

# **CRESCENTA VALLEY WATER DISTRICT**

**2700 Foothill Boulevard  
La Crescenta, California**

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

**Posted: July 2, 2015 at 3:00 p.m.**

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

## **Call to Order and Determination of Quorum**

## **Pledge of Allegiance**

## **Adoption of Agenda**

## **Public Comments**

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

## **Foothill Municipal Water District Report**

1. Report on activities at Foothill Municipal Water District.

## **Consent Calendar**

1. Consideration and approval of the Minutes of the Adjourned Regular Meeting on June 21, 2015.
2. Consideration and approval of the Minutes of the Special Meeting on June 30, 2015.

## **Action Calendar**

The public shall have an opportunity to comment on any action item as each item is considered by the Board prior to action being taken. This opportunity is non-transferable and speakers are limited to one two (2) minute comment.

1. **Installation of Chlorination Building at Williams Reservoir, Project E-733CS-2** – Consideration and motion to authorize the General Manager to award a contract to General Consolidated Constructor, Inc. for the installation of the chlorination building at Williams Reservoir at a cost of \$173,000 and establish a contingency amount of \$17,300 (10% of contract) to cover the cost of unforeseen or additional work.
2. **Lower Pickens Canyon Pipeline Crossing Repair, Project E-940** – Consideration and motion to authorize the General Manager to enter into an agreement with AMEC Foster Wheeler for the inspection and evaluation of the Lower Pickens Canyon Pipeline Crossing at a cost not-to-exceed \$10,109.

## **Information Items**

## **Written Communications to District**

## **Staff Reports**

### **Secretary-Treasurer**

1. Cash and Investments

**General Manager**

1. Administrative Report.

**District Engineer**

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

**Program Specialist**

1. Report of Water Conservation issues.

**Information Technology**

1. Report of Information Technology issues.

**Attorney**

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

**Reports of Committees**

**Engineering Committee**

1. Consideration of engineering issues affecting the District.

**Finance Committee**

1. Consideration of financial issues affecting the District.

**Employee Relations Committee**

1. Consideration of employee relations issues affecting the District.

**Policy Committee**

1. Consideration of policy issues affecting the District.

**Community Relations/Water Conservation Committee**

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

**Emergency Planning Committee**

1. Consideration of emergency planning issues affecting the District.

**Director's Oral Reports**

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

**Closed Session**

- **Conference with Legal Counsel**

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

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

**Adjournment**

**CRESCENTA VALLEY WATER DISTRICT**  
**ADJOURNED REGULAR MEETING, BOARD OF DIRECTORS**  
**June 16, 2015**

Pursuant to the order of the Board of Directors of the Crescenta Valley Water District, made at the Regular Meeting of June 2, 2015, an Adjourned Regular Meeting was held on June 16, 2015, at 6:00 p.m. at the District office at 2700 Foothill Blvd., La Crescenta, California, with President Kenneth R. Putnam presiding.

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

|                             |                                                                                                                                                                                                                    |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Directors:</b>           | <b>James D. Bodnar</b><br><b>Michael L. Claessens</b><br><b>Kerry D. Erickson (Absent)</b><br><b>Kenneth R. Putnam</b><br><b>Judy L. Tejeda</b>                                                                    |
| <b>Attorney:</b>            | <b>Thomas S. Bunn</b>                                                                                                                                                                                              |
| <b>General Manager:</b>     | <b>Thomas A. Love</b>                                                                                                                                                                                              |
| <b>Secretary-Treasurer:</b> | <b>Ron L. Mitchell</b>                                                                                                                                                                                             |
| <b>District Engineer:</b>   | <b>David S. Gould</b>                                                                                                                                                                                              |
| <b>Others Present:</b>      | <b>Mark Hass, IT Manager</b><br><b>Wendy Holloway, Customer Accounts Supervisor</b><br><b>Christy Scott, Program Specialist</b><br><b>Larry Byers, Superintendent</b><br><b>Kathy Ross, FMWD Board of Director</b> |

**PLEDGE OF ALLEGIANCE**

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

**ADOPTION OF AGENDA**

**It was moved by Director Bodnar, seconded by Director Tejeda and carried by a 4-0 vote that the Agenda for the Adjourned Regular Meeting of June 16, 2015 be adopted as presented.**

**PUBLIC HEARING** – President Putnam opened the hearing for the proposed water rate increase at 6:03 p.m. and informed the customers that the Board will not be voting on the rate increase tonight. Mr. Mitchell then gave a brief presentation on the purpose for the rate increase and the reasons that Staff is requesting an 8.2% water rate increase to support the Board's goal to be on a pay-as-you-go basis for infrastructure replacement. The Board of Directors heard the questions and concerns from the customers. After hearing customer's questions and comments, President Putnam said that the answer to the questions will be posted on the District's website next week. He closed the public hearing for the proposed water rate increase at 6:41 p.m.

**PUBLIC COMMENT** – None

**FOOTHILL MUNICIPAL WATER DISTRICT REPORT** – Kathy Ross reported that the FMWD Board met on June 15, 2015 and they approved the FY 15/16 Budget and they are supporting the nomination for Mr. Mel Matthews for the ACWA Region 8 Board. She also reported that other sub-agencies are getting on board with the water conservation. FMWD has hired an intern who starts June 17, 2015 and will be helping with water conservation public outreach programs, presentations and working with the reservoir rehabilitations.

**CONSENT CALENDAR**

**It was moved by Director Bodnar, seconded by Director Tejeda and carried by a 4-0 vote to approve the Minutes of the Regular Board Meeting held on June 2, 2015 and the Ratification of the Disbursements for May 2015.**

**Payment of demands against the Crescenta Valley Water District on or before May 31, 2015 the same having been approved by the General Manager, Thomas A. Love, and heretofore paid, be ratified and approved subject to audit, in the aggregate sum of Eight Hundred Sixteen Thousand One Hundred Twenty Five Dollars and Two Cents (816,125.02), which is composed of the individual items set forth herein.**

**ACTION CALENDAR**

**Request to be Exempt from Tiered Rates.** – Mr. George Solymar addressed the Board regarding his property at 2203 Crescent Avenue. He stated that he has not received answers from letters regarding his large lot issue. He feels that he should only be paying charges for the commercial or multi-family rates. The Board discussed Mr. Solymar's request at the January 7, 2014 Board meeting and requested a water audit be conducted, provided information for turf rebates, and daily meter readings. The Policy Committee met on January 14, 2014 and discussed the issue of large lots and the request by Mr. Solymar to have his consumption billed at tier 2 rates. The Committee did not feel it would be fair to other District customers to subsidize his usage by rebilling his consumption at tier 2 rates, especially since his consumption is always in tier 3 and/or tier 4 rates. At the January 21, 2014 meeting the Board discussed Mr. Solymar's request and decided not to reduce the tiered rate billing, but instead gave him a one-time adjustment of \$300.00. It is Staff's recommendation that the Board not change the existing billing structure for large lots, and that no further adjustments be made to his account balance. Also, that if the District does change its tiered billing structures in the future, all changes would be prospective and not retrospective.

Following discussion:

**It was moved by Director Claessens, seconded by Director Bodnar and carried by a 4-0 vote to adopt Staff's recommendation.**

**Request for Access through CVWD Properties for Hazardous Fuel Reduction** – Mr. Gould reported that Roger Young from CV Ready was contacted by the County of Los Angeles Fire Department about available grant funding that could be used for fire prevention projects such as

removal of brush and vegetation in the Goss Canyon area to reduce fire hazards within the Briggs Terrace area. Mr. Young met with David Gould and Tom Love to discuss the possibility of gaining access to the brush removal area through CVWD's Goss Canyon reservoir and Pickens Canyon reservoir sites. Staff reviewed the locations with respect to the proposed areas that CV Ready will be working with the County of Los Angeles Fire Department to remove brush and vegetation. There are four areas that they would need access to clear the brush and the only area that would affect CVWD property is at the Goss Canyon Reservoir site. They have asked to have access to the access road at the top of Goss Canyon to clear brush. There is a Cooperative Agreement/License and it includes an indemnification clause that has been reviewed by CVWD's legal counsel. Mr. Bunn recommended changes to the agreement and Staff will work with LA County on those revisions.

Following discussion:

**It was moved by Director Bodnar, seconded by Director Tejeda and carried by a 4-0 vote to authorize the General Manager to enter into a cooperative agreement/license with the County of Los Angeles Fire Department for access to CVWD's Goss Canyon Reservoir site to perform hazardous fuel reduction in a form approved by legal counsel.**

**FY 2015/16 Water and Wastewater Budgets and Proposition 218 Notification for Proposed Water Rates and Charges** – Mr. Love reported that the Finance Committee met on June 10, 2015 and discussed some adjustments that have been made. Mr. Gould said that due to the Governor's mandatory cut back, the original budget was based on 4,100 ac-ft. and now we need to base the budget on 3,845 ac-ft. Staff has presented three options. One option is to transfer \$250,000 (an inter-fund loan) from the Wastewater fund, the second option is to transfer \$2 million from the MTBE fund and the third option is a drought surcharge. The drought surcharge is not favorable with the Finance Committee. The Committee discussed these transfers of funds, and are not in favor of that, so staff worked out a reduction of expenses and CIP by \$250,000. The Board discussed the options and staff will bring back information for a decision at the next Board Meeting on June 30, 2015.

**INFORMATION ITEMS** – None

**WRITTEN COMMUNICATIONS TO DISTRICT** – None

**REPORTS OF PERSONNEL**

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

**Investment Portfolio Summary – as of June 12, 2015:**

|                              |             |
|------------------------------|-------------|
| Cash Accounts                | (\$487,400) |
| Great Pacific Securities     | \$391,091   |
| Bond Debt Service Fund Acct  | \$98,451    |
| Local Agency Investment Fund | \$1,745,325 |
| Federal Farm Credit (78)     | \$499,390   |
| Federal Farm Credit (81)     | \$980,710   |
| Federal Farm Credit (83)     | \$504,960   |

|                          |             |
|--------------------------|-------------|
| Federal Farm Credit (86) | \$985,200   |
| Federal Farm Credit (87) | \$500,010   |
| Federal Farm Credit (96) | \$967,817   |
| Federal Farm Credit (97) | \$1,231,767 |
| US Treasury (98) NEW     | \$996,773   |

**MTBE Contingency Funds**

|                              |             |
|------------------------------|-------------|
| Local Agency Investment Fund | \$2,694,779 |
| Great Pacific Securities     | \$159,159   |
| Federal Farm Credit (M-35)   | \$828,448   |
| US Treasury (M-36)           | \$995,940   |
| Federal Farm Credit (M-38A)  | \$996,470   |
| Federal Farm Credit (M-38B)  | \$999,110   |
| Federal Farm Credit (M-39A)  | \$1,003,136 |
| Federal Farm Credit (M-39B)  | \$1,001,205 |
| US Treasury (M-40A)          | \$1,008,892 |

**Fund Balances at April 30, 2015**

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

**GENERAL MANAGER** – Mr. Love reported that they hired Jake Whitaker as the Utility Worker 1, and that the District has gone more than 1 year without a lost time accident. He said that he made his first waste of water report for a property on Foothill Blvd., and spoke with the owner to correct the problem. He also reported that for the month of June, we are tracking at 7% below our conservation target goal.

**DISTRICT ENGINEER**

**Water Production** – For the period of June 1 through June 15, 2015, water production averaged 49.3 million gallons per day, which is **29.1% less** than the daily average production of the same period in 2014. This is **26.8% less** from the daily average production of the previous five years.

|                            |               |
|----------------------------|---------------|
| <b>Rainfall: June 2015</b> | <b>0.04"</b>  |
| <b>Season-to-date:</b>     | <b>10.70"</b> |

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

**Rainfall Update** – 0.04" for June 2015. Rainfall total for 2014-15 is at 10.70".

**Report on Engineering:**

**CIP Projects** – Ocean View Chlorination Project – Building – Out to Bid. Treatment Equipment – under design. Oak Creek MCC – MCC to be delivered around June 15, 2015.

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

**Well 16 – Prop. 84 – Drought Relief Grant** – Design – Pipeline – Potholing began June 11, 2015. Submittal of Plans for Building Permits – Under Review. Building – Out to Bid.

**FMWD Issues** – No Report.

**ULARA** – No Report.

**La Canada Flintridge – Water Committee** – LCF Water Forum - Meeting - July 21, 2015.

**As Needed Consulting Services** – Preparing RFP for Grant Assistance Consulting Services.

**Grants – Proposition 84 – Round 4** – Working with RNC on submittal to DWR by August 7, 2015. Nitrate Removal Treatment Facility at Well 2 - \$1.45M – Presentation by ATP on Nitrate Removal Technology at Engineering Committee Meeting on June 16, 2015.

**Water Meter Replacement Program:** FY 14/15 Water Meter Replacement Program – replaced 774 meters to date.

**Report on Administrative and Field Operations:**

**Well Status** – Well production capacity was averaging 2.24 MGD for June. Well production decrease due to Nitrate Plant out of service for maintenance. Well 9 – Flow Control Valve and new piping completed.

**Developer Jobs** – No Report.

**Booster Pumps** – No Report.

**Water Quality** – No Report.

**Reservoirs/Booster Stations** – No Report.

**Field Maintenance and Operations update for June 1 – June 15, 2015**

**Water lateral leaks & repairs**

- 3155 Orange
- 3332 Brookhill
- 4535 Orin
- 2341 Henrietta
- 2310 Panorama
- 2349 Rockdell

**Water Main Leaks** – 2700 Block of Brookhill.

**Fire Hydrant Replacement** – No Report.

**Sewer Maintenance** – 2200 – 2300 Blocks of Maurice. 5700 – 5800 Blocks of Freeman. 5600 – 5700 Blocks of Canyonside. 2300 Block of Jayma Lane. Backyard easements off Jayma Lane. 5500 – 5600 Blocks of Terrace and Freeman. 5500 Block of Canyonside.

