

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, October 6, 2015 at 7:00 p.m.**

Posted: October 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 September 15, 2015.
2. Consideration for attendance at the ACWA Fall Conference to be held December 1-4, 2015 in Indian Wells, CA.

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. **Claim for Damages** – Consideration and motion regarding a Claim for Damages from Roderick & Karen Longpre for the bursting of their water pipes due to replacement of the water service lateral and meter box.
2. **Resolution of Appreciation** – Presentation of a Resolution of Appreciation to Larry R. Byers for his 28 years of service to the District upon the occasion of his retirement.
3. **Public Hearing, on Negative Declaration for Nitrate Removal Treatment Facility for Well 2 at Ordunio Reservoir, Project E-956** – Public Hearing to adopt a negative declaration in accordance with the California Environmental Quality Act (CEQA) for the proposed Nitrate Removal Treatment Facility for Well 2 at Ordunio Reservoir.
4. **Resolution No. 727** – Consideration and motion to adopt a negative declaration and a notice of determination for the proposed Nitrate Removal Treatment Facility for Well 2 at Ordunio Reservoir, Project E-956.
5. **CVWD's Well 2 and Related Facilities at Ordunio Reservoir, Project E-956** – Consideration and motion to authorize the General Manager to enter into an agreement with SA Associates, Inc. to provide professional engineering services for the design of CVWD's Well 2 and related facilities at Ordunio Reservoir for a cost of \$114,000 and establish a contingency amount of 11,400 (10% of contract) to cover the cost of unforeseen or additional work.

6. **Well 16 Building and Related Facilities, Project E-940** – Consideration and motion to authorize the General Manager to enter into an agreement with Cannon Corporation for quality control inspection services related to the construction of the Well 16 building and related facilities at a cost of \$69,380.

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 –September 1 - 30, 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
September 15, 2015

Pursuant to the order of the Board of Directors of the Crescenta Valley Water District, made at the Regular Meeting of September 1, 2015, an Adjourned Regular Meeting was held on September 15, 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:	Roland Trinh
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 Kathy Ross, FMWD Director

PLEDGE OF ALLEGIANCE

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

ADOPTION OF AGENDA

It was moved by Director Bodnar, seconded by Director Erickson and carried by a 5-0 vote that the Agenda for the Adjourned Regular Meeting of September 15, 2015 be amended to move Action item #5 between Action item #1 and Action item #2.

PUBLIC COMMENT – None

FOOTHILL MUNICIPAL WATER DISTRICT REPORT – Kathy Ross reported that at the last FMWD Board Meeting they discussed the nomination for the various ACWA Region 8 positions. They also had a Water Resource Committee meeting to discuss recommendation of SA Associates for the UWMP. Also she attended the Descanso Gardens events and said it went really well, and went over the allotted time scheduled. They discussed supporting the Delta Tunnels and that Mr. Atwater said there is another MWD tour of the Delta on October 9th and 10th.

CONSENT CALENDAR

It was moved by Director Tejeda, seconded by Director Bodnar and carried by a 5-0 vote to approve the Minutes of the Regular Board Meeting held on September 1, 2015, and to ratify the disbursements for August 2015 which consisted of:

Payment of demands against the Crescenta Valley Water District on or before August 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 Five Hundred Thirty Three Thousand One Hundred Forty Dollars and Twenty Two cents (533,140.22), which is composed of the individual items set forth herein.

ACTION CALENDAR

Appeal of a High Water Bill – Mr. McPherson addressed the Board regarding the leak on his property at 2533 Olive. He explained that a sprinkler valve that he had not used in approximately 10 years was broken and he has now turned off the valve. Mr. Mitchell explained that staff has processed the maximum \$300 adjustment and in similar situations the Board has directed staff to recalculate the bill charging only a tier 2 rate for all usage over the average consumption for that period. This customer normally only uses 10 units for this billing period and was billed for 212 units. By recalculating the 202 units at the tier 2 rates the adjustment would be for \$873.48, and since staff has already credited the account for the \$300.00, the additional adjustment would be for \$573.48.

