas of wood rot. Staff took the Edmond No. 1 reservoir out of service and met with the Engineering Committee to discuss alternatives to correct the situation.

It was agreed to replace the roof and staff used Harper to prepare plans and specifications for the Project.

DISCUSSION:

On January 4, 2014, the Board authorized the General Manager to advertise for bids for the subject project. A mandatory pre-bid meeting was held on January 22, 2014, and was attended by six (6) contractors. CVWD specifications indicate that only contractors who attended this meeting are allowed to bid on the project.

On January 29, 2014, at 2:00 PM, the District opened and read the following bid proposals for this project:

	<u>Bidder</u>	<u>Total Bid Amount</u>
Low	Blastco, Inc.	\$309,930
2	J. Colon Coatings	\$329,721
3	Crosno Construction	\$370,900
4	Spiess Construction	\$436,300
5	Pacific Titan	Declined to Bid
6	Premier Tank	Declined to Bid

Blastco, Inc. of Downey, CA, was the apparent lowest responsible bidder for the project. The engineer's estimate was \$284,000 and the low bid was 9.1% higher than the engineer's estimate.

The higher bids may be the result that the Edmund No. 1 Reservoir project is a small specialized project within the reservoir rehabilitation industry. The project consists of only the removal of the existing wood roof and replacing with a new steel roof. Overall, the engineer's estimate is within 10% of the lowest bidder for the project. The difference between the engineer's estimate and the low bidder is primarily in the contractor's price for the coating and painting, which are slightly higher than the average industry prices for coating and painting of welded tanks.

The higher prices may be the result of the difficulty of accessing the surfaces around the reservoir due to the uneven terrain and the close proximity of the neighbors, which will require additional dust controls. The prices for the center vent and safety/exhaust vents are also higher.

The contractors were told they could use the existing vents, and the unit prices in the engineer's estimate reflects the vent structures being reused, but the unit prices for the contractors appear to reflect using new appurtenances. This may be because the contractor felt that the vents could not be salvaged without being significantly damaged.

Blastco, Inc. has worked in the past on similar projects with East Bay Municipal Utility District, Rancho California Water District, the City of Lemoore and Paradise Irrigation District. Staff contacted those references and received generally good responses on Blastco Inc's quality of work and completing projects on time.

Inspection Services

CVWD's inspection staff is currently involved with the installation of the new pipeline on Paraiso Way and the rehabilitation of five (5) wells, which are concurrently under construction at the same time as this project, such that, CVWD will not have anyone available for this project.

Staff requested a proposal from Harper to provide inspection services for this project. The scope of work includes shop drawing review, attendance at pre-construction meeting, review of progress pay estimates, daily inspection activities, inspection of roof removal, inspection for construction of the steel roof and columns, and coating inspection. Harper's proposal was for an estimated cost of \$22,190 based on the contractor completing the work within sixty (60) calendar days.

RECOMMENDATION:

It is staff's recommendation to award the project to the lowest responsible bidder, Blastco, Inc. for the replacement of the roof at Edmund No. 1 at a cost of \$309,930. In addition, establish a contingency amount of \$30,993 (10% of contract) to cover the cost of unforeseen or additional work.

It is also staff's recommendation to enter into an agreement with Harper to provide inspection services for this project.

A pre-construction meeting will be set as soon as the contract is awarded, the agreement is signed, and insurance documents have been delivered. Ms. Christina Olmedo will be the Project Manager and Harper Engineering & Associates will provide inspection services. It is anticipated construction will start in late March 2014 and the entire project should be completed by the end of May 2014.

ENVIRONMENTAL REVIEW:

N/A

FUNDING AVAILABILITY:

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

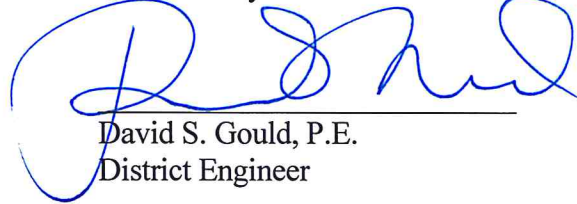
Account Description	Amount
FY 13/14 Water CIP– Water Storage	\$335,000
Contractor's Bid Proposal	<\$309,930>
10% Contingency	<\$30,993>
Harper Engineering & Associates – Inspection Services	<\$22,190>
Subtotal	<u><\$363,113></u>
Additional costs such as design engineering & CVWD engineering labor costs	<u><\$16,887></u>
Total Engineer's Cost Estimate	<\$380,000>
Amount Remaining in Water CIP Water Storage	<\$45,000>
Transfer from Facilities & Planning - Roof Replacement at Old Encinal	\$77,000
Amount Remaining in Water CIP Water Storage	\$32,000

Prepared by:



Christina Olmedo
Assistant Engineer

Submitted by:



David S. Gould, P.E.
District Engineer

Attachments:

1. E-936 – Bid Summary
2. Inspection Services Proposal

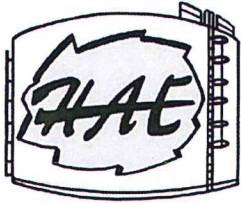
CRESCENTA VALLEY WATER DISTRICT

Title: Edmund No. 1 Roof Replacement Project
 E-936
 Engineer's Estimate: \$284,000
 Project Manager: Christina Olmedo