**PROGRAM SPECIALIST** – No Report

**INFORMATION TECHNOLOGY** – No Report.

**ATTORNEY REPORT** – Mr. Bunn reported that the City of Riverside has filed a lawsuit on the new conservation regulations, stating that the regulations are unreasonable as they apply to them. They have their own source of groundwater which has not been affected so far from the drought and they can supply their needs and should not be required to reduce their water usage percentage. There is a bill in the legislature that allows water providers to impose an excise tax for excessive use. In the San Juan Capistrano case, San Juan Capistrano did not petition the Supreme Court to review the case, but the State Water Board that is represented by the Attorney General's office has filed a request to de-publish the case. The courts can choose to publish or not publish cases so it can't be used as a precedent in regards to conservation rates. The Attorney General's office said it was fine to invalidate San Juan Capistrano's rates because they did not tie it to the Cost of Service. The Governor's executive order states that the State Board needed to encourage conservation rates, which was not reflected in the regulations. They have scheduled workshops to let them know what they need to do. The next workshop is on July 8, 2015 to receive all the comments.

### **REPORTS OF COMMITTEES**

**Engineering Committee** – Mr. Gould reported that the Committee met on June 16, 2015 at 8:00 a.m. and discussed the Proposition 84 Grant, Nitrate Removal Treatment Facility at CVWD's Well 2 Project, and Presentation of ARoNite Nitrate Treatment System for Well 2 by Terry Applebury – APT Water. They also discussed the status of Groundwater Wells, reviewed the FY 14/15 CIP Projects Budget and Schedule and the FY 15/16 – CIP Project Budget and Schedule.

**Finance Committee** – Director Bodnar reported that the Committee met on June 12, 2015 at 3:00 p.m. and discussed the 2015/16 Fiscal Year Water and Wastewater Budgets.

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

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

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

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

### **DIRECTORS ORAL REPORTS**

Director Claessens reported that he attended the CVTC Land Use Committee meeting with Director Bodnar on June 11, 2015, and he attended the Finance Committee Meeting on June 10, 2015.

Director Erickson – No Report.

Director Putnam – No Report

Director Tejeda reported that she attended the La Crescenta Women's Club meeting and the CV Chamber Mixer.



Director Bodnar reported on May 21<sup>st</sup> he attended the CVTC meeting. On May 22<sup>nd</sup> he gave a presentation to the Mountain Avenue 6<sup>th</sup> grade class on where water comes from and water conservation. On May 26<sup>th</sup> he attended a Special Board meeting at MWD regarding increasing the conservation budget from \$100M up to \$450M. On May 30<sup>th</sup> he attended the Rockhaven Well community meeting. On June 9<sup>th</sup> he saw Governor Brown at MWD and gave a presentation to the MWD Board. On June 10<sup>th</sup> he attended the Finance Committee Meeting.

**CLOSED SESSION** – None.

**ADJOURNMENT**

There being no other business to come before the Board at 8:40 p.m., it was moved by Director Bodnar, seconded by Director Tejeda and carried by a 4-0 vote that the meeting be adjourned to June 30, 2015 at 7:00 p.m.

**APPROVED**

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Kenneth R. Putnam  
President

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Ron L. Mitchell  
Secretary-Treasurer

# **CRESCENTA VALLEY WATER DISTRICT**

## **SPECIAL MEETING, BOARD OF DIRECTORS**

**June 30, 2015**

Pursuant to the order of the Board of Directors, a Special Meeting was held on June 30, 2015, at 7:00 p.m. at the District office at 2700 Foothill Blvd., La Crescenta, California, with President Kenneth R. Putnam presiding.

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

**Directors:**

**James D. Bodnar  
Michael L. Claessens  
Kerry D. Erickson  
Kenneth R. Putnam  
Judy L. Tejeda**

**Attorney:**

**Thomas S. Bunn III**

**General Manager:**

**Thomas A. Love**

**Secretary-Treasurer:**

**Ron L. Mitchell**

**District Engineer:**

**David S. Gould**

**Others Present:**

**Mark Hass, IT Manager  
Wendy Holloway, Customer Accounts Supervisor  
Larry Byers, Superintendent**

### **PLEDGE OF ALLEGIANCE**

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

### **ADOPTION OF AGENDA**

**It was moved by Director Tejeda, seconded by Director Bodnar and carried by a 5-0 vote that the Agenda for the Special Meeting of June 30, 2015, be adopted as presented.**

### **ACTION CALENDAR**

**Adoption of Fiscal Year 2015-16 Water Budget** – President Putnam opened the discussion by allowing the public to make comments. After the public's comment, staff presented the budget with 3 options. The first option is to adopt the budget as presented with an 8.2% rate increase; the second option (MTBE Alt 1) was presented to have an inter-fund loan from the MTBE fund with no pay back and a 5.7% rate increase. The third option (MTBE Alt 2) was presented to have an inter-fund loan from the MTBE fund with a payback over the next five years and a 6.0% rate increase.

Following discussion:

**It was moved by Director Tejeda, seconded by Director Bodnar and carried by a 3-2 vote (Claessens, Putnam) to adopt the FY 2015-16 Water Budget based upon MTBE Alternate 1 and begin to repay the MTBE fund starting in 3 years.**

**Resolution No. 725** – Mr. Mitchell asked for the Board’s consideration and motion to adopt Resolution No. 725 revising Appendix E of the District’s Rules and Regulations related to charges for Water Service, and revising appendix E.

Following discussion:

**It was moved by Director Tejeda, seconded by Director Bodnar and carried to adopt Resolution No 725 with amending Appendix E with a rate increase of 5.7% by the following roll call:**

|              |                           |
|--------------|---------------------------|
| <b>AYES:</b> | <b>Director Bodnar</b>    |
| <b>AYES:</b> | <b>Director Erickson</b>  |
| <b>AYES:</b> | <b>Director Tejeda</b>    |
| <b>NOES:</b> | <b>Director Claessens</b> |
| <b>NOES:</b> | <b>Director Putnam</b>    |

**Adoption of Fiscal Year 2015-16 Wastewater Budget** – Mr. Love asked the Board for their consideration and motion to adopt the Wastewater Budget as presented with postponing the scheduled rate increase to be effective July 1, 2015.

Following discussion:

**It was moved by Director Bodnar, seconded by Director Tejeda and carried by a 5-0 vote to adopt the FY 2015/16 Wasterwater Budget.**

**Resolution No. 726** – Mr. Mitchell asked the Board for their consideration and motion to adopt Resolution No. 726 to postpone the previously scheduled increase in wastewater rates and charges for bills rendered until July 1, 2016.

Following discussion:

**It was moved by Director Bodnar, seconded by Director Tejeda and carried to adopt Resolution No. 726 by the following roll call:**

|              |                           |
|--------------|---------------------------|
| <b>AYES:</b> | <b>Director Bodnar</b>    |
| <b>AYES:</b> | <b>Director Claessens</b> |
| <b>AYES:</b> | <b>Director Erickson</b>  |
| <b>AYES:</b> | <b>Director Putnam</b>    |
| <b>AYES:</b> | <b>Director Tejeda</b>    |

## **ADJOURNMENT**

There being no other business to come before the Board, at 8:10 p.m. it was moved by Director Bodnar, seconded by Director Tejeda, and carried by a 5-0 vote that the meeting be adjourned.

**APPROVED:**

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Kenneth R. Putnam  
**President**

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Ron L. Mitchell  
**Secretary-Treasurer**

# CRESCENTA VALLEY WATER DISTRICT

## BOARD OF DIRECTORS - STAFF REPORT

Agenda Item No. 1

July 7, 2015

**To:** Honorable President and Members of the Board of Directors  
**From:** David S. Gould, P.E. – District Engineer  
**Subject:** **Installation of Chlorination Building at Williams Reservoir, Advertise for Bids, Project E-733CS-2**

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### **ACTION ITEM**

1. **Installation of Chlorination Building at Williams Reservoir, Project E-733CS-2** – Consideration and motion to authorize the General Manager to award a contract to General Consolidated Constructor, Inc. for the installation of the chlorination building at Williams Reservoir at a cost of \$173,000 and establish a contingency amount of \$17,300 (10% of contract) to cover the cost of unforeseen or additional work.

### **BACKGROUND:**

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

The project would provide a second source of water to the Crescenta Valley, La Cañada Flintridge, and the Altadena areas in case the main water supply from MWD is interrupted due to a disaster event or planned shutdown at MWD's Weymouth Plant.

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

### **DISCUSSION:**

On April 21, 2015, the Board authorized the General Manager to reject the initial round of bidding and advertise for bids for the subject project after the specifications were revised. A mandatory Pre-Bid meeting was held on June 17, 2015 that was attended by four (4) general contractors. CVWD specifications indicate that only contractors who attended this meeting are allowed to bid on the project.

On July 1, 2015, at 2:00 PM, the District opened and read the following bid proposals for this project:

|     | <b><u>Bidder</u></b>                    | <b><u>Total Bid Amount</u></b> |
|-----|-----------------------------------------|--------------------------------|
| Low | General Consolidated Constructors, Inc. | \$173,000                      |
| 2   | Griffith Company                        | \$199,999                      |
| 3   | Pacific Hydrotech                       | Declined to Bid                |
| 4   | Mike Bubalo Construction                | Declined to Bid                |

General Consolidated Constructors (GCC) of Perris, CA was the apparent lowest responsible bidder for the project. The engineer's estimate was \$109,000, and the low bid was 58.3% higher than the engineer's estimate. GCC provided a list of references for the over-excavation of the site and the installation of a new precast structure. In general, comments were that GCC and its sub-contractors did a good job.

Staff did contact the bidders that did not respond. Both contractors attributed their declination to bid to a lack of time to respond due to larger projects being bid at the time.

The bids received were still considerably higher than the initial estimate and there may be cost saving measures that can be taken to reduce the scope of work for the building, but CVWD would need to award to the contract before pursuing these options.

**RECOMMENDATION:**

It is staff's recommendation to authorize the General Manager to enter into an agreement with General Consolidated Constructors at a cost of \$173,000 and establish a contingency amount of \$17,300 (10% of contract) to cover the cost of unforeseen or additional work. Staff will then attempt to reduce the project cost with the selected contractor and would allow for the project to be completed according to CVWD's revised schedule.

**ENVIRONMENTAL REVIEW:**

N/A

**FUNDING AVAILABILITY:**

The following table shows the original cost estimate breakdown for each phase of the project:

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

| Account Description                                                           | Amount                   |
|-------------------------------------------------------------------------------|--------------------------|
| FY 15/16 Water CIP– Water Supply – Import Water                               | \$292,535                |
| Proposition 50 Grant Funding                                                  | \$292,535                |
| <b>Total Funds Available for Project</b>                                      | <b>\$585,070</b>         |
|                                                                               |                          |
| Actual Construction Cost for E-733CS – 1                                      | <\$256,648>              |
| <b>Amount Remaining in Project</b>                                            | <b>\$328,422</b>         |
|                                                                               |                          |
| Engineer's Construction Cost Estimate for E-733CS – 2                         | <\$173,000>              |
| Additional costs such as soils engineer, inspection labor costs & contingency | <\$21,000>               |
| <b>Total Engineer's Cost Estimate</b>                                         | <b>&lt;\$194,000&gt;</b> |
| <b>Amount Remaining in Water CIP – Water Supply – Import Water</b>            | <b>\$134,422</b>         |

Prepared by:

Submitted by:

\_\_\_\_\_  
Brook Yared, P.E.  
Associate Engineer

\_\_\_\_\_  
David S. Gould, P.E.  
District Engineer

Attachment: Bid Summary

G:\Management\Board Meeting Staff Reports\2015\07-07-15 Board Memo - E733CS AC - OV Bldg.docx

# CRESCENTA VALLEY WATER DISTRICT

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Title: Construction of Chlorination Station and Metering Vaults at Williams Reservoir  
 E-Job No: E-733CS  
 Eng's Est: \$109,000.00  
 PM: Brook Yared