Following discussion:

It was moved by Director Bodnar, seconded by Director Claessens and carried by a 5-0 vote to authorize the General Manager to provide an additional credit of \$573.48 with an amortization schedule for up to two years of the balance due on the account.

Lower Pickens Canyon Pipeline Crossing Repair, Project E-957 – Mr. Gould reported that last May 30th, the 8" water main that crosses Pickens Canyon had a break and was repaired with a stainless steel clamp to restore water to the area. The pressure in the pipeline is 150 psi and the natural slope above and below the pipeline was severely eroded by the water. The existing pipeline was also undermined and there is no soil supporting it. Staff and the Engineering Committee have met to discuss the project at length. Mr. Gould provided an overview and AMEC Foster Wheeler discussed the geotechnical investigation of the area that was eroded. Mr. McGregor discussed the property line mapping, topography and the location of the pipeline, and recommended that a temporary erosion control plan be implemented in the short-term to minimize any further erosion during the upcoming rainy season. It was suggested by the Engineering Committee that staff should proceed with preparing and installing temporary erosion control measures to protect the pipeline and slope. Mr. Gould suggested for staff to proceed with the design and construction of a temporary erosion control system for a cost of \$60,000, and have staff meet with the property owners to discuss the project.

Following discussion:

It was moved by Director Bodnar, seconded by Director Tejeda to authorize the General Manager to enter into agreements for the design and construction of temporary erosion control measure for the Lower Pickens Canyon pipeline crossing at a cost of \$60,000.

It was moved by Director Claessens, seconded by Director Bodnar and carried by a 5-0 vote to amend the original motion to allow the General Manager more discretion on use of the money for up to \$100,000.

ACWA Region 8 Elections – Mr. Mitchell reported that it is time to elect the 2016-17 ACWA Region 8 officers and board members who will represent and serve the members of Region 8. Staff received a ballot that has a slate of candidates identified by the Region 8 Nominating Committee for the officers and board member positions. The District could vote the slate as presented or cast votes for individual candidates for the 2016-17 terms.

Following discussion:

It was moved by Director Bodnar, seconded by Director Tejeda and carried by a 5-0 vote to cast the District's vote for the Nominating Committee recommended slate.

Management Positions – Superintendent and Program Specialist – The Board had several questions for legal counsel regarding this matter and discussed differing this matter to the October 20, 2015 Board meeting in order to allow more time to gather information.

Following discussion:

It was moved by Director Bodnar, seconded by Director Tejeda and carried by a 5-0 vote to table the discussion for the reclassification of the Program Specialist.

Water and Wastewater Cost of Service Study, Project M-958 – Mr. Gould reported that staff prepared and sent a request for proposal (RFP) to nine (9) consulting firms that provide Water and Wastewater Cost of Service Study services for other water and wastewater agencies throughout Southern California. The proposal was due on September 2, 2015 and three (3) firms provided proposals. The budget for this study is \$120,000. Staff has reviewed each proposal and provided input at the Engineering and Financial Committee meetings. Staff has recommended Raftelis Financial Consultants at a cost of \$117,266.

Following discussion:

It was moved by Director Bodnar, seconded by Director Claessens and carried by a 4-1 (Erickson) vote to authorize the General Manager to enter into an agreement for the Water and Wastewater Cost of Service Study with Raftelis Financial Consultants.

INFORMATION ITEMS – None.

WRITTEN COMMUNICATIONS TO DISTRICT – None.

REPORTS OF PERSONNEL

SECRETARY-TREASURER – Mr. Mitchell reported that last week he attended a CUEMA Summit in San Diego. The 1st presentation was on managing conflict. It was called Win-win Conflict Resolution, the 2nd was Workforce Development, 3rd was Anatomy of Today's Boardrooms, talking about the dynamics of the board room, and the 4th was Work/Life Balance. He also reported that today he purchased a US Treasury for \$1M at 1.55% yield.