BID LOCATION: CVWD's Office
 TIME: 2:00 PM
 DATE: 1/29/2014
 BY: _____

CO _____ CHECKED: DSG DATE: 1/29/14

ITEM	DESCRIPTION	QUANTITY	Engineers Estimate		Balstco, Inc.		J. Colon Coatings		Crosno Construction		Spies Construction	
			UNIT	AMOUNT	UNIT	AMOUNT	UNIT	AMOUNT	UNIT	AMOUNT	UNIT	AMOUNT
1	Remove entire existing roof structure, roofing material and 12 steel columns, in accordance to specifications.	1	LS	\$55,000.00	\$24,300.00	\$24,300.00	\$23,500.00	\$23,500.00	\$35,000.00	\$35,000.00	\$104,200.00	\$104,200.00
2	Furnish and install new welded steel roof structure, anchorage and center column, in accordance to specifications	1	LS	\$150,000.00	\$156,980.00	\$156,980.00	\$149,821.00	\$149,821.00	\$226,100.00	\$226,100.00	\$186,600.00	\$186,600.00
3	Furnish and install center vent with fiberglass cover.	1	LS	\$2,000.00	\$3,700.00	\$3,700.00	\$4,200.00	\$4,200.00	\$2,500.00	\$2,500.00	\$4,300.00	\$4,300.00
4	Furnish and install four 24" safety/exhaust fan roof vent.	4	EA	\$1,500.00	\$2,600.00	\$10,400.00	\$3,200.00	\$12,800.00	\$1,000.00	\$4,000.00	\$2,750.00	\$11,000.00
5	Install solar powered fans	4	EA	\$750.00	\$3,000.00	\$8,000.00	\$2,800.00	\$11,200.00	\$2,000.00	\$8,000.00	\$1,600.00	\$6,400.00
6	Furnish and install 36"x36" roof hatch.	1	LS	\$1,500.00	\$1,500.00	\$1,500.00	\$3,200.00	\$3,200.00	\$3,000.00	\$3,000.00	\$2,800.00	\$2,800.00
7	Furnish and install liquid level indicator assembly.	1	LS	\$1,000.00	\$3,700.00	\$3,700.00	\$3,600.00	\$3,600.00	\$3,000.00	\$3,000.00	\$3,900.00	\$3,900.00
8	Furnish and install roof fall restraint cable system.	1	LS	\$2,500.00	\$2,100.00	\$2,100.00	\$2,900.00	\$2,900.00	\$800.00	\$800.00	\$2,600.00	\$2,600.00
9	Prepare surfaces and coat all interior roof surfaces, appurtenances and column with zinc/epoxy system, in accordance with specifications.	1	LS	\$40,000.00	\$62,375.00	\$62,375.00	\$89,800.00	\$89,800.00	\$52,900.00	\$52,900.00	\$79,200.00	\$79,200.00
10	Prepare surfaces and paint all exterior roof surfaces and appurtenances with an epoxy/urethane paint system, in accordance with specifications.	1	LS	\$20,000.00	\$28,875.00	\$28,875.00	\$25,200.00	\$25,200.00	\$32,600.00	\$32,600.00	\$32,800.00	\$32,800.00
11	Furnish all labor, materials and equipment to prepare surfaces and disinfect interior.	1	LS	\$3,000.00	\$8,000.00	\$8,000.00	\$3,500.00	\$3,500.00	\$3,000.00	\$3,000.00	\$2,500.00	\$2,500.00
12	Dehumidification system for interior work, including curing of coatings, in accordance with the specifications				\$3,450.00	\$2,500.00			\$4,000.00		\$3,300.00	
			EE	\$284,000.00	LOW	\$309,930.00	2ND	\$329,721.00	3RD	\$370,900.00	4TH	\$436,300.00



HARPER & ASSOCIATES ENGINEERING, INC.

CONSULTING ENGINEERS

1240 E. Ontario Ave., Ste. 102-312 Corona, CA 92881-8671

Phone (951) 372-9196 Fax (951) 372-9198

www.harpereng.com

PROPOSAL TO

CRESCENTA VALLEY WATER DISTRICT

FOR

PROVDING INSPECTION SERVICES FOR THE INSTALLATION OF A NEW ROOF FOR THE

500,000 GALLON CONCRETE WATER STORAGE RESERVOIR

I. PROJECT DESCRIPTION

A. PROJECT LOCATION

1. The 500,000 partially buried concrete water storage reservoir designated as Edmund No. 1 is to be rehabilitated on a District owned site in La Crescenta, California.

B. SCOPE OF WORK – CONSTRUCTION ASSISTANCE

1. Assist District in conducting Pre-Construction Conference to enable all relevant parties to comprehend scope of project, implementation of specification and District requirements.
 - a. Prepare minutes of Pre-Construction Conference covering all aspects of contractor's questions and clarifications of project and present to all parties.
2. Assist District in review and approval of Contractor submittals and project procedures. Rejected submittals would be supplemented with an explanation of the reason for rejection and requirements for re-submittal.
3. Review all contractor invoices, inspection reports, inspector estimates of percent completion and make recommendations to the District for payment of contractor as appropriate.
4. Assist District in final acceptance of project upon completion of all work by Contractor.

C. SCOPE OF WORK - GENERAL INSPECTION SERVICES

1. Daily Inspection Activity Reports - Shall identify daily start and stop times, size of contractors crew, equipment used, visitors to jobsite, climatic conditions throughout the day, quantity of materials used, work accomplished, periods of Contractor down time and cause, inspection procedures used and results, verification and recording of surface preparation, coating material "batch numbers" mixing, thinning, application

and thickness. All entries shall be dated and timed.

2. Provide as-needed quality control inspection for the demolition of the existing wood roof and the erection of the new steel roof to determine compliance with specifications, plans and submittals. Provide inspection activity reports to the Project Manager.
3. Visual inspection of reservoir roof welds including reinspection after repair of defective joints.
4. Inspect finished surfaces after erection of reservoir for nick, abrasions, etc. and supervise repair.
5. Review and evaluation of welder's credentials and welding procedures.
6. Review and comment of mill certified reports for all materials
7. Observe the contractor for compliance with site and job safety requirements. Inform the District of any concerns or problems concerning site or job safety observed. Direct the contractor to comply with all safety orders.
8. Take photographs during key points in the project to document the construction progress and submit on a CD with the final report.

D. SCOPE OF WORK - QUALITY CONTROL INSPECTION

1. COATING SURFACE PREPARATION INSPECTION - Physical inspection of blast cleaned surfaces to verify compliance to specification, removal of dust, etc.
 - a. Weather conditions will be verified by use of a electronic or manual psychrometer to determine suitability of climatic conditions prior to and during all blast cleaning operations.
 - b. Surface will be observed throughout cleaning operations to determine compliance with specifications.
 - (1) Preliminary Cleaning -
 - (a) Surface will be inspected to verify removal of grease, oil, chemicals etc. after completion of solvent cleaning of surface.
 - (2) Abrasive Blast Cleaning -
 - (a) Inspect blasted surfaces at the end of each day's shift to determine compliance with specification. Physical tests for surface profile will be performed using a K-T Surface Profile Comparator. At completion of blast cleaning each shift, areas not meeting specification will be reblasted and tests again performed. This cycle will be repeated until

surfaces are accepted for coating application.

- (b) Upon completion of above inspection, dust and other surface contaminants will be removed as specified and surfaces visually and physically inspected for compliance to specification.
- 2. PRIME COAT INSPECTION - After approval of surface preparation, ongoing inspection monitors weather condition, Contractor's application equipment and its operation, mixing of primer and physical inspection of prime coat application, including spray techniques, cleanliness of surface, thickness, etc.
 - a. Weather conditions will be verified by use of a sling psychrometer to determine suitability of climatic conditions prior to and during all application operations.
 - b. Contractor's equipment is constantly monitored to determine operation will not contribute to any degradation of application (oil, moisture, etc.)
 - c. Coating materials are inspected for compliance to specification and all mixing/thinning operations are monitored.
 - d. Surfaces are reinspected to verify no dust or other contaminants are on surface and remedial cleaning performed as required.
 - e. After approval of surface, application is carefully monitored to verify coatings are evenly applied at proper thickness and with no overspray to interfere with adhesion.
- 3. FINISH COAT(S) INSPECTION - After approval of prime coat application, ongoing inspection monitors weather condition, Contractor's application equipment and its operation, mixing of coating and physical inspection of coating application, including spray techniques, cleanliness of surface thickness, etc.
 - a. Procedures outlined in 3. above are repeated during application of additional coatings, including careful examination of areas where cleaning penetrated coating film to verify edges of film have not lifted, curled, etc. Where defects exist, additional cleaning will be performed to bring area into compliance with specification and area will be recoated as required.
- 4. FINAL INSPECTION - Requires input at conclusion of finish coatings to insure application, film continuity (holiday detection) and dry film thickness are in complete conformance to specification.
 - a. DRY FILM THICKNESS TESTING:
 - (1) Prior to testing dry film thickness on any given day, Inspector will calibrate his instrument against N.B.S. metal plate standard. No plastic shims will be used. Instrument will be re-calibrated at the beginning of the afternoon session or at any time the instrument may

have been subjected to impact against scaffold, structure, etc.