BID LOCATION: CVWD's Main Office  
 TIME: 2:00 PM  
 DATE: 7/1/15  
 BY: BY CHECKED: DSG DATE: 7/2/15

|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |    | Engineer's Estimate |              | General Consolidated |              | Griffith Company |              |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----|---------------------|--------------|----------------------|--------------|------------------|--------------|
| ITEM | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                       | QUANTITY |    | UNIT                | AMOUNT       | UNIT                 | AMOUNT       | UNIT             | AMOUNT       |
| 1    | Furnish all labor, material and equipment to mobilize and demobilize, and provide cleanup of construction site, and obtain all required construction permits, complete for the lump sum price of:                                                                                                                                                                                                                                                                 | 1        | LS | \$ 5,000.00         | \$ 5,000.00  | \$ 10,450.00         | \$10,450.00  | \$33,000.00      | \$33,000.00  |
| 2    | Provide public convenience, safety and traffic control, including warning signs, high level warning devices, delineators, barricades and trench plate bridging, construction area security fencing, project sign complete for the lump sum price of:                                                                                                                                                                                                              | 1        | LS | \$ 1,500.00         | \$ 1,500.00  | \$ 4,040.00          | \$4,040.00   | \$2,500.00       | \$2,500.00   |
| 3    | Site preparation, including: driveway preparation, foundation bedding preparation, miscellaneous grading, etc., complete for the lump sum price of:                                                                                                                                                                                                                                                                                                               | 1        | LS | \$ 15,000.00        | \$ 15,000.00 | \$ 7,290.00          | \$7,290.00   | \$11,050.00      | \$11,050.00  |
| 4    | Over Excavation: Removal of spoils material above suitable grade prior to excavation for foundation installation                                                                                                                                                                                                                                                                                                                                                  | 1        | LS | \$ 10,000.00        | \$ 10,000.00 | \$ 14,980.00         | \$14,980.00  | \$14,300.00      | \$14,300.00  |
| 5    | Provide all materials equipment and labor to construct Prefabricated Concrete Chlorination Building per the Construction Drawings to the dimensions as shown on the supplemental drawings per the project technical specifications, complete including the concrete slab/footing, generator pad, floor drain, walls, access doors, hardware, Precast Concrete walls, roofing, exhaust fans, vents, skylights, painting, etc., complete for the lump sum price of: | 1        | LS | \$ 75,000.00        | \$ 75,000.00 | \$ 126,910.00        | \$126,910.00 | \$134,149.00     | \$134,149.00 |
| 6    | Furnish all labor, material and equipment to carry out Storm Water Pollution Prevention Plan measures as required by the National Pollutant Discharge Elimination System and City of La Canada Flintridge BMPs complete for the lump sum price of:                                                                                                                                                                                                                | 1        | LS | \$ 2,500.00         | \$ 2,500.00  | \$ 9,330.00          | \$9,330.00   | \$5,000.00       | \$5,000.00   |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |    | EE                  | \$109,000.00 | LOW                  | \$173,000.00 | 2ND              | \$199,999.00 |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |    |                     |              | 58.72%               |              | 83.49%           |              |

# CRESCENTA VALLEY WATER DISTRICT

## BOARD OF DIRECTORS - STAFF REPORT

Action Item No. 2  
July 7, 2015

**To:** Honorable President and Members of the Board of Directors  
**From:** David S. Gould, P.E. – District Engineer  
**Subject:** **Geotechnical Evaluation of Lower Pickens Canyon Pipeline Crossing, Award of Contract, Project E-957**

---

### **ACTION ITEM:**

1. **Lower Pickens Canyon Pipeline Crossing Repair, Project E-940** – Consideration and motion to authorize the General Manager to enter into an agreement with AMEC Foster Wheeler for the inspection and evaluation of the Lower Pickens Canyon Pipeline Crossing at an estimated cost of \$11,000.

### **BACKGROUND:**

On May 30, 2015, there was a water main break on the Lower Pickens Canyon pipeline crossing that was located on the slope near 5481 Ocean View Blvd (See attached).

This pipeline is one of six pipelines that cross Pickens Canyon at three locations. This pipeline was installed in 1956 and repaired in 1972.

The pipeline was repaired with a stainless steel clamp and water was restored to the area.

The pressure in the pipeline is about 150 psi and the natural slope above and below the pipeline was severely eroded by the water as shown on the attached photos. In addition, the existing pipeline was undermined and there is no soil supporting it.



### **DISCUSSION:**

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

Staff met with personnel from AMEC Foster Wheeler for an initial site investigation to determine what needs to be done to repair the slope. Also, staff determined that CVWD does not have the expertise to climb down the slope and met with personnel from the Montrose Search and Rescue for assistance with inspection of the slope and pipeline.

AMEC Foster Wheeler provided a proposal for the evaluation of erosion distress and slope repair report related to the water main that crosses Pickens Canyon. As shown on the attached proposal, the estimated cost for the report is \$10,109 and staff added an addition \$901 for unforeseen costs.

The next step for the project will be to meet with DMc Engineering regarding a scope of work and proposal for topographic survey of the area for construction.



In addition, DMc Engineering will assist in determining the location of CVWD's easement and the property owners in the area for future agreements for construction and maintenance of the pipeline.

**Preliminary Project Schedule:**

As shown in the table below, it is staff's goal to complete the initial inspection, topographic survey, boundary assessment and report by early September 2015. Staff will meet with the Engineering Committee in September 2015 to review the report and determine the next course of action.

| <b>Lower Pickens Canyon Crossing Repair – Preliminary Project Schedule</b> |                   |                 |
|----------------------------------------------------------------------------|-------------------|-----------------|
| <b>Task</b>                                                                | <b>Start Date</b> | <b>End Date</b> |
| Main Break                                                                 | 5/30/15           | 5/30/15         |
| Geotechnical Site Visit                                                    | 6/18/15           | 6/18/15         |
| Proposal - Site Investigation                                              | 6/30/15           | 6/30/15         |
| Meet with Montrose Search & Rescue                                         | 7/1/15            | 7/1/15          |
| Award Contract - Inspection and Evaluation Report                          | 7/7/15            | 7/7/15          |
| Montrose Search & Rescue Inspection                                        | 7/27/15           | 8/7/15          |
| Topographic Survey                                                         | 7/27/15           | 8/24/15         |
| Complete Investigation & Report                                            | 7/27/15           | 9/10/15         |
| Engineering Committee Review                                               | 9/10/15           | 9/24/15         |

**RECOMMENDATION:**

It is Staff's recommendation to award a contract to AMEC Foster Wheeler for the evaluation of erosion distress and slope repair report for \$11,000.

**ENVIRONMENTAL REVIEW:**

N/A

**FUNDING AVAILABILITY:**

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

| <b>Account Description</b>                                                                          | <b>Account Number</b> | <b>Amount</b>         |
|-----------------------------------------------------------------------------------------------------|-----------------------|-----------------------|
| Expense - Administrative Consultants – FY 15/16                                                     | 01-01-5130-000        | \$120,000             |
| Costs to Date                                                                                       |                       | <\$0>                 |
| <b>Estimated for inspection and evaluation of the Lower Pickens Canyon Pipeline Crossing Report</b> |                       | <b>&lt;11,000&gt;</b> |
| <b>Expense - Administrative Consultants<br/>Amount remaining for FY 15/16</b>                       |                       | <b>\$109,000</b>      |

Prepared by:

Submitted by:

\_\_\_\_\_  
David S. Gould, P.E.  
District Engineer

\_\_\_\_\_  
Thomas A. Love  
General Manager

Attachment:

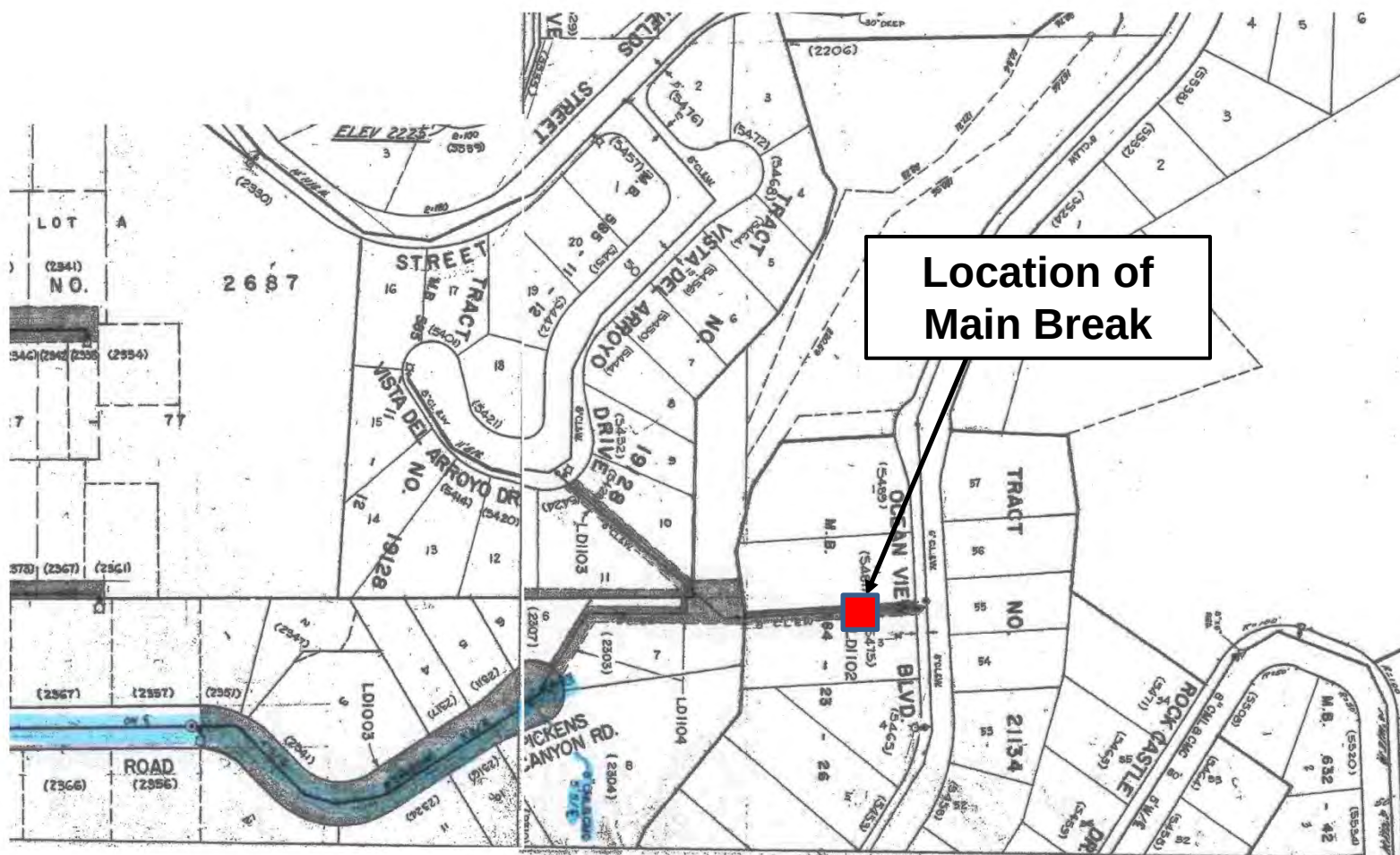
1. Lower Pickens Canyon Water Main Break Presentation
2. AMEC Foster Wheeler Proposal dated June 29, 2015

# Lower Pickens Canyon Crossing Main Break – 5/30/15

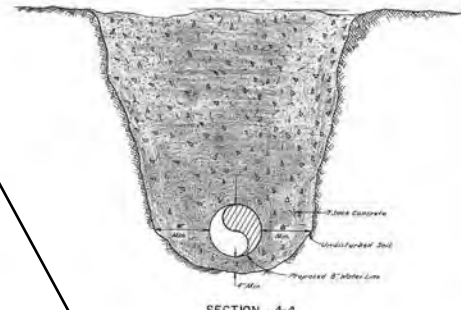
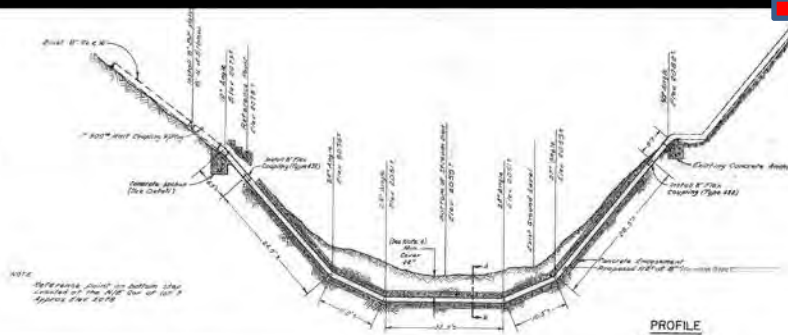
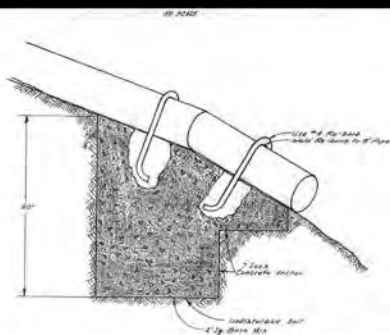
Location of Main Break



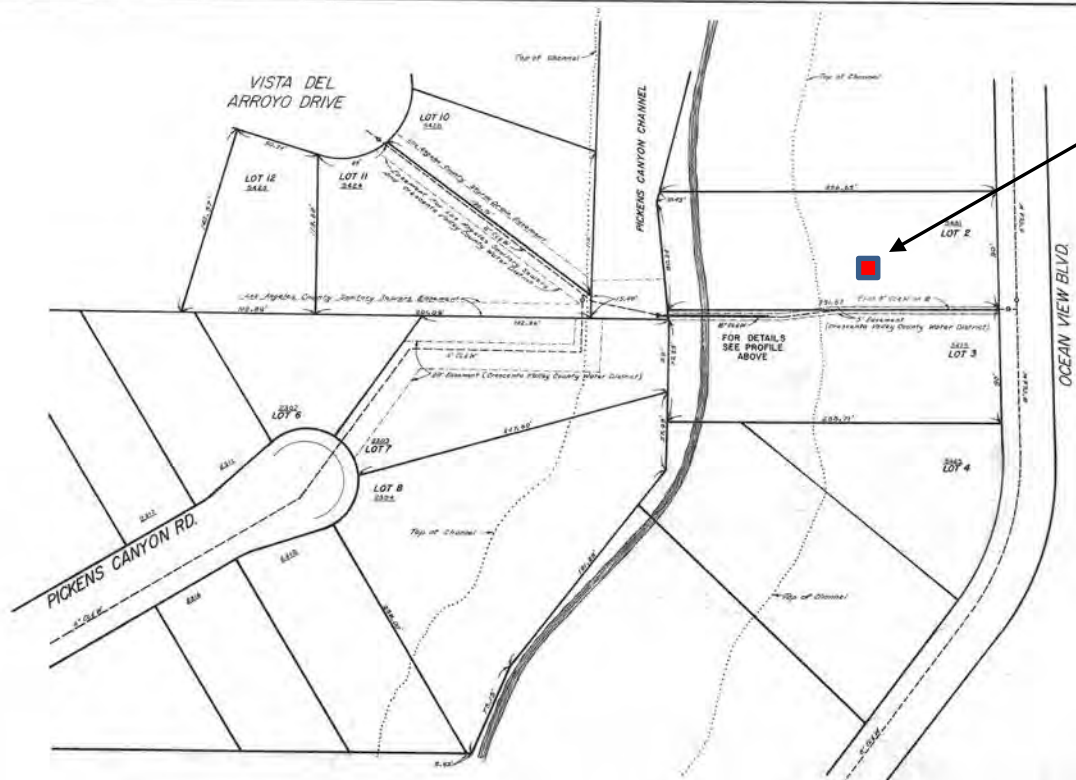




# CONCRETE ANCHOR DETAIL



Location of  
Main Break



- GENERAL NOTES:
1. All construction shall be in accordance with the latest edition of the California Building Code.
  2. All construction shall be in accordance with the latest edition of the California Building Code.
  3. All construction shall be in accordance with the latest edition of the California Building Code.
  4. All construction shall be in accordance with the latest edition of the California Building Code.