GENERAL MANAGER – Mr. Love reported that the Crescenta Valley community continues to exceed the State mandated water conservation goal of 24%. August water production was 3.61 MGD compared with 5.11 MGD in 2013 representing a 29% reduction in water use. Cumulative water consumption June to August was 3.49 MGD compared with the conservation target of 3.75 MGD. This month there are six staff anniversaries: Bryan Jones – 20 years; Lynne Sovich – 11 years; Brook Yared – 8 years; Pete Hilke and Cesar Avila – 3 years; and Alan Verdi – 2 years. As of September 1st, we have worked 448 days without a lost time accident. August meetings that the General Manager attended included; August 4th – National Night Out, August 7th – Civic Alliance Breakfast with Congresswoman Judy Chu, August 13th – Water System Tour – SCADA/Electrical.

DISTRICT ENGINEER

Water Production – For the period of September 1 through September 10, 2015, water production averaged 35.2 million gallons per day, which is **25.7% less** than the daily average production of the same period in 2014. This is **30.7% less** from the daily average production of the previous five years. SWRCB Conservation – 29.3% less than June 2013- February 2014 period.

Rainfall: August 2015	0.00"
Season-to-date:	12.28"

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

Rainfall Update – 0.00" for August 2015. Rainfall total for 2014-15 is at 12.28".

Report on Engineering:

CIP Projects – Ocean View Chlorination Project – Building – Mobilization – Early November 2015. Treatment Equipment – Shop Drawing Review. Electrical Work – Finalizing design. Site work for CVWD crews - Scheduled for October 2015. Oak Creek MCC – Project complete. Pipeline Projects – Under design. 2600 Block Harmony – 2700 Block Brookhill – 3900 Block Park Place – 2800 Block Prospect – 4400 Block Glenwood. Well 16 – Pipeline & Building – Building & Facilities – Mobilization - September 14, 2015. Pipeline – Completion date – September 11, 2015. Pickens Canyon Slope Repair – To be discussed at meeting.

Water and Wastewater Cost of Service – To be discussed at meeting.

Crescenta Valley County Park -Local Groundwater Assistance Grant – Preliminary report – 45% complete. Task Force Meeting – Tentative set for October 2015.

Nitrate Removal Treatment Facility at Well 2 Project – Grant application – Preliminary approval – November 2015. Sent out RFP for Design services – Award –

October 2015. CEQA – Negative Declaration – Review period – August 28 – September 29, 2015. Public Hearing – October 6, 2015.

ULARA – Administrative Committee Meeting – October 21, 2015.

La Canada Flintridge – Water Committee – No Report.

Water Meter Replacement Program: FY 15/16 Water Meter Replacement Program – replaced 65 meters to date.

Report on Administrative and Field Operations:

Well Status – Well production capacity – Averaging 2.0 MGD for September

Field Maintenance and Operations update for July 1 – July 15, 2015

Water lateral leaks & repairs

- 2336 Henrietta Ave.
- 2614 Pontiac
- 3037 Prospect
- 4355 Rosemont
- 2156 Crescent
- 5439 Ocean View Blvd.
- 2463 Montrose
- 1956 Waltonia

Water Main Leaks – Pennsylvania & Altura – Mills Pump line

Sewer Maintenance – 4100 - 4500 Block of Rosemont. 2300 Blocks Chapman, Orange Cove, Panorama, El Moreno, Mountain & Los Amigos. 4800 & 4900 Blocks El Sereno. 4500 – 4800 Blocks of Briggs, including easement areas. 2400 – 2500 Blocks Foothill. 4400 Block Sunset. 2400 – 2500 Blocks Mary and Community.