- (2) The coating is tested to determine it has sufficiently dried to eliminate indentation of the probe into the coating, which subtracts mils from the correct reading. If the coating does deform, the testing will be postponed until the coating is firm enough to prevent deformation by the gauge.
- (3) Dry film thickness measurements will be taken on 3' centers until it is determined deficient readings warrant more tests to truly indicate the thickness of the area. Testing will be performed as deemed necessary to accurately determine the thickness, regardless of what the Contractor may say. If widespread deficiencies are found, the Contractor will be advised to determine if they prefer to proceed with testing after additional material has been applied.
- (4) After completion of the testing and after the Contractor has recoated all of the deficient areas, tests on the recoated areas will be repeated until the minimum dry film thickness is obtained.

b. HOLIDAY DETECTION:

- (1) After completion of dry film thickness testing, all surfaces will be holiday detected, utilizing the specified detector.
- (2) The Tinker-Razor AP or AP-W High Voltage Holiday Detector power pack voltage will be set according to the voltage required in the specification.
- (3) Holiday detection and marking of defective areas will be performed as noted above under "Dry Film Thickness Testing".
- (4) All marked areas are then to be repaired and holiday detection performed again. Re-detection and marking will continue until the surface is holiday-free unless otherwise instructed by the Owner or his Representative.

5. LIMITATIONS OF AUTHORITY

a. Resident Project Inspector:

- (1) Shall not authorize any deviation from the Contract Documents or substitution of materials or equipment, unless authorized by ENGINEER/OWNER in writing.
- (2) Shall not exceed limitations of CONSULTANT'S AUTHORITY as set forth in the Agreement or the Contract Documents.
- (3) Shall not undertake any of the responsibilities of CONTRACTOR, subcontractor or CONTRACTOR'S superintendent.

- (4) Shall not advise on, issue directions relative to or assume control over safety precautions and programs in connection with the work.
- (5) Shall not advise on, issue directions regarding or assume control over any aspect of the CONTRACTOR'S means, methods, techniques, sequences or procedures of construction unless such advice or directions are specifically required by the Contract Documents.
- (6) Shall not accept Shop Drawings or sample submittals from anyone other than CONTRACTOR, and shall immediately deliver such submittals to ENGINEER/OWNER.
- (7) Shall not authorize ENGINEER/OWNER to occupy the Project in whole or in part.
- (8) Shall not participate in specialized field or laboratory tests or inspections conducted by others except as specifically authorized by ENGINEER/OWNER.

b. Definitions:

- (1) ENGINEER/OWNER is intended to apply as a joint reference or a single reference subject to the applicable circumstances.

E. SCOPE OF WORK – SHOP COATING INSPECTION

- 1. Inspection for surface preparation and application of prime coating will be accomplished per the above noted scope of work for Field Coating and Painting Inspection at the shop location. Daily inspection activity reports will be prepared for the days at the shop location as noted in the scope of work above.

II. SCHEDULE

- A. Work noted above would commence at a mutually agreed time upon execution of a written agreement and receipt of a Notice to Proceed.

III. DISTRICT RESPONSIBILITIES

- A. The District shall provide the following items, personnel and/or services to be utilized in connection with this work.
 - 1. The District shall make available to the Consultant reasonable and timely staff input for purposes of conference discussion, reviewing submissions from the Consultant, providing factual information and/or suggestions relating to the work in a manner such that the Consultant may meet the project completion schedule.
 - 2. The District shall provide designated water operations person for access to tank site and unobstructed access to tank interior upon request by the Consultant at time and in

the manner mutually agreed upon as required to accommodate work of Consultant.

3. District will provide payment on monthly progress estimates to the Consultant based upon work accomplished during the previous month or portion thereof.

IV. WORK PRODUCT

- A. The District designee shall at all times have access to the work product of the Consultant while it is under preparation or in progress. Upon completion of the project, all drawings, documents and notes shall become property of the District, including all renderings, slides, sketches and correspondence.

V. DESIGNATED REPRESENTATIVES

- A. Project shall be under direct control of Mr. Krista Harper, P.E., to whom all questions may be directed. It is understood the District's representative will be Ms. Christina Olmedo, who will provide the interface between the District's Staff and Consultant.

VI. COST ESTIMATE

- A. Based on previously noted Scope of Work – CONSTRUCTION ASSISTANCE would not exceed \$2,590 for the project.
- B. Based on previously noted Scope of Work – GENERAL INSPECTION SERVICES- would not exceed \$8,400 for the project.
- C. Based on previously noted Scope of Work - QUALITY CONTROL INSPECTION for the coating and painting phase would not exceed \$8,000 for the reservoir, based on project duration of 15 working days.
 1. The estimate is based on an Inspector working 8 hours per day, 5 days per week, Monday through Friday. Inspection hours are based on the hourly rate of \$52.50 per hour, 2 hrs of travel time and mileage to and from the site.
 2. Should the Contractor complete the above noted coating and painting in less time the inspection costs would be reduced. If the Contractor fails to achieve the schedule, project's completion would be extended accordingly, resulting in additional inspection time and costs.
- D. Based on previously noted Scope of Work Items –SHOP COATING INSPECTION would not exceed \$3,200 based on Inspector working an eight-hour shift for 5 consecutive working days. Inspection hours are based on the hourly rate of \$52.50 per hour and subsistence of \$90 per day and initial travel time and mileage to the shop and final travel time and mileage from the shop.
 1. If the Contractor accomplishes the work in less time the above cost will be reduced. Should the Contractor fail to achieve the schedule, project's completion would be extended accordingly, resulting in additional inspection time and costs
- E. Additional meetings and work as directed by District = Hourly basis

VII. INSURANCE COVERAGES

- A. Consultant will provide and maintain in full force and effect, while operating under an agreement with District, a comprehensive liability insurance policy which shall include bodily injury, and property damage coverage of \$2,000,000 combined single limit, automobile liability insurance with limits of \$2,000,000, worker's compensation insurance with limits of coverage as prescribed by law, and an Errors and Omissions professional liability policy with a minimum limit of coverage of \$2,000,000.