LEGEND:

Existing Crescenta Valley County Water District Pipeline  
Proposed Crescenta Valley County Water District Pipeline  
Easement  
Right of Way of Pickens Canyon Channel  
Stream

|                                                                                                            |                                   |                                                                   |                                   |
|------------------------------------------------------------------------------------------------------------|-----------------------------------|-------------------------------------------------------------------|-----------------------------------|
| APPROVED<br>DATE: 4/10/78<br>COMPLETION DATE:                                                              |                                   | CRESCENTA VALLEY COUNTY WATER DISTRICT<br>LA CRESCENTA CALIFORNIA |                                   |
| REPLACE A PORTION OF 8" WATER MAIN<br>CROSSING PICKENS CANYON FROM<br>PICKENS CYN. RD. TO OCEAN VIEW BLVD. |                                   |                                                                   |                                   |
| BY: [Signature]<br>DATE: 11-11-80                                                                          | BY: [Signature]<br>DATE: 11-11-80 | BY: [Signature]<br>DATE: 11-11-80                                 | BY: [Signature]<br>DATE: 11-11-80 |





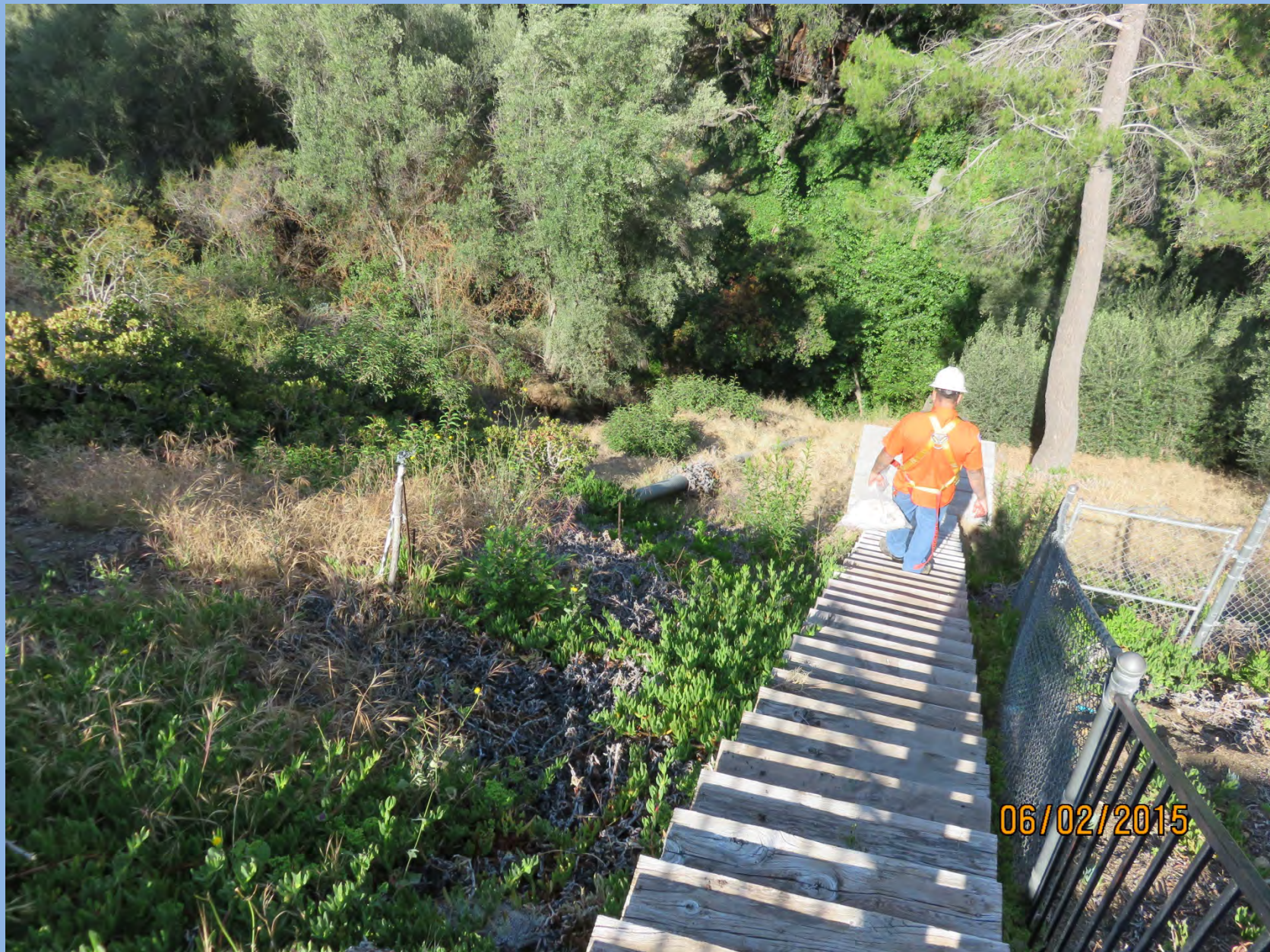












06/02/2015









06/02/2015



06/02/2015

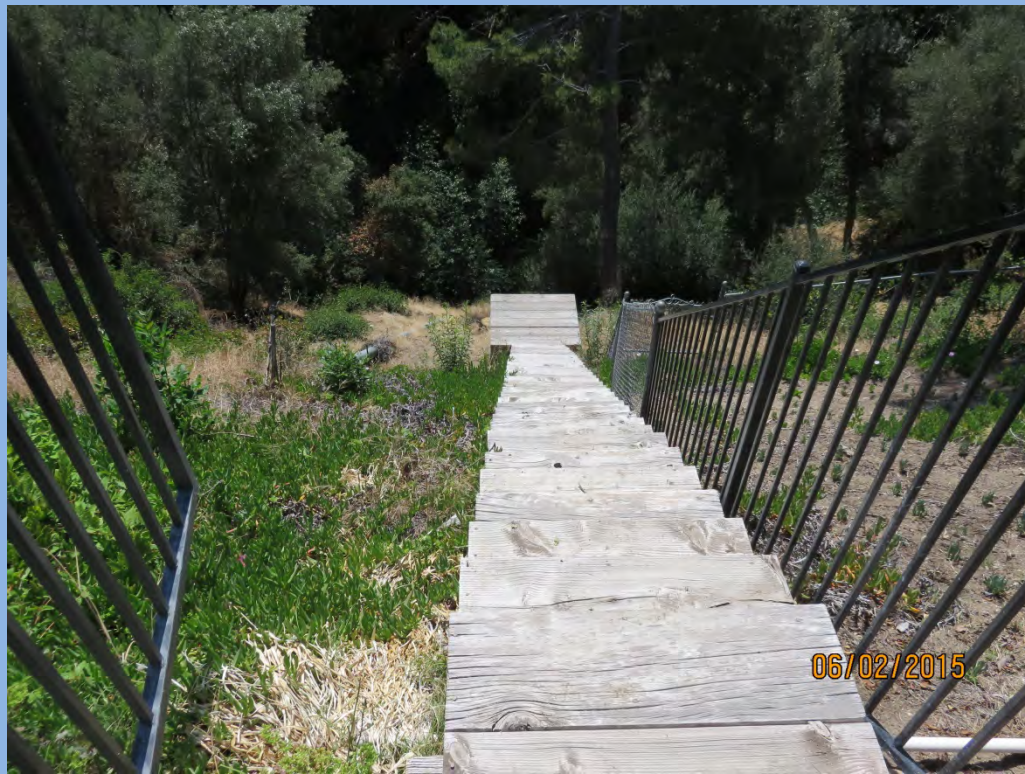
























June 29, 2015  
2013IRV096

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

**Subject:        Scope and Cost Estimate for Pickens Canyon  
                     Slope Repair Evaluation  
                     La Crescenta, California**

Dear Mr. Gould:

At your request, this letter proposal presents Amec Foster Wheeler's scope of work and cost estimate for evaluation of erosion distress and slope repair related to a Crescenta Valley Water District (CVWD) water main that crosses Pickens Canyon from Pickens Canyon Road to Ocean View Boulevard. We understand that the water main was originally installed in approximately 1959 and was upgraded in the late 1970s. At the time of the last upgrade, the portions of the water main on the upper canyon sides were above ground, and portions of the water main lower down in the canyon, including the canyon thalweg, were concrete encased and below grade. Pickens Canyon in this area is very steep sided and more than 100 feet deep. The canyon slopes and bottom are primarily Los Angeles County land and the upper portions of the canyon sides are private residential property. The attached figure (Figure 1), provided by CVWD, shows the approximate location of the water main.

## **PROJECT UNDERSTANDING**

Amec Foster Wheeler's understanding of the project is based on discussions with you and a site visit with you on June 18, 2015. The slope on the northeast side of Pickens Canyon below Vista del Arroyo Drive was eroded away recently due to a break and leak in the 8-inch water main pipe (pipe) that traverses the slope. By the time of our site visit, the CVWD had repaired the pipe.

Along the pipe alignment, there is an approximately 100 foot-high 1:1 (horizontal to vertical) descending southeast-facing slope and an approximately 100 foot-high 1:1 ascending northwest-facing slope across Pickens Canyon. The pipe break caused significant erosion of southeast-facing descending slope adjacent to the break. The extent of the erosion downslope of the break has not been assessed by CVWD because the location of the break and surrounding area are very difficult to access without the aid of climbing equipment and other safeguards. We understand that CVWD is coordinating with the Montrose (La Cañada?) Search and Rescue organization to scale the Pickens Canyon slope near the pipe break location to take photographs of the repaired pipeline and surrounding slope.

Mr. David S. Gould  
Crescenta Valley Water District  
June 29, 2015  
Page 2

At the break location, an approximately 6 foot-deep by 8-foot-wide gully several feet deep beneath the pipe has been eroded at least 20 feet up and 30 feet down the slope from the break. In addition to the significant erosion of soil beneath and near the pipe break, some of the concrete encasing the pipe was also eroded away. It is not known if the soil erosion has affected the stability of the soil above the area of the break near the top of the slope. Additionally, the condition of the pipe near the bottom of the canyon is not known.

## **SCOPE OF SERVICES**

This proposal is for work to evaluate existing conditions and to develop possible conceptual measures to mitigate the erosional distress to the descending slopes and provide recommendations for protection of the pipe crossing both east and west slopes of Pickens Canyon. We will provide the necessary personnel, equipment and materials to perform data review, field mapping, and slope evaluation. We will then prepare a report of our findings and provide conceptual repair measure(s) for CVWD's consideration. The scope of services does not include an engineering analysis of the stability of the ascending and descending slopes<sup>1</sup>.

### **Data Review**

We will review pertinent, available geologic and geotechnical information contained in the files of public agencies such as the California Geologic Survey (CGS) and US Geological Survey (USGS), and reports for the pipeline and any information that is provided by CVWD.

### **Field Program**

Amec Foster Wheeler proposes a limited field program for the project, which includes field mapping of where the pipe is exposed, soil conditions, and erosional features. A boring exploration program is not proposed herein because drill rig access onto the two slopes is not feasible. We assume that CVWD will provide access permission (if needed) for our field geologists.

Due to the limited access and the steepness of the slopes, a team of two geologists will visit the site to observe and map the ascending and descending slopes beneath the pipe including the areas that have been affected by the pipe break. The Amec Foster Wheeler team will include a Certified Engineering Geologist (CEG). If appropriate, our field team will coordinate their visit with the Montrose Search and Rescue team visit. The Search and Rescue team's help would allow our team better access in steep areas.

The mapping team will use a USGS quadrangle map and existing photos for the field mapping. The field mapping program will focus on the erosional face of the descending slope. The areas above and near the pipe break will be observed for evidence of slope cracking or movement resulting from erosion of the slope due to the pipe break. The field team will also photograph the length of the pipe crossing from Vista del Arroyo Drive to Ocean View Boulevard and make observations regarding slope surface conditions beneath and adjacent to the existing pipe.

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<sup>1</sup> An engineering analysis would include numerical computer modeling of slope stability.