PROGRAM SPECIALIST – No Report

INFORMATION TECHNOLOGY – Mr. Hass reported that it has been 1 year since the District started taking credit cards for payments. Customers like using their credit cards a lot. He also reported that the Bureau of Reclamation has assigned some money for smart grid propellers and for gas and now it is flowing over into the Federal level. Staff will be looking into some grants that could be available for smart meters and then we could accelerate the water meter replacement program.

ATTORNEY – No Report

REPORTS OF COMMITTEES

Engineering Committee – Director Putnam reported that the Committee met on September 11, 2015 at 8:00 a.m. and discussed the Lower Pickens Canyon Pipeline Crossing Repair; they reviewed the Water and Wastewater Cost of Survey Rate Study, Project M-958, and the FY 15/16 CIP Project Budget and Schedule.

Finance Committee – Director Bodnar reported that the Committee met on September 11, 2015 at 4:00 p.m. and reviewed the Proposal for the Water and Wastewater Cost of Service Rate Study, Project M-958

Employee Relations Committee – Director Erickson reported that the Committee met on September 11, 2015 at 10:30 a.m. and discussed the Superintendent and Program Specialist management positions.

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 – No Report

Director Erickson reported that he attended the Descanso Gardens event and to pick up his rain barrels. He also said in the AWCA News, East Valley received a grant for budget based billing. DWR has put up \$30M for turf & toilet rebates, which is statewide, however MWD is not eligible.

Director Tejeda – No Report

Director Bodnar reported that he attended the Employee Relations & Finance Committee meetings on September 11th. He also attended the Descanso Gardens Event where he picked up his rain barrels and he gave a presentation.

Director Putnam – No Report

CLOSED SESSION – None

ADJOURNMENT

There being no other business to come before the Board at 9:10 p.m., it was moved by Director Bodnar, seconded by Director Tejeda and carried that the meeting be adjourned to October 6, 2015 at 7:00 p.m.

APPROVED

Kenneth R. Putnam
President

Ron L. Mitchell
Secretary-Treasurer

CONSENT ITEM #2

ACWA FALL CONFERENCE

DECEMBER 1-4, 2015

INDIAN WELLS, CA



Association
of California
Water Agencies

Since 1910

Leadership • Advocacy
Information • Service



2015: A GAME CHANGER

ACWA's 2015 Fall Conference & Exhibition
December 1-4, 2015 * Indian Wells



2015: A GAME CHANGER

ACWA's 2015 Fall Conference & Exhibition
December 1-4, 2015 * Indian Wells



Greetings!

I would like to cordially invite you to attend ACWA's 2015 Fall Conference & Exhibition, "**2015: A Game Changer**" December 1-4, at the Renaissance and Hyatt Regency in Indian Wells, California.

California Water Agencies are on the front lines in meeting the state's conservation targets in response to Governor Brown's April 1 emergency executive order mandating an across-the-board 25% reduction in water usage. Agencies are sending the conservation message to their customers through an array of programs and

activities to reduce water use, stretch existing supplies and protect remaining water reserves, while ACWA is taking the lead role in developing this message and reaching all areas of the state.

Along with unprecedented drought conditions, increasing regulatory, environmental, and economic pressures are pushing water agencies across California to work to find new ways to provide reliable and affordable service to their customers. During conference week you will be able to choose from over 80 meeting and program sessions to help you stay informed and updated on a variety of these local, statewide and federal water issues and policies – important and critical information that you can take back to your agencies and organizations. There will be legal, finance, energy, drinking water operator contact hours, and human resources programs scheduled for professionals seeking continuing education credits. And, as always, there will be multiple opportunities to network and connect with California's water community leaders.

The ACWA Exhibit Hall will be filled with vendors whose products and services may offer you just the right solutions. From legal, financial and public relations needs, along with software solutions, construction, design and engineering, don't miss your chance to see what is new in the water industry.

Visit www.acwa.com for more information to come as conference program sessions and keynote speakers are confirmed.