1. Above noted insurance coverages are currently in force with Consultant.

VIII. INDEMNITY

- A. District shall hold Harper & Associates Engineering, Inc., harmless from any and all liability to perform beyond the exact confines of the services offered in this proposal.

IX. ACCEPTANCE OF PROPOSAL

- A. The cost estimate, terms and conditions of this proposal are valid for sixty days from receipt of proposal. Acceptance shall be deemed valid upon receipt by Harper & Associates Engineering, Inc. of the original proposal executed by the District's authorized representative within noted time frame. Acceptance will be in whatever form is routinely used by District.

X. CONFIDENTIALITY OF PROPOSAL

- A. The content of this proposal and any conversations with Consultant regarding this proposal are considered to be confidential and is not for publication, discussion or knowledge of any person or persons who are not employees of District.

XI. TERMINATION OF AGREEMENT

- A. District may terminate this agreement at any time prior to the completion of the services to be furnished by Harper & Associates Engineering, Inc., by giving a written notice of termination to Harper & Associates Engineering, Inc., in which event District shall only pay Harper & Associates Engineering, Inc., as provided herein for work done prior to receipt of such notice of termination, plus the necessary and reasonable cost of termination (not to exceed \$500.00).
- B. In the event District terminates this agreement, Harper & Associates Engineering, Inc., shall furnish District a copy of all work effort and product in progress to the date of termination.

Respectfully submitted,

HARPER & ASSOCIATES ENGINEERING, INC.



Krista Harper
Vice President



INFO ITEM

The Metropolitan Water District of Southern California

NEWS RELEASE

P. O. Box 54153, Los Angeles, California 90054-0153 • (213) 217-6485 • www.mwdh2o.com

Contact: Bob Muir, (213) 217-6930; (213) 324-5213 mobile

Jan. 30, 2014

METROPOLITAN GENERAL MANAGER ISSUES STATEMENT REGARDING GOVERNOR BROWN'S MEETING WITH SOUTHERN CALIFORNIA WATER LEADERS

Jeffrey Kightlinger, general manager of the Metropolitan Water District of Southern California, issued the following statement regarding today's meeting with Gov. Edmund G. Brown Jr. to provide an overview of statewide drought conditions and water management actions:

"The dry conditions facing California are unprecedented, and this region stands united with the governor in supporting his call for a statewide approach to a statewide problem. His message shows that California must be serious about addressing its short- and long-term water problems.

We recognize the importance of approaching this challenge as one state with a common purpose. Metropolitan plans to respond in the coming weeks with the following proposed water management actions in consultation with the leadership of our Board of Directors;

- Declaring a formal water supply alert that embraces the governor's call on all Californians to voluntarily reduce water use by 20 percent.
- Doubling Metropolitan's conservation budget from \$20 million to \$40 million to provide more incentives for reducing water use.
- Exploring all achievable means to utilize Metropolitan's water and other resources to help address water supply challenges elsewhere in the state.

Southern California water agencies have aimed to make conservation a local way of life. The city of Los Angeles, as a shining example, has maintained mandatory conservation measures since 2009. But what the state is facing right now is truly unprecedented. Southern California must continue to lead by example and partner with the rest of the state by all means feasible."

###

The Metropolitan Water District of Southern California is a cooperative of 26 cities and water agencies serving nearly 19 million people in six counties. The district imports water from the Colorado River and Northern California to supplement local supplies, and helps its members to develop increased water conservation, recycling, storage and other resource-management programs.

BEVERLY HILLS (CBSLA.com) — California's ongoing drought is forcing Governor Jerry Brown to start a so-called "water war" between the north and the south.

The governor revealed Wednesday he's prepared to move water from Southern California to drier areas of the state as conditions worsen.

Speaking exclusively to KCAL9 political reporter Dave Bryan outside an engagement in Beverly Hills, Brown said it could be necessary to implement drastic measures to alleviate communities at risk of running out of water.

"Make no mistake, this is a mega-drought. It's serious. We don't know how long it will go on, but we have to take real precautions going forward," he said.

Brown also discussed a conversation he had with President Obama about getting federal assistance on Wednesday — a day when 17 water agencies across California are in danger of running out of water altogether in the next 60 to 100 days.

"The president called me today. He offered to do whatever he can do. He obviously can't make it rain," he said. "But there are some parts of California that are more privileged from the point of view of water availability than others. So we have systems. We can transfer it. But there are a lot of water rights, a lot of rules, so we've got to cut through that and make sure that those who need it most get the water to the extent we have it available."

The White House put out a press release about the phone call to Brown from President Obama, in which the president "reinforced his commitment to providing the necessary federal support to the state and local efforts."

Although the governor did not discuss the logistical details about the water transfers, he expressed a sense of urgency in getting it done.

"I'm meeting with some water officials tomorrow. I'll be going to Sacramento and meeting with officials there. So as quickly as we can we will make it happen," he said.

As the drought crisis seemingly grows worse by the hour, the political news for Brown meanwhile appears to get better and better.

His job approval rating among likely voters in a new poll by the Public Policy Institute has now reached 60 percent.

Some republicans believe it's because Brown has stolen their thunder on budget issues

"He's benefiting from the fact that while he is a registered democrat, all of his rhetoric lately has been republican. He has been Mr. 'No New Taxes', albeit he has signed a lot of taxes, but he's creating a situation where he's giving republicans as well as democrats a reason to like him," Jon Fleischman, Founder and Publisher of Flashreport.org, said.

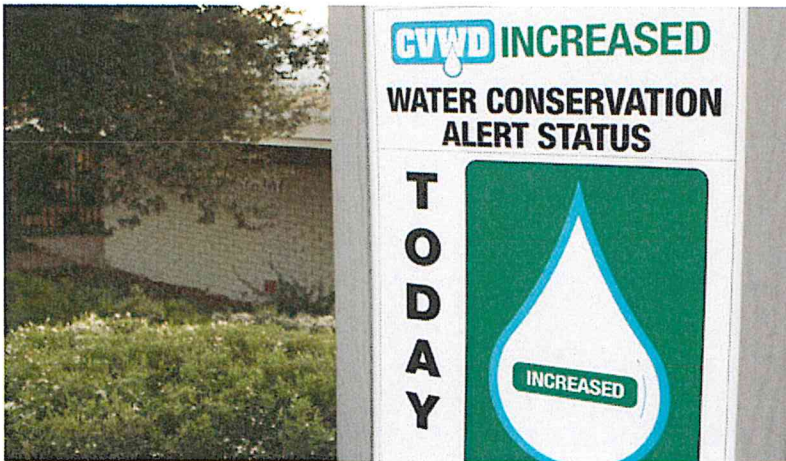
Now many political analysts, like Cal State L.A. professor emeritus Jaime Regalado, believe Brown is a shoe-in for a second term if he wants it.