Mr. David S. Gould  
Crescenta Valley Water District  
June 29, 2015  
Page 3

### **Slope Evaluation and Reporting**

Based on the findings of the data review, field mapping, and evaluation, we will prepare a written report. Our report will describe the work performed and will summarize our findings regarding the soils and slopes in the area, locations where the pipe appears to be exposed, and where the pipe was observed to be concrete encased or not. Where the pipe is exposed and accessible we will estimate the height of the pipe above eroded and non-eroded portions of the slope and the width and depth of gullies or eroded areas beneath the pipe near the location of the break.

Our report will describe various potential engineering solutions and conceptual repair alternatives for the pipe, including positive and negative aspects of each. As appropriate, the report will include recommendations for additional evaluation(s) or studies that would be needed before a specific remedy could be selected.

### **SCHEDULE**

We can start work within approximately 2 weeks of authorization. The estimated schedule to complete the scope of work proposed above after the notice to proceed is as follows:

|                                |         |
|--------------------------------|---------|
| Data Review and Field Mapping: | 1 week  |
| Evaluation and Reporting:      | 3 weeks |

### **ESTIMATED COSTS**

It should be noted that the cost estimate is based on our understanding of the project scope and an assumed level of effort for each task. In general, such services will be performed in accordance with our existing contract with CVCWD. As shown on the attached cost breakdown, the total estimated cost for our services is \$10.109.

The above fees do not include surveying, and all services following submittal of our final report, such as design and development of construction documents for a repair alternative or additional services requested by CVWD. All such services will be performed only upon receipt of your specific authorization.



Mr. David S. Gould  
Crescenta Valley Water District  
June 29, 2015  
Page 4

We appreciate the opportunity to support CVWD in increasing the reliability of your water system. If you have questions regarding the scope or estimated costs described above, please call either of the undersigned.

Sincerely,  
Amec Foster Wheeler Environment & Infrastructure, Inc.

A handwritten signature in black ink, appearing to read "James J. Weaver".

James J. Weaver, GE  
Los Angeles and California Geotechnical  
Area Manager

A handwritten signature in black ink, appearing to read "W. Greg Hamer".

Greg Hamer, PG, CEG  
Principal Hydrogeologist

Enclosure: Cost Estimate Table



**Cost Estimate Table:  
Crescenta Valley Water District  
Pickens Canyon Water Main Evaluation**



|                    |            |                                               |           |            |           |           |           |           |                     |                           |                          |           |              |
|--------------------|------------|-----------------------------------------------|-----------|------------|-----------|-----------|-----------|-----------|---------------------|---------------------------|--------------------------|-----------|--------------|
| Class I Tasks      |            | Proposal Name: CVWD Pickens Canyon Water Main |           |            |           |           |           |           | Date: June 29, 2015 |                           | Completed By: E. Bailiff |           |              |
| Class I Tasks      |            | Estimated Task Hours                          |           |            |           |           |           |           |                     |                           |                          |           |              |
|                    |            |                                               | Principal | Sr. Assoc. | Assoc     | Senior 2  | Senior 1  | Tech 3    | Tech 2              | Sr. Technician            | Proj Assist              | Graphics  | Totaled      |
|                    |            |                                               | \$ 243.00 | \$ 235.00  | \$ 182.00 | \$ 166.00 | \$ 149.00 | \$ 122.00 | \$ 110.00           | \$ 88.00                  | \$ 78.00                 | \$ 110.00 | Costs        |
| Data Review        |            |                                               | 1         | 2          |           |           | 2         |           |                     |                           |                          |           | \$ 1,011.00  |
| Field Mapping      |            |                                               |           | 10         |           |           | 12        |           |                     |                           |                          | 2         | \$ 4,358.00  |
| Report Preparation |            |                                               | 4         | 8          |           |           | 8         |           |                     |                           | 2                        | 4         | \$ 4,640.00  |
|                    | Total Hrs: | 0                                             | 5         | 20         | 0         | 0         | 22        | 0         | 0                   | 0                         | 2                        | 6         |              |
|                    |            |                                               |           |            |           |           |           |           |                     | Proposed Class I Costs:   |                          |           | \$ 10,009.00 |
| Class III Charges  |            |                                               |           |            |           |           |           |           |                     |                           |                          |           |              |
|                    |            | Unit                                          | Est. No.  |            |           |           |           |           |                     |                           |                          |           |              |
|                    |            | Rate                                          | of units  |            |           |           |           | Subtotal  |                     |                           |                          |           |              |
| Equipment          |            |                                               |           |            |           |           |           |           |                     |                           |                          |           |              |
| Vehicle            |            | \$ 100.00                                     | 1         |            |           |           |           | \$ 100.00 |                     |                           |                          |           | \$ 100.00    |
| Mileage            |            |                                               |           |            |           |           |           | \$ -      |                     |                           |                          |           | \$ -         |
|                    |            |                                               |           |            |           |           |           |           |                     | Proposed Class III Costs: |                          |           | \$ 100.00    |
|                    |            |                                               |           |            |           |           |           |           |                     | PROPOSED TOTAL COST:      |                          |           | \$ 10,109.00 |

Information  
Item

# CV Weekly

Thursday, July 02, 2015

## CVWD Reduces Water Rate Increase, Postpones Sewer Rate Increase

On June 30, the Crescenta Valley Water District (CVWD) Board of Directors adopted Fiscal Year 2015-16 budgets for the water and wastewater funds. The board conducted extensive deliberation regarding the water budget and rates. The California drought and state mandated reductions in water use have resulted in significant reductions in water sales revenue. Fiscal Year 2014-15 water sales are down 14% from FY 2013-14 and are projected to decline an additional 10% in FY 2015-16.

In April 2015, CVWD management presented a preliminary budget with reduced operating and capital expenses. The CVWD board requested an additional reduction of budgeted expenses exceeding \$600,000.

Following the board discussion, which included comments from members of the public, the CVWD board voted 3 – 2 to borrow \$2 million from funds held in reserve for MTBE mitigation and reduced the 8.2% recommended water rate increase by adopting a 5.7% increase. Also, citing increased reserves in the wastewater fund, the board unanimously approved deferring a previously approved 4.4% increase in sewer rates to July 1, 2016.

“This will be a challenging year dealing with the state mandated water use reductions and resulting declining revenues while maintaining an aging infrastructure to provide safe reliable water supply,” said Tom Love, CVWD’s general manager. “I am confident in the capability of the district’s staff to meet these challenges and continue to provide reliable and economical services to the community.”

Written  
Communication



## California State Senate

SENATOR  
CAROL LIU  
TWENTY-FIFTH SENATE DISTRICT



June 29, 2015

Dear Friends,

Please join me for *Living Well with Less Water*, a water conservation forum I am hosting on Friday, July 24<sup>th</sup>, from 10am to 12pm at the Duarte Community Center. This interactive forum will serve to foster understanding of the region's water reality and teach best practices for using less water.

The forum will consist of two panels:

- The first, featuring MWD's Jeff Kightlinger and Danny Merkley of the California Farm Bureau, will present the history of the drought and information about the water content of the food we eat and the clothes we wear.
- The second, featuring Mike Antos of the Center for Urban Water Resilience at CSUN, Cassy Aoyagi of the Theodore Payne Foundation and FormLA Landscaping, and Brian Barreto of California American Water, will show us how to be more water resilient through conservation and landscaping efforts.

In addition to a Q&A session with the panelists, audience members will be able to talk with water purveyors at tables in the community center.

I hope to see you on the 24<sup>th</sup> and look forward to working with you as we continue to weather the drought. Please RSVP at [SenatorLiu.RSVP@gmail.com](mailto:SenatorLiu.RSVP@gmail.com) or by calling 818-409-0400.

Sincerely,

A handwritten signature in cursive script that reads "Carol Liu".

Carol Liu





Senator Carol Liu hosts

# Living Well with Less Water

a forum with Q&A

**Friday, July 24, 2015 10am-12pm**

**Duarte Community Center**

**1600 Huntington Drive, Duarte, CA 91010**

California's leading voices come together to share information and answer your water questions. Join us to find out how you can make a difference as we enter the 5<sup>th</sup> straight year of severe drought.

## ***Panel 1: Are We Tapped Out? California's Water Reality***

***Jeff Kightlinger:*** General Manager,  
Metropolitan Water District

***Danny Merkley:*** Gov't Affairs Director of  
Water Resources, California Farm Bureau  
Federation

## ***Panel 2: What's Our Water Future?***

***Mike Antos:*** Director, Center for  
Urban Water Resilience, CSUN

***Cassy Aoyagi:*** President, Theodore  
Payne Foundation and FormLA  
Landscaping

***Brian Barreto:*** External Affairs  
Manager, California American Water



**Space is limited. Please RSVP to:**  
**SenatorLiu.RSVP@gmail.com or 818-409-0400**

Printing and/or redistribution of this flyer, other than by email, is prohibited.

**CRESCENTA VALLEY WATER DISTRICT  
INVESTMENT PORTFOLIO SUMMARY  
July 2, 2015**

| INVESTMENT TYPE              | ACCT/CUSIP<br>I.D. NO. | PURCHASE<br>DATE | *FACE<br>VALUE | BOOK<br>VALUE | INVESTMENT<br>COST | % OF<br>TOTAL                                             | **MARKET<br>VALUE | MATURITY<br>DATE                         | DATE<br>CALLABLE | EARNED<br>TO DATE | YIELD TO<br>MATURITY |
|------------------------------|------------------------|------------------|----------------|---------------|--------------------|-----------------------------------------------------------|-------------------|------------------------------------------|------------------|-------------------|----------------------|
| GENERAL FUNDS                |                        |                  |                |               |                    |                                                           |                   |                                          |                  |                   |                      |
| GENERAL FUND-SWEEP ACCOUNT   | 0631-525246            |                  | \$ 284,810     | \$ 284,810    | \$ 284,810         | 1.49%                                                     | \$ 284,810        | none                                     | n/a              | \$ 445            | 0.02%                |
| GREAT PACIFIC SECURITIES     | GPC-804452             |                  | \$ 391,091     | \$ 391,091    | \$ 391,091         | 2.05%                                                     | \$ 391,091        | none                                     | n/a              | \$ 17             | 0.02%                |
| BOND DEBT SERVICE FUND       | 6948-331525            |                  | \$ 98,454      | \$ 98,454     | \$ 98,454          | 0.51%                                                     | \$ 98,454         | none                                     | n/a              | \$ 186            | 0.06%                |
| LOCAL AGENCY INVESTMENT FUND | 90-19-007              |                  | \$ 1,745,325   | \$ 1,745,325  | \$ 1,745,325       | 9.13%                                                     | \$ 1,745,325      | none                                     | n/a              | \$ 5,361          | 0.26% Mar 2015       |
| TRANSFER FROM MTBE RESERVE   |                        |                  | \$ 2,000,000   | \$ 2,000,000  | \$ 2,000,000       | 10.46%                                                    | \$ 2,000,000      |                                          |                  |                   |                      |
| FEDERAL FARM CREDIT (78)     | 3133EASN1              | 7/17/2012        | \$ 500,000     | \$ 500,000    | \$ 500,000         | 2.62%                                                     | \$ 499,390        | 7/24/2020                                | 10/24/2012       | \$ 7,662          | 1.84%                |
| FEDERAL FARM CREDIT (81)     | 3133EAYP7              | 9/11/2012        | \$ 1,000,000   | \$ 1,005,220  | \$ 1,005,220       | 5.26%                                                     | \$ 980,710        | 7/19/2022                                | n/a              | \$ 16,241         | 1.95%                |
| FEDERAL FARM CREDIT (83)     | 3133EAY28              | 10/9/2012        | \$ 500,000     | \$ 502,885    | \$ 502,885         | 2.63%                                                     | \$ 504,960        | 9/21/2017                                | n/a              | \$ 3,456          | 0.71%                |
| FEDERAL FARM CREDIT (86)     | 3133EC4L5              | 11/15/2012       | \$ 1,000,000   | \$ 1,002,300  | \$ 1,002,300       | 5.24%                                                     | \$ 985,200        | 11/23/2021                               | n/a              | \$ 13,409         | 1.58%                |
| FEDERAL FARM CREDIT (87)     | 3133EC4Y7              | 11/19/2012       | \$ 500,000     | \$ 500,000    | \$ 500,000         | 2.62%                                                     | \$ 500,010        | 11/27/2017                               | n/a              | \$ 3,873          | 0.93%                |
| FEDERAL FARM CREDIT (96)     | 3133EENM8              | 2/2/2015         | \$ 1,000,000   | \$ 1,001,790  | \$ 1,001,790       | 5.24%                                                     | \$ 967,817        | 2/6/2025                                 | n/a              | \$ 5,148          | 2.14%                |
| FEDERAL FARM CREDIT (97)     | 3133EENM8              | 2/9/2015         | \$ 1,270,000   | \$ 1,245,289  | \$ 1,245,289       | 6.51%                                                     | \$ 1,231,767      | 2/6/2025                                 | n/a              | \$ 6,012          | 2.38%                |
| US TREASURY (98) NEW         | 912828XE5              | 6/2/2015         | \$ 1,000,000   | \$ 996,773    | \$ 996,773         | 5.21%                                                     | \$ 996,773        | 5/31/2020                                | n/a              | \$ -              | 1.57%                |
|                              |                        |                  | \$ 11,289,681  | \$ 11,273,937 | \$ 11,273,937      |                                                           | \$ 11,186,308     |                                          |                  | \$ 79,457         |                      |
|                              |                        |                  |                |               |                    | Yield on investments including LAIF but not cash accounts |                   |                                          |                  |                   | 1.54%                |
|                              |                        |                  |                |               |                    | Yield on investments not including LAIF or cash accounts  |                   |                                          |                  |                   | 1.69%                |
| CONSTRUCTION FUNDS           |                        |                  |                |               |                    |                                                           |                   |                                          |                  |                   |                      |
| COPS RESERVE FUND            | 108614000              |                  | \$ 617,144     | \$ 617,144    | \$ 617,144         |                                                           | \$ 617,367        | none                                     | n/a              | \$ 135            | 0.02%                |
|                              |                        |                  | \$ 617,144     | \$ 617,144    | \$ 617,144         |                                                           | \$ 617,367        |                                          |                  | \$ 135            |                      |
| MTBE CONTINGENCY FUNDS       |                        |                  |                |               |                    |                                                           |                   |                                          |                  |                   |                      |
| LOCAL AGENCY INVESTMENT FUND | 90-19-007              |                  | \$ 826,489     | \$ 826,489    | \$ 826,489         | 4.32%                                                     | \$ 826,489        | none                                     | n/a              | \$ 450            | 0.26% Mar 2015       |
| GREAT PACIFIC SECURITIES     | GPC-003670             |                  | \$ 159,159     | \$ 159,159    | \$ 159,159         | 0.83%                                                     | \$ 159,159        | none                                     | n/a              | \$ -              | 0.02%                |
| FEDERAL FARM CREDIT (M-35)   | 3133EDWX6              | 2/3/2015         | \$ 800,000     | \$ 849,960    | \$ 849,960         | 4.45%                                                     | \$ 828,448        | 10/7/2024                                | n/a              | \$ 5,675          | 2.19%                |
| US TREASURY (M-36)           | 912828J27              | 2/6/2015         | \$ 1,000,000   | \$ 989,106    | \$ 989,106         | 5.17%                                                     | \$ 995,940        | 2/15/2025                                | n/a              | \$ 4,403          | 2.00%                |
| FEDERAL FARM CREDIT (M-38A)  | 3133EEWP1              | 4/22/2015        | \$ 1,000,000   | \$ 996,470    | \$ 996,470         | 5.21%                                                     | \$ 996,470        | 4/1/2025                                 | n/a              | \$ 519            | 2.41%                |
| FEDERAL FARM CREDIT (M-38B)  | 3133EEWP1              | 4/23/2015        | \$ 1,000,000   | \$ 999,110    | \$ 999,110         | 5.23%                                                     | \$ 999,110        | 4/1/2025                                 | n/a              | \$ 455            | 2.38%                |
| US TREASURY (M-39A)          | 912828K58              | 4/27/2015        | \$ 1,000,000   | \$ 1,003,136  | \$ 1,003,136       | 5.25%                                                     | \$ 1,003,136      | 4/30/2020                                | n/a              | \$ 113            | 1.38%                |
| US TREASURY (M-39B)          | 912828K58              | 4/28/2015        | \$ 1,000,000   | \$ 1,001,205  | \$ 1,001,205       | 5.24%                                                     | \$ 1,001,205      | 4/30/2020                                | n/a              | \$ 75             | 1.38%                |
| US TREASURY (M-40)           | 912828J27              | 4/27/2015        | \$ 1,000,000   | \$ 1,008,892  | \$ 1,008,892       | 5.28%                                                     | \$ 1,008,892      | 2/15/2025                                | n/a              | \$ 164            | 1.90%                |
|                              |                        |                  | \$ 7,785,648   | \$ 7,833,527  | \$ 7,833,527       |                                                           | \$ 7,818,849      |                                          |                  | \$ 11,855         |                      |
| TOTAL INVESTMENTS            |                        |                  | \$ 19,075,329  | \$ 19,107,464 | \$ 19,107,464      |                                                           | \$ 19,005,156     |                                          |                  | \$ 91,311         |                      |
| CASH- PAYROLL ACCOUNT        | 0948-024724            |                  | \$ 11,980      | \$ 11,980     | \$ 11,980          | 0.06%                                                     | \$ 11,980         |                                          |                  |                   |                      |
| TOTAL CASH AND INVESTMENTS   |                        |                  | \$ 19,087,309  | \$ 19,119,444 | \$ 19,119,444      | 100%                                                      | \$ 19,017,136     |                                          |                  | \$ 91,311         | 1.41%                |
|                              |                        |                  |                |               |                    |                                                           | \$ (102,308)      | ***Unrealized Gain/(Loss) on Investments |                  |                   |                      |