I look forward to seeing you in Indian Wells!

John A. Coleman
ACWA President



SWRCB Chair Felicia Marcus Set to Speak at Town Hall

**Thursday, Dec. 3
9:30 – 11:00 AM**

*Urban Conservation
Regulations: Drought
or No Drought*

Californians and their water suppliers have stepped up to meet unprecedented emergency urban conservation regulations that have resulted in significantly reduced water use (and water agency revenues) statewide. Will continued or new water conservation regulations be imposed in 2016, drought or no drought?

Dinner at the Palm Springs Air Museum

Thursday, Dec. 3 | 7:00 – 9:30 PM



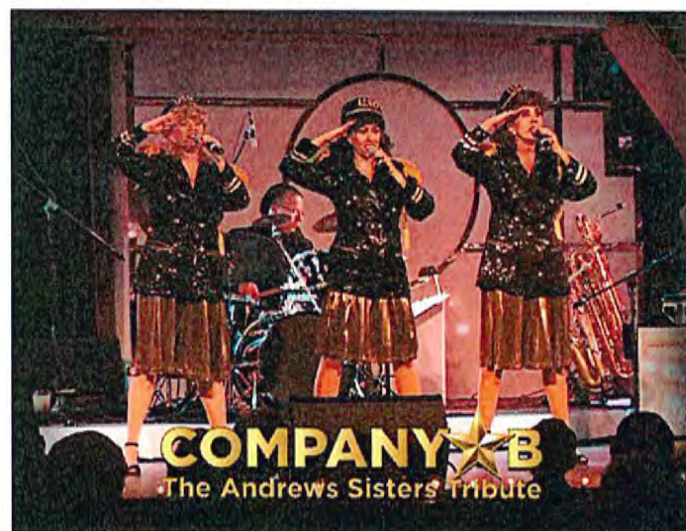
ACWA's Thursday night dinner will take place at the Palm Springs Air Museum. The Museum is a living history museum dedicated to educating the public about the role Air Power played in preserving American liberties and way of life. The Museum preserves, exhibits, and flies aircraft from World War Two, Korea, and the Vietnam Wars. Most of the aircraft are in flyable condition. Many of our docents are veterans and are willing to share their experiences and sacrifices for the education of future generations. In addition to flyable and static aircraft, the Museum uses permanent and temporary exhibits, related artifacts, artwork, and library sources to perpetuate American History.

Also on tap is entertainment by Company B – a tribute to The Andrews Sisters that is extraordinary! Brimming with energy, excitement and camaraderie, these three ladies bring the 40's era back to life with some of the finest music ever recorded. Their upbeat 3 part harmonies brighten the spirits of Americans at home and abroad.

From "Boogie Woogie Bugle Boy" & "Don't Sit Under The Apple Tree" to "I'll Be With You In Apple Blossom Time" these 'Sweethearts of the U.S.O.' captivate an audience with a rich vocal blend that only true sisters have. Their can do singing style is truly distinctive and will dazzle you as you sing along.

ACWA will provide shuttle service to and from the Conference host hotels. A shuttle schedule will be available on-site.

Meal ticket is required. Attire is casual.



Former U.S. Secretary of the Interior Bruce Babbitt Shares Perspective

Thursday General Session & Luncheon
Dec. 3 | 11:45 – 1:45 PM

With California mired in continued drought and impacts rippling through the state with reduced water supply and historic fires, ACWA members are continuing water conservation efforts and finding solutions to California's aging infrastructure. Bruce Babbitt, a former governor of Arizona who served as Interior secretary from 1993 to 2001, will provide his unique perspective on water issues and the environment. Babbitt was actively involved in addressing and negotiating agreements on the Bay-Delta and the Lower Colorado River during his tenure at Interior.