"I think what they [voters] really like... he seems to be the steady, mature hand in the state. And they'll reward him because of that," Regalado said.

State agencies are taking action this week on the drought.

CalFire has hired 125 additional firefighters to deal with the problem of wildfires spreading.

The Department of Fish and Wildlife has also banned fishing now in some low water rivers and streams to protect the native fish in the area. Gov. Brown will discuss the severe drought with Southland water leaders in a closed-door meeting Thursday morning in Los Angeles.



INFO ITEM

By Jessy SHELTON

Water conservation alert was raised by the CVWD board on Tuesday following Governor Jerry Brown's drought declaration.

By Mary O'KEEFE

Gov. Jerry Brown officially declared California in a drought on Friday, Jan. 17 stating that state officials will take all the necessary actions to prepare for drought conditions.

"We can't make it rain, but we can be much better prepared for the terrible consequences that California's drought now threatens, including dramatically less water for our farms and communities and increased fires in both urban and rural areas," Brown stated in a press release. "I've declared this emergency and I'm calling all Californians to conserve water in every way possible."

In the governor's State of the State address on Wednesday, Brown said, "Among all our uncertainties, weather is one of the most basic. We can't control it. We can only live with it, and now we have to live with a very serious drought of uncertain duration."

He called upon Californians to conserve water, which has been echoed by both Glendale Water and Crescenta Valley Water districts.

On Tuesday, GWP issued a statement asking customers to "increase their water conservation efforts and decrease water consumption." The agency is not making any water restrictions mandatory due to the ongoing "efforts to dramatically lower demand and Metropolitan Water District's significant investments in storage and infrastructure in recent years to capture water supply in wet years."

"At this time we are encouraging all residents to be more mindful of how much water they are using," stated Steve Zurn, general manager of GWP.

Crescenta Water District board voted on Tuesday to raise the Water Conservation Alert Status from awareness, which is blue, to "increased water conservation alert status," which is green.

"We are going to request residents water [their lawns] on even days if your address ends in an even number," said Christie Scott, CVWD spokesperson.

Residents with addresses that end on an odd number can water on odd days. CVWD wants residents to water their lawns three days a week to help conserve.

Although the state is in a drought, Southern California is in better shape than in the past.

"One of the messages we have heard from MWD is that Southern California has spent over \$12 billion to reinforce the water supply. ... That will take the edge off of this being a real critical problem," said Dennis Erdman, CVWD general manager.

But even with the proactive methods of MWD, the concern is the duration of the drought and, of course, as dry conditions continue – future droughts.

The normal rainfall for downtown Los Angeles in January is 3.12 inches; this January the rainfall has been zero.

California drought: 17 communities could run out of water within 60 to 120 days, state says

By Paul Rogers progers@mercurynews.com San Jose Mercury News

Posted:

MercuryNews.com

As California's drought deepens, 17 communities across the state are in danger of running out of water within 60 to 120 days, state officials said Tuesday.

In some communities, wells are running dry. In others, reservoirs are nearly empty. Some have long-running problems that predate the drought.

The water systems, all in rural areas, serve from 39 to 11,000 residents. They range from the tiny Lompico County Water District in Santa Cruz County to districts that serve the cities of Healdsburg and Cloverdale in Sonoma County.

And it could get a lot worse.

"As the drought goes on, there will be more that probably show up on the list," said Dave Mazzera, acting drinking-water division chief for the state Department of Public Health.

Most of the affected water districts have so few customers that they can't charge enough money to pay for backup water supplies or repair failing equipment, leaving them more vulnerable to drought than large urban areas.

The state health department compiled the list after surveying the more than 3,000 water agencies in California last week. The list will be updated weekly, Mazzera said.

State health officials are in discussion with leaders of other agencies, including the state Office of Emergency Services and the Federal Emergency Management Agency, to work on immediate solutions, he added. Those could include everything from trucking in water to the health department providing emergency funds for drilling new wells or connecting faltering systems to other water systems.

A similar list of vulnerable communities was compiled during California's last drought, which lasted from 2007 to 2009. But the current drought is more severe. Less rain fell in 2013 than in any year since California became a state in 1850.

Even though some rain is forecast for Thursday, major storms are desperately needed this winter and spring to replenish depleted reservoirs, rivers and the Sierra Nevada snowpack -- which on Tuesday stood at 14 percent of normal.

"This is a statewide drought. This is a serious drought," Bill Croyle, director of the state Drought Task Force, said Thursday. "It's all hands on deck."

Croyle, an official with the state Department of Water Resources, made his remarks at a meeting of the Delta Stewardship Council, a state board of water experts.

Asked by board member Hank Nordhoff, a San Diego businessman, where the water will come from to bail out small systems, Croyle said he's working on it.

"You are going to get it wherever you can get it," he said.

Retorted Nordhoff: "That's a frightening reply."

Croyle cited the possibility of new pipe connections to other water systems and trucking in water.

"On the Central Coast, they have in the past looked at desalination," he added. "So if we lose our groundwater and surface water, we are going to go to the ocean. It is going to be expensive, but you bring in mobile plants and fire them up."

Since California's last major drought, which ran from 1987 to 1992, most major urban areas have spent millions of dollars to store water underground, fund conservation programs, build new reservoirs and construct wastewater recycling plants. As a result, their residents are feeling little effect so far.

On Tuesday, the San Francisco Public Utilities Commission announced a voluntary 10 percent cutback for its 2.6 million customers in San Francisco, San Mateo, Santa Clara and Alameda counties. Similarly, the Santa Clara Valley Water District has requested a 10 percent voluntary cutback. Others, like the Contra Costa Water District and the East Bay Municipal Utility District, have not yet asked customers to meet conservation targets.

The story is different in many rural areas.

Lompico County Water District, in the Santa Cruz Mountains near Felton, has long-standing water supply issues and is exploring a possible merger, but so far has been stymied by nearly \$3 million in needed upgrades -- a hefty bill for the district's 500 customers.

"We have been unable to take water out of the creek since August and well production is down, and we didn't have that much water to begin with," said Lois Henry, a Lompico water board member.

Henry said she hopes the state comes with funding to help the agency find more reliable water. The district could soon have to begin trucking in water, she said.

"I'm frankly worried," Henry said. "I know people turn their faucet on and say, 'Oh, everything's fine.' And I know it's not."

In Cloverdale, where 9,000 Sonoma County residents draw their water from four wells, low flows in the Russian River prompted the City Council last week to put in place mandatory 25 percent rationing, which includes a ban on lawn watering. The city raised water rates 50 percent to put in two new wells, which should be completed by July, said City Manager Paul Caylor.

"Hopefully," he said, "we'll be able to get through the summer and the development of this project will pay off."