I certify that this report accurately reflects all pooled investments and is in compliance with California Government Code Sections 5922 & 53601 as amended on 1/1/97; are currently in conformity with the investment policy as stated in Resolution No. 722 adopted on December 9, 2014. As Treasurer of the Crescenta Valley Water District, I, Ron L. Mitchell hereby certify that sufficient investment liquidity and anticipated revenues are available to meet one year of estimated expenditures for the operations of Crescenta Valley Water District.

\*Value at investment maturity date.

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

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

**Balance as of April 30, 2015**

|                    |                        |
|--------------------|------------------------|
| Water              | \$12,781,856.75        |
| Wastewater         | \$ 5,721,849.22        |
| <b>Total Funds</b> | <u>\$18,503,705.97</u> |

# CRESCENTA VALLEY WATER DISTRICT

## BOARD OF DIRECTORS - STAFF REPORT

July 7, 2015  
Staff Report

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

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June is the first mandatory compliance month under the State mandated water conservation requirements. The Crescenta Valley community has not only met the mandated 24% water conservation for the month of June, but has also reduced June water use to the lowest amount in the last 45 years. Average daily water production was 3.35 million gallons per day (MGD) in June, compared with 3.58 MGD in June 1976, the previous low. In June 2013 CVWD produced 4.75 MGD, resulting in a required water use reduction of 1.14 MGD. CVWD customers achieved 29% conservation by reducing water use by reducing water use by 1.4 MGD below June of 2013.

This month there are four staff anniversaries, Steve Dulay 9 years, Christina Olmedo 9 years, Morgen DuRose 14 years and Carlos Alvarez 26 years.

As of July 1, the district has worked 388 days without a lost time accident. At the present time there are two employees on medical leave. One employee is expected to return to work, with restrictions, on July 6<sup>th</sup>. The return date of the other employee is expected in four to six months.



# CRESCENTA VALLEY WATER DISTRICT

## BOARD OF DIRECTORS - STAFF REPORT

July 7, 2015  
Staff Report

**To:** Honorable President and Members of the Board of Directors  
**From:** David S. Gould, P.E. – District Engineer  
**Subject:** **District Engineer – Staff Report**

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**1. Water Production Report**

- June 1 – 30 – Water Production – 51%/ 49% split – 49.3 MG for the time period.  
Average use – 25.1% less than 2014 and 24.3% less than 5-yr average  
SWRCB Conservation – 24.8% less than June 2013 – Feb 2014 period

**2. Rainfall Update**

- 0.04" for June 2015
- Rainfall total for Rainfall Year 2014/15 – 10.70"

**3. Report on Engineering**

- **CIP Projects**
  - o Ocean View Chlorination Project
    - Building – Award of Contract
    - Treatment Equipment –Design 90% complete
  - o Oak Creek MCC – MCC delivered to site
- **Crescenta Valley County Park - Local Groundwater Assistance Grant**
  - o Percolation Test Pits – July 2015
- **Well 16 – Prop. 84 – Drought Relief Grant**
  - Design
    - Building Plans Under Review by Glendale
    - Building – Bids due July 16, 2015
  - Construction
    - Pipeline – Installing 12-inch storm drain on Hermosa Ave
- **FMWD**
  - o No Report
- **ULARA**
  - o No Report
- **La Canada Flintridge – Water Committee**
  - o LCF Water Forum – Committee Chairs only Meeting – July 6, 2015
- o **As-Needed Consulting Services**
  - o No Report
- o **Grants – Proposition 84 – Round 4**
  - o Completed 1<sup>st</sup> submittal to RMC; final submittal to DWR by August 7, 2015
  - o Nitrate Removal Treatment Facility at Well 2 - \$1.78M
- o **Water Meter Replacement Program**
  - o FY 14/15 Water Meter Replacement Program – Replaced 998 meters for the FY

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

- **Wells - Status**
  - o Well production capacity was averaging 2.1 MGD for June.
- **Developer Jobs**
  - o No Report
- **Booster Pumps**
  - o No Report
- **Water Quality**
  - o No Report
- **Reservoirs/Booster Stations**
  - o No Report

5. **Field Maintenance & Operations – June 15 – 30, 2015**

- o **Water lateral leaks & repairs**
  - o 2735 Stevens
  - o 4824 Cheryl
  - o 3123 Brookhill
  - o 2924 Markridge Ave
  - o 3045 Hermosa Ave
  - o 2824 Frances Ave
  - o 2909 Henrietta
  - o 3136 Prospect
  - o 2334 Janet Lee
- o **Water Main Leaks**
  - o 3000 Block of Alabama
- o **Valve Replacement**
  - o Two Valves –Ocean View & Vista Del Arroyo 7/8/15
- o **Fire Hydrant Replacement**
  - o No Report
- o **Sewer Maintenance**
  - o 2200 – 2300 blocks of Maurice
  - o 5700 – 5800 blocks of Freeman
  - o 5600 – 5700 blocks of Canyonside
  - o 2300 Block of Jayma Ln
  - o Backyard easements off Jayma Ln
  - o 2300 Blocks of Rockdell, Dorothy, Shields & Utley
  - o 5500 Block of Goss Canyon
  - o 5400 Blocks of Briggs and Vista Del Arroyo

# CRESCENTA VALLEY WATER DISTRICT

## WATER PRODUCTION REPORT

June 1 - June 30, 2015

|                            |             |       |                              |     |
|----------------------------|-------------|-------|------------------------------|-----|
| <b>Well Production:</b>    | 50,280,800  | Gals  |                              |     |
| <b>Gravity Production:</b> | 1,551,200   | Gals  | % GW                         | 51% |
| <b>Purchased Water:</b>    |             |       |                              |     |
| FMWD:                      | 50,191,500  | Gals  |                              |     |
| City of Glendale:          | 0           | Gals  | % Import                     | 49% |
| <b>TOTAL:</b>              | 102,023,500 | Gals  |                              |     |
|                            | 313.10      | ac-ft |                              |     |
| Glenwood Nitrate Water     |             |       |                              |     |
| Reclamation Plant:*        | 9,624,000   |       | *Included in Well Production |     |

## WATER DEMAND COMPARISON

|                                   | Average Daily Usage (gals) | Current Period Change | Average Daily Usage (gals) | Phase 1 Change |
|-----------------------------------|----------------------------|-----------------------|----------------------------|----------------|
| June 1, 2015 - June 30, 2015      | 3,451,215                  |                       |                            |                |
| June 1, 2014 - June 30, 2015      | 4,604,735                  | -25.1%                |                            |                |
| 5-yr Average - June 2010 - 2014   | 4,558,301                  | -24.3%                |                            |                |
| SWRCB CONSERVATION REGULATIONS    |                            |                       | 3,451,215                  |                |
| June 1, 2015 through Feb 29, 2016 |                            |                       |                            |                |
| BASELINE CONSERVATION             |                            |                       | 4,588,985                  | -24.8%         |
| June 1, 2013 through Feb 28, 2014 |                            |                       |                            |                |

RAINFALL: June 1 - June 30, 2015

0.04"

Season-To-Date:

10.70"