Santa Cruz Sentinel reporter Jason Hoppin contributed to this report. Paul Rogers covers resources and environmental issues. Contact him at 408-920-5045. Follow him at [Twitter.com/PaulRogersSJMN](https://twitter.com/PaulRogersSJMN)

glendalenewspress.com/news/tn-gnp-water-plants-every-other-day-cvwd-says-20140125,0,6842172.story

Glendale News Press

Water plants every other day, CVWD says

Utility makes request after governor's call to reduce water use.

By Brittany Levine, brittany.levine@latimes.com

3:34 PM PST, January 25, 2014

Crescenta Valley Water District customers have been asked to water their lawns and plants every other day [following Gov. Jerry Brown's call to California residents](#) to reduce water consumption by 20% in the wake of a statewide drought warning.

advertisement

Officials announced the decision Friday in a press release following a board of directors meeting earlier in the week. The Board of Directors had considered a proposal to implement water conservation measures last year, but decided against it at that time.

Officials are also requesting customers to water before 9 a.m. and after 5 p.m.

The Crescenta Valley Water District board decided to limit watering during the week following a request by the Foothill Municipal Water District, which provides the Crescenta Valley with water.

The Crescenta Valley district covers parts of Glendale, La Crescenta, Montrose and La Cañada Flintridge.

Crescenta Valley customers have reduced their historical consumption by more than 20% since 2010, according to the statement.

Crescenta Valley Water District's announcement comes after [Glendale Water & Power officials recommended customers limit irrigation to three times a week](#). Glendale Water & Power also made a variety of other suggestions, such as limiting showering to five minutes, but like Crescenta Valley, the utility does not plan to order mandatory conservation.

The last time Glendale implemented a mandatory conservation policy was in 2009.

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Follow Brittany Levine on [Google+](#) and on Twitter: [@brittanylevine](#).

ALSO:

[Glendale to investigate claims by resident pulled over repeatedly by police](#)

info item

Dennis Erdman

From: Rita Sudman [RSudman@watereducation.org]
Sent: Tuesday, January 28, 2014 9:15 AM
To: Rita Sudman
Subject: Invitation to Water 101 - The Basics and Beyond
Attachments: image001.gif; image004.jpg

Hello: Today I am contacting you to invite you to join me in a special course explaining water issue in this critically dry year.

Water 101 – The Basics and Beyond.

This *day and a half* course on California water basics and water district board member governance will be held **February 18 and 19** on the **Davis campus of the University of California**. The course will run from 8:30 a.m. to 4:30 p.m. February 18 and 9 a.m. to 12:30 p.m. February 19. *I have attached the full agenda and the course announcement*

This year the featured speaker is **David Sedlak**, author, *Water 4.0: The Past, Present, and Future of the World's Most Vital Resource*. *I actually heard David being interviewed on NPR recently and realized he would be perfect for this class.* He graciously agreed to speak about his just released book. This enlightening new book discusses the three historical revolutions in urban water systems and the policies and technologies to reinvent our water systems.

Top Speakers include:

Lester Snow, state and federal appointee and veteran of the California water wars, discussing the declining ecosystem in this drought year and the crisis of ground water management
Dennis O'Connor, Senate Committee on Natural Resources and Water, giving insights on working with and understanding the state legislature in the current interesting year
Byron Buck, State and Federal Contractors Water Agency, addressing the state's water geography, hydrology and major water delivery systems

Educational sessions the *first day* will include discussions on:

- California's natural water environment
- California's water rights systems
- Water demand and use
- Current issues in water management including drought and groundwater management
- The legal and institutional management framework

On the *second day* participants will be provided with:

- A **governance primer** for water district directors that will include the roles and responsibilities of a director, legal requirements of board members and points on understanding the news media.

Cost: \$250. Registration fee includes all educational materials, coffee breaks, lunch on February 18, and a *graduation certificate* upon completion of the day and a half course. **Scholarships are available on a case-by-case basis.**

Contact us at the Water Education Foundation for more information: 916-444-6240 or feedback@watereducation.org

INFO ITEM

Q&A EMAIL



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INDOORS

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INFO ITEM

THE SOUTHERN CALIFORNIA WATER COMMITTEE

SCWC WATER BLOG

NEWSLETTERS

PRESS RELEASES

OP-EDS

SCWC Board Urges Regional Conservation to Help Combat Statewide Drought

FOR IMMEDIATE RELEASE:
January 29, 2014

SCWC Board Urges Regional Conservation to Help Combat Statewide Drought *Drought Underscores Need to Invest in Water Delivery System & Unite as a State*

Los Angeles, CA – The Southern California Water Committee (SCWC) announced that its Board of Trustees unanimously approved supporting Gov. Jerry Brown's emergency drought declaration and is encouraging Southern Californians to support the call for additional voluntary water conservation, as the state experiences record dry conditions.

"While different regions of California will experience the drought differently, we are one state," said Charles Wilson, chairman of Southern California Water Committee. "We encourage our members and all Southern Californians to do everything they can to increase their conservation efforts."

On January 17, 2014, Gov. Jerry Brown declared a formal drought emergency and called for a voluntary 20 percent reduction in water use. 2013 topped the charts for California's driest year yet on record and officials are anticipating that 2014 will be another dry year. Recent snowpack measurements in the Sierra Nevada mountains, the source of water for 25 million Californians, found water content at just 20 percent of average for this time of year, tying 2012's measurement as the lowest ever recorded.

SCWC will be convening regional workshops to explore how Southern California can assist in statewide drought planning, including facilitating water transfers, mutual aid agreements, emergency interconnections, innovative rate structures, indoor water use efficiency incentives/programs, and outdoor conservation programs such as turf removal, etc. SCWC has hosted workshops and technical sessions in the past year on capturing stormwater and recycling wastewater to increase regional local groundwater supplies.

Southern California has made great strides in conservation throughout the past two decades, making significant investments in storage, recycling, and stormwater capture projects, and by encouraging residents to use less with incentives/rebates and public education programs. Approximately \$12 billion has been invested since 1995. Despite adding approximately three million people to the region's population during the past 20 years, water use in Southern California has remained relatively the same. During that time period, Southern California water agencies, residents and businesses conserved an impressive amount of water – 900,000 acre feet – enough water for 1.8 million families for an entire year. And, Southern California recycles more wastewater for local supplies than anywhere else in the United States.

According to the California Department of Water Resources, daily urban water use in the major metropolitan areas of Southern California averages 187 gallons per person, one of the lowest reporting regions in the state. The City of Los Angeles, for example, has the lowest per capita water use out of all United States cities with a population of more than one million. And, the City of Long Beach has replaced more turf, per capita, than any other California city.

"Southern Californians have made conservation a way of life but clearly we can all do more," added Wilson. "This is an unprecedented drought that will require extraordinary actions by all California residents."