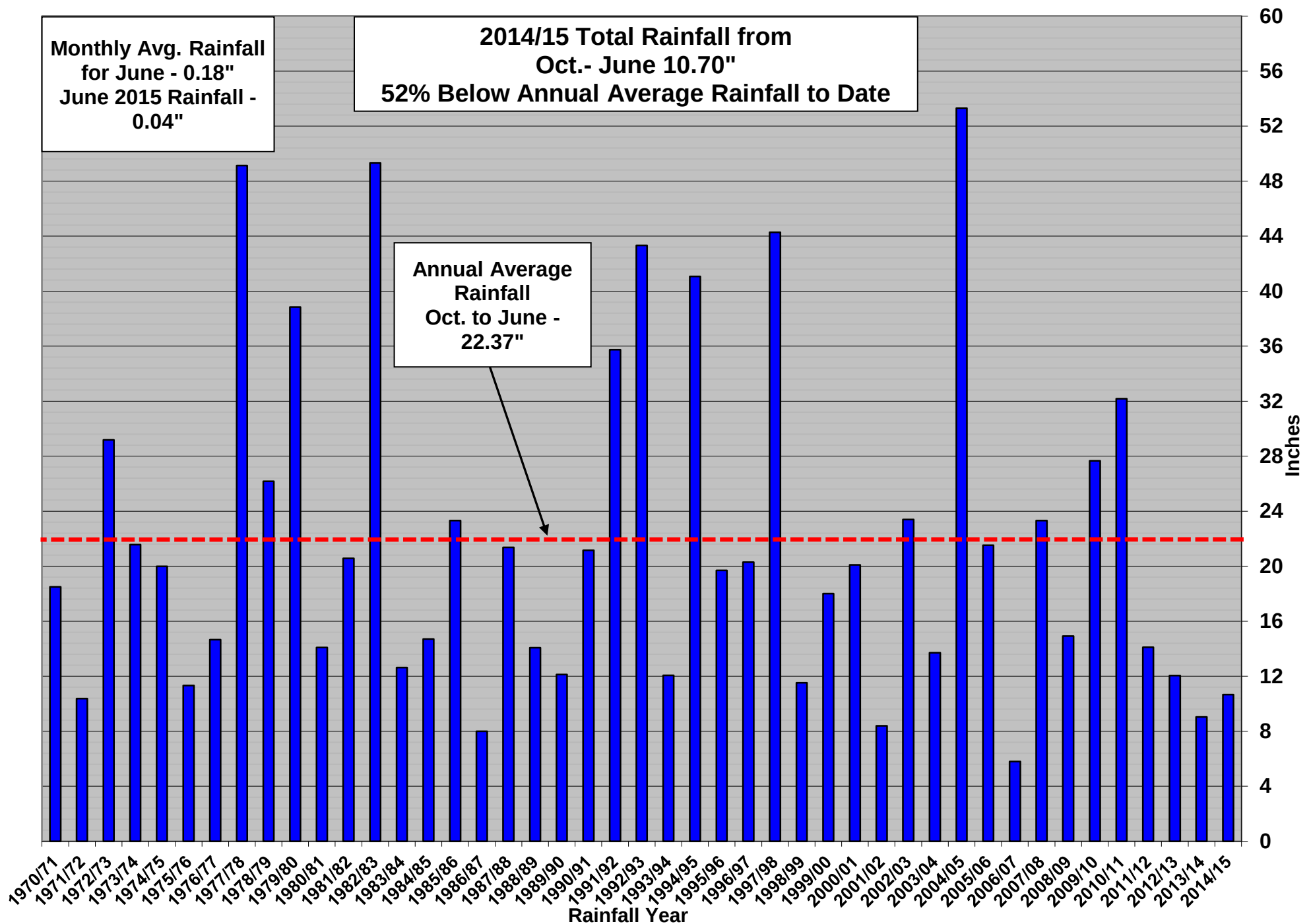
| 2014/15 Fiscal Year Water Production |                                       |                                          | Groundwater Production Water Rights |                         | Purchased Water Production Tier 2 Allocation |                                   | Purchased Water Water Supply Allocation Plan |                                   |
|--------------------------------------|---------------------------------------|------------------------------------------|-------------------------------------|-------------------------|----------------------------------------------|-----------------------------------|----------------------------------------------|-----------------------------------|
| Month                                | Actual Total Water Production (ac-ft) | Projected Total Water Production (ac-ft) | Month                               | Well Production (ac-ft) | Month                                        | Imported Water Production (ac-ft) | Month (July 15 - June 16)                    | Imported Water Production (ac-ft) |
| July                                 | 426                                   | 450                                      | October                             | 212                     | January                                      | 127                               | July                                         | 235                               |
| August                               | 406                                   | 460                                      | November                            | 191                     | February                                     | 119                               | August                                       | 210                               |
| September                            | 401                                   | 430                                      | December                            | 159                     | March                                        | 150                               | September                                    | 170                               |
| October                              | 386                                   | 410                                      | January                             | 175                     | April                                        | 142                               | October                                      | 140                               |
| November                             | 320                                   | 330                                      | February                            | 147                     | May                                          | 136                               | November                                     | 75                                |
| December                             | 255                                   | 310                                      | March                               | 189                     | June                                         | 154                               | December                                     | 60                                |
| January                              | 303                                   | 300                                      | April                               | 178                     | July                                         |                                   | January                                      | 60                                |
| February                             | 267                                   | 300                                      | May                                 | 152                     | August                                       |                                   | February                                     | 60                                |
| March                                | 339                                   | 355                                      | June                                | 159                     | September                                    |                                   | March                                        | 65                                |
| April                                | 320                                   | 360                                      | July                                |                         | October                                      |                                   | April                                        | 80                                |
| May                                  | 288                                   | 385                                      | August                              |                         | November                                     |                                   | May                                          | 100                               |
| June                                 | 313                                   | 410                                      | September                           |                         | December                                     |                                   | June                                         | 110                               |
| Total to Date                        | 4,024                                 | 4,500                                    | Total to Date                       | 1,562                   | Total to Date                                | 829                               | Total to Date                                | 1,365                             |
| Projected                            | 4,024                                 | 4,500                                    | Water Rights                        | 3,294                   | Tier 2                                       | 2,154                             | WSAP                                         | 1,968                             |
| % of Projected                       | 89.4%                                 | 100.0%                                   | % of Rights                         | 47%                     | % of Allocation                              | 39%                               | % of Allocation                              | 69%                               |
| Remaining                            | 476                                   | 0                                        | Remaining                           | 1,732                   | Remaining                                    | 1,325                             | Remaining                                    | 603                               |

### NOTE:

1) Blue Numbers - Estimate Total Water Production



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



# CRESCENTA VALLEY WATER DISTRICT

## BOARD OF DIRECTORS - STAFF REPORT

July 7, 2015  
Staff Report

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

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### **Monitoring Report Submitted to State for June 2015:**

#### **Production Numbers**

|                                                              |        |
|--------------------------------------------------------------|--------|
| ➤ Total Water Production June 2015:                          | 313 AF |
| ➤ Total Water Production June 2013:                          | 440 AF |
| ➤ Percent Reduction:                                         | 29 %   |
| ➤ Residential Gallons per Capita per Day (R-GPCD) June 2015: | 69     |

#### **Compliance Reporting \***

|                                       |    |
|---------------------------------------|----|
| ➤ Days of outdoor Irrigation Allowed: | 2  |
| ➤ Number of Water Waste Complaints:   | 87 |
| ➤ Number of Follow-ups:               | 87 |
| ➤ Number of Warnings:                 | 87 |
| ➤ Number of Penalties:                | 0  |

\* Data as of 06/26/2015, a breakdown of the specific violations is attached

#### **Mandatory Water Reduction Goal**

|                                    |                           |
|------------------------------------|---------------------------|
| ➤ Compliance Period:               | June 2015 – February 2016 |
| ➤ Compliance Goal                  | 380 AF                    |
| ➤ Acre Feet Saved for June         | 127 AF                    |
| ➤ Acre Feet Saved to Date          | 127 AF                    |
| ➤ Percent of Goal Achieved to Date | 33.4%                     |

### **Turf Rebates: \***

|                                        |           |
|----------------------------------------|-----------|
| ➤ Pending Applications:                | 165       |
| ➤ CVWD Funds Remaining:                | \$0       |
| ➤ Funds Submitted to MWD 2014/2015 FY: | \$461,550 |
| ➤ MWD Funds Received 2014/2015 FY:     | \$306,570 |
| ➤ MWD outstanding:                     | \$139,060 |
| ➤ Square footage of turf removed:      | 230,775   |

\* Data as of 06/26/2015

The turf rebate program will be transferred back to MWD as required under MWD's new program rules. The District is currently waiting on paperwork from MWD to begin that process. The District will continue to run the program for any applications received prior to May 12<sup>th</sup>. Following which, the

District will approve projects upon completion, but MWD's vendor will be handling the application process and the rebate itself.

Customers who applied between May 12<sup>th</sup> and the time the program is transferred may be required to reapply through MWD's vendor. We are still waiting to hear back from MWD on how that process will work. Of course, the District will no longer be adding any monies to enhance the MWD rebate once the program transfers.

As of last week, the District has exhausted its budgeted funds for the 2014/2105 fiscal year (\$110,000.00) for the turf rebate program. There is currently \$11,300.00 in applications that are completed and are pending payment.

Given we are so close to the next fiscal year, I would like to hold these applications to be processed after July first for payment from CVWD. The funds will come from the District's budgeted amount of \$35,000.00 for the 2015/2016 fiscal year.

I anticipate the 2015/2016 budget for turf removal will deplete very quickly (Weeks). Customers with pending projects will be notified when District funds are no longer available.

|                                                             |               |
|-------------------------------------------------------------|---------------|
| Billed to MWD for completed projects (Fiscal year to date): | \$ 461,550.00 |
|-------------------------------------------------------------|---------------|

|                                                                                                                              |               |
|------------------------------------------------------------------------------------------------------------------------------|---------------|
| Approved funding from MWD to the District for projects in process<br>(Applications approved prior to May 12 <sup>th</sup> ): | \$ 406,000.00 |
|------------------------------------------------------------------------------------------------------------------------------|---------------|

### **Water Quality Update**

The week of June 22<sup>nd</sup>, the District received notification for the State Water Resources Control Board, Division of Drinking Water, that the District's requests for reduction in monitoring for MTBE and Copper and Lead had been approved. (Letters attached) This reduction will save a great deal of staff time and approximately, \$20,000.00 per year in reduced laboratory fees.



## Water Wasters - June 2015

| Date             | Time     | Sprinklers |              |         | Watering      |                            |                           | Other:   |                                 |            |                         |                                              |
|------------------|----------|------------|--------------|---------|---------------|----------------------------|---------------------------|----------|---------------------------------|------------|-------------------------|----------------------------------------------|
|                  |          | Overspray  | Broken Heads | Run-Off | Over watering | Watering on a NO-water day | Watering during (9am-5pm) | Car Wash | Use of hose w/out cut-off valve | Water Leak | Hosing Hardscaped Areas | Watering during or 48 hrs after a rain event |
| 6/29             | 10:50 AM | x          |              | x       | x             | x                          | x                         |          |                                 |            |                         |                                              |
| 6/29             | 1:30 PM  |            |              | x       |               |                            |                           |          |                                 |            |                         |                                              |
| 6/29             | 11:10 AM |            |              | x       |               |                            |                           |          |                                 |            |                         |                                              |
| 6/29             | 10:10 AM |            |              | x       |               |                            |                           |          |                                 |            |                         |                                              |
| 6/29             | 10:10 AM |            |              | x       |               |                            |                           |          |                                 |            |                         |                                              |
| 6/29             | 10:00 AM |            |              | x       |               |                            |                           |          |                                 |            |                         |                                              |
| 6/29             | 9:45 AM  |            |              | x       |               |                            |                           |          |                                 |            |                         |                                              |
| 6/29             | 9:40 AM  |            | x            |         |               |                            |                           |          |                                 |            |                         |                                              |
| 6/29             | 8:50 AM  |            |              | x       |               | x                          |                           |          |                                 |            |                         |                                              |
| 6/29             | 8:20 AM  | x          |              | x       |               | x                          |                           |          |                                 |            |                         |                                              |
| 6/30             | 7:40 AM  | x          |              | x       | x             | x                          |                           |          | x                               | x          | x                       |                                              |
| 6/30             | 11:25 AM |            |              | x       | x             |                            |                           |          |                                 |            |                         |                                              |
| 6/30             | 11:05 AM | x          |              | x       |               |                            |                           |          |                                 |            |                         |                                              |
| 6/30             | 8:15 AM  | x          |              |         |               |                            |                           |          |                                 |            |                         |                                              |
| 6/30             | 7:50 AM  |            |              | x       |               |                            |                           |          |                                 |            |                         |                                              |
| 6/30             | 7:45 AM  | x          |              | x       |               |                            |                           |          |                                 |            |                         |                                              |
| 6/30             | 7:45 AM  | x          |              | x       |               |                            |                           |          |                                 |            |                         |                                              |
| 6/30             |          | x          | x            | x       |               |                            |                           |          |                                 |            |                         |                                              |
| 6/30             | 7:40 AM  | x          |              | x       | x             |                            |                           |          |                                 |            |                         |                                              |
|                  |          |            |              |         |               |                            |                           |          |                                 |            |                         |                                              |
| Wk 5 Totals      |          | 9          | 2            | 17      | 4             | 4                          | 1                         | 0        | 1                               | 1          | 1                       | 0                                            |
|                  |          | Sprinklers |              |         | Watering      |                            |                           | Other:   |                                 |            |                         |                                              |
|                  |          | Overspray  | Broken Heads | Run-Off | Over watering | Watering on a NO-water day | Watering during (9am-5pm) | Car Wash | Use of hose w/out cut-off valve | Water Leak | Hosing Hardscaped Areas | Watering during or 48 hrs after a rain event |
| June 2015 Totals |          | 35         | 2            | 63      | 30            | 40                         | 17                        | 0        | 14                              | 12         | 11                      | 9                                            |

## Water Wasters - June 2015

| Date        | Time     | Sprinklers |              |         | Watering      |                            |                           | Other:   |                                 |            |                         |                                              |
|-------------|----------|------------|--------------|---------|---------------|----------------------------|---------------------------|----------|---------------------------------|------------|-------------------------|----------------------------------------------|
|             |          | Overspray  | Broken Heads | Run-Off | Over watering | Watering on a NO-water day | Watering during (9am-5pm) | Car Wash | Use of hose w/out cut-off valve | Water Leak | Hosing Hardscaped Areas | Watering during or 48 hrs after a rain event |
| 6/22        | 9:30 AM  |            |              | x       |               | x                          |                           |          |                                 |            |                         |                                              |
| 6/22        | 7:55 AM  |            |              | x       |               | x                          |                           |          |                                 |            |                         |                                              |
| 6/22        | 2:18 PM  |            |              | x       | x             | x                          |                           |          | x                               | x          | x                       | x                                            |
| 6/22        | 10:30 PM |            |              |         | x             | x                          |                           |          | x                               | x          |                         |                                              |
| 6/22        | 2:15 PM  |            |              | x       |               |                            |                           |          |                                 |            |                         |                                              |
| 6/22        |          |            |              | x       | x             | x                          |                           |          |                                 |            |                         |                                              |
| 6/23        | 9:00 AM  |            |              | x       |               |                            |                           |          |                                 |            |                         |                                              |
| 6/23        | 9:03 PM  | x          |              | x       | x             |                            | x                         |          |                                 |            |                         |                                              |
| 6/23        | 9:45 AM  |            |              |         |               |                            | x                         |          |                                 |            |                         |                                              |
| 6/23        |          |            |              |         | x             | x                          |                           |          |                                 |            |                         |                                              |
| 6/23        | 9:00 AM  | x          |              |         |               |                            |                           |          |                                 |            |                         |                                              |
| 6/23        | 9:20 AM  | x          |              | x       |               |                            |                           |          |                                 |            |                         |                                              |
| 6/24        | 8:20 AM  | x          |              | x       |               | x                          |                           |          |                                 |            |                         |                                              |
| 6/24        | 8:26 AM  | x          |              | x       |               | x                          |                           |          |                                 |            |                         |                                              |
| 6/25        |          |            |              | x       | x             | x                          |                           |          | x                               | x          |                         | x                                            |
| 6/25        | 2:00 PM  | x          |              | x       |               |                            | x                         |          |                                 |            |                         |                                              |
| 6/26        | 2:30 PM  |            |              | x       |               | x                          |                           |          |                                 |            |                         |                                              |
| 6/26        | 2:40 PM  |            |              | x       |               |                            |                           |          |                                 |            |                         |                                              |
|             |          |            |              |         |               |                            |                           |          |                                 |            |                         |                                              |
| Wk 4 Totals |          | 6          | 0            | 14      | 6             | 10                         | 3                         | 0        | 3                               | 3          | 1                       | 2                                            |