Southern California water agencies will continue implementing water efficiency programs, including:

- District-implemented recycled water programs that generate thousands of acre feet of reusable water
- Outdoor water use restrictions, such as prohibiting irrigation between certain daytime hours
- Rebates for water-saving devices and appliances, rain barrels, turf removal, etc.
- Tips for water-wise landscaping
- Free materials for hotels and motels to encourage reuse of towels and linens
- In-school educational programs to teach younger water users best practices of conservation
- Requirements to report leaks and other water-wasting activities

Most local water agencies provide extensive water-saving tips on their websites. Consumers can also find information at www.saveourh2o.org.

Beyond continuing conservation and developing more local water supplies, the drought clearly underscores the long-term need to invest in a more reliable water delivery system that allows us to access and protect the state's primary water source – snowpack from the Sierra Nevada mountains that supplies one third of Southern California's water – when it is plentiful, so that it can be stored and used as needed during extended dry periods. Regulatory restrictions in place today do not allow water managers to always capture excess water when it's available. For example, in late 2012 and early 2013, water agencies were not able to capture 800,000 acre-feet of water from heavy storms due to environmental restrictions. That's the equivalent of the household water needs for more than four million people for a full year.

Additionally, this delivery system relies on 100-year old dirt levees to usher water from the Sierras through the Sacramento-San Joaquin Delta. The antiquated system could fail in the event of an earthquake or other natural disaster, cutting off a major source of Southern California's water supply for up to one year. The proposed Bay Delta Conservation Plan (BDCP) would modernize the antiquated infrastructure, constructing two new tunnels under the Delta, to make this vital water supply accessible during wet periods, in addition to safely protecting it from earthquakes and other natural disasters.

The BDCP is an important step toward ensuring a safe, adequate supply of water for all Californians. For more information, check out SCWC's infographic "The Simple Story" or www.baydeltaconservationplan.com.

Established in 1984, the Southern California Water Committee is a nonprofit, nonpartisan, public education partnership dedicated to informing Southern Californians about our water needs and our state's water resources. Spanning Los Angeles, Orange, San Diego, San Bernardino, Imperial, Riverside, Ventura and Kern counties, the SCWC's members include representatives from business, government, agriculture, water agencies, labor and the general public. Visit us at www.socalwater.org and find us on Facebook.

INFO ITEM

latimes.com/opinion/editorials/la-ed-new-drought-20140126,0,7229717.story

latimes.com

Editorial

California's drought, times three

The state is facing three distinct water crises, each requiring its own emergency and long-term responses.

By The Times editorial board

January 26, 2014

Southern Californians are facing not one drought but three, interconnected yet distinct, each bringing its own hazards and each requiring its own emergency and long-term responses. advertisement

The first drought is regional, caused by the lack of rain in our own mountains and our own backyards. In normal winters — or rather those we have come to accept as normal — storms blow south from the Gulf of Alaska, churning in a counterclockwise direction and keeping much of their stored water in the air until they move inland from the west and run smack into the San Gabriel Mountains. When they lack enough energy to push over the peaks, they dump their water — in torrents that rush down the mountainsides, feed seasonal rivers such as the Los Angeles, replenish groundwater basins and, occasionally, cause havoc.

The winter rain falls not just on the slopes but throughout the basin and the valleys that make up the geographic triangle outlined by the mountains and the coastline. That's the water that soaks into our backyards and landscapes and lessens the need for sprinklers. It's the water that also soaks into natural oaklands and scrublands, and when it goes missing — as it has for three winters now — the ground dries out, the trees and chaparral get dangerously crisp and wildfire becomes an increasing danger.

That's the hazard Southern California faces in the coming months. The recent Colby fire north of Glendora may have been started, as prosecutors allege, by three men carelessly smoking marijuana in the foothills, but it spread quickly and frighteningly because of the tinder-dry conditions. Without substantial rainfall in February and March, we can expect more fires like that one in the summer and fall fire seasons.

Other than extra caution by residents and vigilance and expertise on the part of professional firefighters, there is little Southern Californians can do about this regional drought beyond hoping for rain.

The second drought is different but related. The same Gulf of Alaska system that usually sends rain south of the Tehachapis also sends storms across the Central Valley and into the higher, colder Sierra Nevada, where the water falls as snow and forms California's greatest natural reservoir, releasing its water later in the year in manageable, and useful, seasonal pulses. More often than not, that's the water that comes out of the tap here, brought to Los Angeles households from Eastern Sierra snowmelt through the Owens River and the aqueduct for which the centenary was celebrated a few months ago; and it's the water that comes to us, and to all of Southern California, plus Silicon Valley, much of the coast and Central Valley fields and homes, from Western Sierra snowmelt that flows from the Sacramento River to the Sacramento-San Joaquin River Delta and to the California Aqueduct.

The Northern California drought does little to affect fire danger here but a great deal to affect the supply of water to homes and businesses. Southern California is unlikely to go thirsty this year because it has water reserves banked around the region. But it's worth noting that although the winter snowpack is down by 80%, Gov. Jerry Brown's drought declaration called for only a 20% decrease in water use.

It may seem counterintuitive to let lawns turn brown and gardens dry up in such dangerous conditions. But conservation is nevertheless crucial to address the problems caused by the drought in the Sierra.

The third drought is occurring across the Western United States, and especially in the Rocky Mountains, which feed the Colorado River and by extension the other major component, after the Central Valley, of California's agricultural wealth. It also forms a major part of Los Angeles' water portfolio.

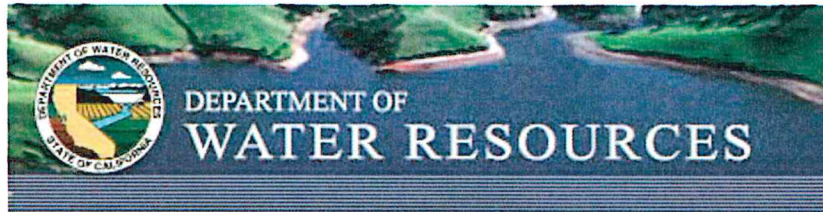
Because these three droughts are interconnected, we rarely suffer from one without dealing with the others, and this year's situation is no different. The vast majority of Californians rely on water that falls in other parts of the state, or even outside the state, and although the multiple sources make water more secure for all of us, shortages usually come all at once.

Southern California must prepare for the future by recapturing more of the rainwater that in wetter years still runs, unused, to the sea. It must do even more than is already being done to clean and reuse urban water. We will likely need a storm water bond, tax or other measure. We may have to build new dams to store water for future use without drying up rivers and destroying the ecosystem, as dams in California historically have done. A statewide water bond, which voters will consider in November, should help clean up groundwater basins here to allow residents to rely more on local supplies and less on the Sierra — although distant snowmelt must always be a part of the entire state's water portfolio.

That means diverting some of the delta's water with pumps that do less damage to endangered fish and rely less on earthquake-vulnerable levees. The kind of system envisioned by the Bay Delta Conservation Plan would help all parts of California deal with global climate change and its inevitable result: precipitation that falls on the Sierra less like the snow that generations have come to rely on and more like the rain that comes, when it does, to Southern California in unmanageable torrents.

These measures are needed not merely for drought years like this one. But the trio of droughts serves as a reminder of the urgent need for action — to plan, to conserve, to store, to reuse, to transport and to share the state's most precious resource.

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INFO ITEM

NEWS FOR IMMEDIATE RELEASE

January 28, 2014

Ted Thomas, Information Officer – (916) 653-9712
tthomas@water.ca.gov

Doug Carlson, Information Officer – (916) 653-5114
Paul.Carlson@water.ca.gov

Elizabeth Scott, Information Officer – (916) 712-3904
Elizabeth.Scott@water.ca.gov

DWR's Second Snow Survey of Winter Set for January 30

SACRAMENTO – As winter slips away, the Department of Water Resources (DWR) expects to find far less snow than normal for the date when it conducts its second snow survey of the winter on Thursday.

California's stubborn drought, pushing into its third year, has left the Sierra largely bare of snow and the state's reservoirs low.

Storms finally breaking through a coastal high pressure ridge largely blamed for dry conditions are expected to bring some snow to higher elevations before Thursday's snow survey, but not enough to dent the drought. Still, conditions may be better than on January 3 when the first survey of the season found more bare ground than snow.

Manual and electronic readings on January 3 measured water content in the statewide snowpack at only about 20 percent of average for the date and a scant 7 percent of the April 1 average when it's normally at its peak.

Today, before the anticipated moderate storms, electronic readings indicate that statewide, snowpack water content has dropped to 10 percent of normal for the date and 6 percent of the April 1 seasonal average.

The snowpack normally provides about a third of the water used by the state's farms and cities.

California faces a triple threat of mostly dry forecasts, almost no mountain snow and low reservoirs.

"While we can only hope for wet weather," said DWR Director Mark Cowin, "we can act positively to conserve as much water as possible. Water conservation today is an absolute must."

The reservoir storage from winter 2012 storms that got most of California through last year's record dry weather is depleted, with each day reducing the odds that this winter will bring drought-ending precipitation.

Lake Oroville in Butte County, the State Water Project's (SWP) principal reservoir, is only at 36 percent of its 3.5 million acre-foot capacity (54 percent of its historical average for the date). Shasta Lake north of Redding, California's and the federal Central Valley Project's (CVP) largest reservoir, also is at 36 percent of its 4.5 million acre-foot capacity and 54 percent of its historical average for this time of year. San Luis Reservoir, a critical south-of-Delta pool for both the SWP and CVP, is at a mere 31 percent of its 2 million acre-foot capacity (39 percent of normal for the date).

On January 17, Governor Edmund G. Brown Jr. declared a state of drought emergency and called on local water suppliers and municipalities to implement their water shortage contingency plans. He also directed State officials to respond to the state's drought conditions by taking all necessary actions, including facilitating water transfers and reducing water use at government facilities.

The news media may accompany DWR snow surveyors near Echo Summit on Thursday. The site is Phillips Station at Highway 50 and Sierra at Tahoe Road, approximately 90 miles east of Sacramento. Reporters and photographers should bring snowshoes or cross-country skis and park their vehicles along Highway 50. Measurements will begin at 11 a.m. and results should be available by early afternoon.

Electronic snowpack readings are available on the Internet at:

<http://cdec.water.ca.gov/snow/current/snow/index.html>

Reservoir conditions are found here:

<http://cdec.water.ca.gov/cgi-progs/reservoirs/RES>

Everyday water conservation tips may be found by clicking on Save Our Water at:



info item

Dennis Erdman

From: cheryl@thecvcouncil.com
Sent: Tuesday, January 28, 2014 2:52 PM
To: jc.ambrose@yahoo.com; Dennis Erdman
Cc: mbush@planning.lacounty.gov
Subject: RE: Proposed AT & T Project -5041 Cloud Ave.

Dear Mr. Ambrose,

I did get the copy of the site plan and photo sims from Michele Bush in Planning, but the remaining Planning documents are not available until two weeks prior to the hearing date, which is not until tomorrow. I am at a loss as to how the (Crescenta Valley Town Council's) Land Use Committee can hold a public meeting and make a recommendation to the Town Council and Planning when we only meet once a month and the only prior notice for this was received after our January meetings. The next regularly scheduled Land Use meeting is February 13, but the next Town Council meeting is not until February 20, which is after your hearing date on the 18th.

Regardless, the Land Use Committee would like to meet with you to tour the proposed site and discuss and ask questions regarding the proposed plan. I assume you'll need to coordinate with the CV Water District as the site is on their property. As volunteers, it is very difficult for our membership to do a site visit during normal work hours M-F. Are you able to meet us on the site sometime this Saturday, February 1 or at noon or 1:00 PM on Sunday, February 2? Please feel free to contact me regarding scheduling.

I would also like to extend an invitation for you, and CVWD representatives, to attend and make a presentation to the Land Use Committee and the Public on **Thursday, February 13, 6:30 PM**, in the La Crescenta Library's Community Room (2809 Foothill Blvd.). The site visit and the LU meeting are completely voluntary, but we will be notifying neighbors around the proposed project site that they can attend the LU meeting to hear your presentation, ask questions, and voice any concerns or support.

I appreciate you for reaching out to us and following up on this proposed project. Please feel free to contact me by email or phone. Thank you!

Cheryl Davis
Chair of the Crescenta Valley Town Council's Land Use Committee
(818) 970-0976 cell

| ----- Original Message -----

| **From:** Jerry Ambrose [mailto:jc.ambrose@yahoo.com]

Sent: Saturday, January 25, 2014 12:00 PM
To: contact@thecvcouncil.com
Subject: Re: Proposed AT & T Project -5041 Cloud Ave.

Hi Cheryl,

Checking back in. Did you have an opportunity to discuss with Michele @ LA County Planning?

Thank you,

Jerry Ambrose

Wireless 1 Consulting Services, Inc.

3905 State St., Suite 7-188

Santa Barbara, CA 93105

phone: (805) 637-7407

fax: (805) 898-0069

email: jambrose@wireless01.com

From: Jerry Ambrose <jc.ambrose@yahoo.com>

To: "contact@thecvcouncil.com" <contact@thecvcouncil.com>

Sent: Sunday, January 12, 2014 3:57 PM

Subject: Proposed AT & T Project -5041 Cloud Ave.

Hello,

I am processing a CUP for a proposed AT & T wireless facility @ 5041 Cloud Ave (CVWD Water District property). LA County Planning has asked me to contact you regarding this project.

Please call or email me with any questions/comments - my contact information is provided below.

Thank you,

Jerry Ambrose

Wireless 1 Consulting Services, Inc.

3905 State St., Suite 7-188

Santa Barbara, CA 93105

phone: (805) 637-7407

fax: (805) 898-0069

email: jambrose@wireless01.com