## Water Wasters - June 2015

| Date        | Time     | Sprinklers |              |         | Watering      |                            |                           | Other:   |                                 |            |                         |                                              |
|-------------|----------|------------|--------------|---------|---------------|----------------------------|---------------------------|----------|---------------------------------|------------|-------------------------|----------------------------------------------|
|             |          | Overspray  | Broken Heads | Run-Off | Over watering | Watering on a NO-water day | Watering during (9am-5pm) | Car Wash | Use of hose w/out cut-off valve | Water Leak | Hosing Hardscaped Areas | Watering during or 48 hrs after a rain event |
| 6/15        | 3:25 PM  |            |              |         |               | x                          | x                         |          |                                 |            |                         |                                              |
| 6/15        | 10:43 AM |            |              |         |               | x                          | x                         |          |                                 |            |                         |                                              |
| 6/15        | 11:05 AM |            |              |         | x             |                            |                           |          |                                 |            |                         |                                              |
| 6/16        | 10:45 AM | x          |              |         |               |                            | x                         |          |                                 |            |                         |                                              |
| 6/16        | 12:00 PM |            |              | x       |               |                            |                           |          |                                 |            |                         |                                              |
| 6/16        | 8:05 AM  | x          |              | x       |               |                            |                           |          |                                 |            |                         |                                              |
| 6/16        |          | x          |              | x       |               |                            |                           |          |                                 |            |                         |                                              |
| 6/16        |          | x          |              | x       |               |                            |                           |          |                                 |            |                         |                                              |
| 6/16        | 12:00 PM |            |              |         |               | x                          | x                         |          |                                 |            |                         |                                              |
| 6/16        | 8:35 AM  | x          |              | x       |               |                            |                           |          |                                 |            |                         |                                              |
| 6/17        | 10:34 AM |            |              | x       | x             | x                          | x                         |          |                                 |            |                         |                                              |
| 6/17        | 7:30 AM  | x          |              | x       | x             | x                          |                           |          |                                 |            |                         |                                              |
| 6/17        | 10:40 AM | x          |              | x       |               | x                          |                           |          |                                 |            | x                       |                                              |
| 6/17        | 3:15 PM  |            |              |         |               | x                          |                           |          |                                 |            |                         |                                              |
| 6/17        | 8:30 AM  | x          |              | x       |               | x                          |                           |          |                                 |            |                         |                                              |
| 6/18        | 2:16 PM  |            |              | x       | x             | x                          |                           |          | x                               | x          | x                       | x                                            |
| 6/18        |          |            |              | x       | x             | x                          |                           |          | x                               | x          | x                       | x                                            |
| 6/18        | 7:50 AM  |            |              | x       | x             |                            |                           |          |                                 |            |                         |                                              |
| 6/18        | 8:20 AM  | x          |              | x       |               |                            |                           |          |                                 |            |                         |                                              |
| 6/18        | 8:45 AM  |            |              | x       |               |                            |                           |          |                                 |            |                         |                                              |
| 6/18        | 4:45 PM  | x          |              | x       | x             | x                          | x                         |          |                                 |            |                         |                                              |
| 6/19        | 6:31 AM  | x          |              | x       | x             | x                          |                           |          |                                 |            |                         |                                              |
| 6/19        | 10:22 PM |            |              |         |               |                            |                           |          | x                               |            | x                       | x                                            |
| 6/19        | 7:29 AM  |            |              |         |               |                            |                           |          |                                 |            |                         |                                              |
| 6/20        | 1:32 PM  |            |              |         |               |                            |                           |          | x                               |            | x                       | x                                            |
| 6/21        | 7:51 AM  |            |              |         |               |                            |                           |          | x                               |            | x                       | x                                            |
|             |          |            |              |         |               |                            |                           |          |                                 |            |                         |                                              |
| Wk 3 Totals |          | 11         | 0            | 16      | 8             | 12                         | 6                         | 0        | 5                               | 2          | 6                       | 5                                            |



## Water Wasters - June 2015

| Date        | Time    | Sprinklers |              |         | Watering      |                            |                           | Other:   |                                 |            |                         |                                              |
|-------------|---------|------------|--------------|---------|---------------|----------------------------|---------------------------|----------|---------------------------------|------------|-------------------------|----------------------------------------------|
|             |         | Overspray  | Broken Heads | Run-Off | Over watering | Watering on a NO-water day | Watering during (9am-5pm) | Car Wash | Use of hose w/out cut-off valve | Water Leak | Hosing Hardscaped Areas | Watering during or 48 hrs after a rain event |
| 6/9         | 4:21 AM |            |              | x       | x             | x                          |                           |          |                                 |            | x                       | x                                            |
| 6/9         | 4:22 PM |            |              | x       | x             | x                          |                           |          |                                 |            | x                       | x                                            |
| 6/9         | 7:02 PM |            |              | x       | x             | x                          |                           |          |                                 |            | x                       | x                                            |
| 6/9         | 4:24 PM |            |              | x       | x             | x                          |                           |          |                                 |            | x                       | x                                            |
| 6/9         | 6:18 AM | x          |              | x       | x             |                            |                           |          |                                 |            |                         |                                              |
| 6/11        |         |            |              |         |               | x                          |                           |          |                                 |            |                         | x                                            |
| 6/11        |         | x          |              | x       | x             | x                          |                           |          |                                 |            |                         |                                              |
| 6/11        |         |            |              | x       | x             | x                          |                           |          | x                               | x          | x                       | x                                            |
|             |         |            |              |         |               |                            |                           |          |                                 |            |                         |                                              |
|             |         |            |              |         |               |                            |                           |          |                                 |            |                         |                                              |
|             |         |            |              |         |               |                            |                           |          |                                 |            |                         |                                              |
|             |         |            |              |         |               |                            |                           |          |                                 |            |                         |                                              |
| Wk 2 Totals |         | 2          | 0            | 7       | 7             | 7                          | 0                         | 0        | 1                               | 1          | 5                       | 6                                            |

## Water Wasters - June 2015

| Date        | Time     | Sprinklers |              |         | Watering      |                            |                           | Other:   |                                 |            |                         |                                              |
|-------------|----------|------------|--------------|---------|---------------|----------------------------|---------------------------|----------|---------------------------------|------------|-------------------------|----------------------------------------------|
|             |          | Overspray  | Broken Heads | Run-Off | Over watering | Watering on a NO-water day | Watering during (9am-5pm) | Car Wash | Use of hose w/out cut-off valve | Water Leak | Hosing Hardscaped Areas | Watering during or 48 hrs after a rain event |
| 6/1         | 9:17 AM  |            |              | x       |               | x                          | x                         |          |                                 |            |                         |                                              |
| 6/1         | n/a      | x          |              | x       |               | x                          |                           |          |                                 |            |                         |                                              |
| 6/1         | 9:10 AM  |            |              |         | x             | x                          |                           |          |                                 |            |                         |                                              |
| 6/2         | 8:30 AM  |            |              |         |               | x                          |                           |          |                                 |            | x                       |                                              |
| 6/2         | n/a      |            |              |         | x             |                            |                           |          |                                 |            |                         |                                              |
| 6/2         | 4:38 AM  |            |              | x       |               |                            | x                         |          |                                 |            | x                       |                                              |
| 6/3         | 8:45 PM  | x          |              | x       | x             | x                          |                           |          |                                 |            | x                       | x                                            |
| 6/3         | 10:16 AM | x          |              | x       |               |                            | x                         |          |                                 |            |                         |                                              |
| 6/3         | 3:00 PM  |            |              |         | x             |                            | x                         |          |                                 |            |                         |                                              |
| 6/3         | n/a      |            |              | x       |               |                            | x                         |          |                                 |            |                         |                                              |
| 6/3         | 3:50 PM  | x          |              | x       |               | x                          | x                         |          |                                 |            |                         |                                              |
| 6/4         | 7:40 AM  | x          |              |         |               | x                          |                           |          |                                 |            |                         |                                              |
| 6/5         | 9:00 AM  | x          |              | x       |               |                            | x                         |          |                                 |            |                         | x                                            |
| 6/5         | 8:40 AM  | x          |              | x       | x             |                            |                           |          |                                 |            |                         |                                              |
|             |          |            |              |         |               |                            |                           |          |                                 |            |                         |                                              |
|             |          |            |              |         |               |                            |                           |          |                                 |            |                         |                                              |
|             |          |            |              |         |               |                            |                           |          |                                 |            |                         |                                              |
| Wk 1 Totals |          | 7          | 0            | 9       | 5             | 7                          | 7                         | 0        |                                 |            | 3                       | 2                                            |



EDMUND G. BROWN JR.  
GOVERNOR



MATHEW RODRIGUEZ  
SECRETARY FOR  
ENVIRONMENTAL PROTECTION

## State Water Resources Control Board

Division of Drinking Water

June 15, 2015

Ms. Christy J. Scott  
Regulatory and Public Affairs Manager  
Crescenta Valley Water District  
2700 Foothill Blvd.  
La Crescenta, CA 91214

Dear Ms. Scott:

### **SYSTEM NO. 1910028 – APPROVAL FOR REDUCTION IN TAP MONITORING FOR LEAD AND COPPER**

The State Water Resources Control Board, Division of Drinking Water (Division), is in receipt of the Crescenta Valley Water District's (District) recent request to reduce lead and copper tap monitoring frequency from annual to triennial at the reduced number of sampling sites (30 sites).

Since August 2012, the District has performed annual tap monitoring for three consecutive years in August of 2012, 2013, and 2014. All results were below the 90<sup>th</sup> percentile levels for both lead and copper. In accordance with CCR, Title 22, Section 64675.5, after sampling for three years with no action level exceedance, the frequency may be reduced to once every three years at the reduced number of sites, if the system receives written approval from the Division. The Division hereby grants approval to the District to reduce the lead and copper tap monitoring frequency from annual to triennial at the reduced number of sampling sites (30 sites). The next tap sampling for copper and lead is due August 2017.

If you have questions regarding this letter, please contact Karen Wong at (818) 551-2037.

Sincerely,

A handwritten signature in black ink, appearing to read "Chi Diep", written over a horizontal line.

Chi Diep, P.E.  
District Engineer  
Metropolitan District





EDMUND G. BROWN JR.  
GOVERNOR



MATTHEW RODRIGUEZ  
SECRETARY FOR  
ENVIRONMENTAL PROTECTION

**State Water Resources Control Board**  
Division of Drinking Water

June 16, 2015

Ms. Christy J. Scott  
Regulatory and Public Affairs Manager  
Crescenta Valley Water District  
2700 Foothill Blvd.  
La Crescenta, CA 91214

Dear Ms. Scott:

**SYSTEM NO. 1910028 – APPROVAL FOR REDUCTION IN MTBE MONITORING AT  
WELLS 5, 7, 11, MILLS FOREBAY, ENCINAL RESERVOIR, AND PASCHALL BLEND  
STATION**

The State Water Resources Control Board, Division of Drinking Water (Division), is in receipt of the Crescenta Valley Water District's (District) recent request to reduce Methyl Tertiary Butyl Ether (MTBE) monitoring frequency from weekly to monthly at Wells 5, 7, 11, Mills Forebay, Encinal Reservoir, and Paschall Blend Station.

MTBE was first detected at Well 7 on September 1, 2006, at a level of 29 ug/l which exceeded both primary and secondary MCLs of 13 ug/L and 5 ug/L, respectively. These exceedances resulted in weekly MTBE monitoring performed at Wells 5, 7, 11, Mills Forebay, Encinal Reservoir, and Paschall Blend Station. As shown in the summary of the weekly MTBE results collected at these locations provided by the District, all results collected since October 2010 have been ranged from non-detect (below 0.11 ug/L) to 0.42 ug/L with majority of the results below 0.20 ug/L. As such, the Division approves the District's request to reduce the MTBE monitoring frequency from weekly to monthly at Wells 5, 7, 11, Mills Forebay, Encinal Reservoir, and Paschall Blend Station. If the MTBE level ever shows an upward trend approaching the MCL in the future, the District shall notify the Division immediately and increased monitoring may be warranted.

If you have questions regarding this letter, please contact Karen Wong at (818) 551-2037.

Sincerely,

A handwritten signature in black ink, appearing to read "Chi Diep".

Chi Diep, P.E.  
District Engineer  
Metropolitan District

FELICIA MARCUS, CHAIR | THOMAS HOWARD, EXECUTIVE DIRECTOR