Local Government Tackles Big Issues Together

Friday Breakfast
Dec. 4 | 8:30 – 10:00 AM

ACWA, the League of California Cities, and the California State Association of Counties have come together as a coalition to tackle some of the most pressing water problems facing local government today. On the menu: water conservation pricing, stormwater infrastructure financing, and voluntary lifeline rates.

STATEWIDE & REGIONAL ISSUES

STATEWIDE ISSUE FORUMS

Wednesday, Dec. 2 | 10:00–11:30 AM

Godzilla vs. the Blob: Which Weather Monster Will Win?

Predictions about whether California will be faced with a Godzilla El Niño or a Blob or some other monster condition are changing daily. An El Niño, which is a warm water swath near the equator, that occurs roughly every two to seven years, could steer massive storms toward California. The Blob, which is a giant pool of warm water off the West Coast has been blocking storms from reaching California over the past few years.

The outcome of this battle between climactic monsters remains to be seen, but no matter what, the weather will be the game changer for 2016. Come hear the experts predict the outcome and what it means for our drought-stricken state.

Wednesday, Dec. 2 | 2:00–3:15 PM

How do we continue to Finance Water Projects?

California has experienced a successful decades-long run of funding delivered from local and regional water agencies and General Obligation water bonds. Proposition 1 passed the statewide ballot with \$7.545 billion in funding for many categories of water projects. But, is the luck with voters ever going to run out? Does California have the appetite to continue to fund water projects through the general obligation bond process and is it enough to satisfy the demand? A public goods charge is one alternative that has been raised. What are the other ways that funding could be raised for water projects in the state? Come hear different perspectives on the best ways to fund development and sustainability of water in California into the future.

Wednesday, Dec. 2 | 3:30–4:45 PM

Affordable Safe Drinking Water for All: What Works, and What's in the Works?

The State of California recently released a Framework document that outlines proposed strategies intended to ensure that every Californian has access to an adequate supply of safe drinking water. The Framework includes the mandated consolidation of some public water systems and management assistance by third-party contractors. Learn more about the Framework and how the State, water agencies and other organizations are working to address this critical issue.

Thursday, Dec. 3 | 2:00–3:15 PM

Four Years and Counting: Is the Drought a Catastrophe, or Are We Showing Resilience?

California's millennial drought has spawned competing narratives about the state's readiness for prolonged

water shortages. While some argue that the state's water management system was unprepared for the current drought, others say extensive local and regional investments equipped us to respond and have allowed California's \$1.9 trillion economy to remain relatively unscathed in a fourth dry year. Hear various perspectives on whether the drought is sending California over the cliff or whether it's proving how resilient we continue to be.

REGIONAL ISSUES

Wednesday, Dec. 2 | 10:00–11:30 AM

Region 10 Program: Making the Best Use of Desalination

Desalination is a tool that produces a reliable source of high quality water, but is expensive in time, energy, and money. Deciding how best to use desalination as part of a water supply strategy depends on many local and regional factors. Some agencies need a highly reliable base water supply and are willing to pay a lot for it. Some agencies need a new source of water supply to sustain their groundwater basin and others need to address long term salt balance issues in their region. Alternatively, other agencies may have ways to use desalination to augment supply that becomes highly cost effective in its own right. In this session, agencies that are using desalination will describe their strategies, considerations and decisions to proceed.

Wednesday, Dec. 2 | 2:00–3:15 PM

Region 2 Program: Storage

Region 2 is hosting a program that will explore the benefits of off stream storage in Northern California. With funds available through Proposition 1, less snow fall for the winter snow pack and continued demand for water throughout California there is an increased need for more storage capacity for California's water supply. Attendees will hear diverse perspectives about the benefits of building the Sites Reservoir project.

Thursday, Dec. 3 | 9:30–11:00 AM

Region 5 Program: Atmospheric Rivers & Weather Forecasting Technology

Early warnings for extreme weather, like atmospheric rivers, will be increasingly important in years ahead. More time for water managers to make complex decisions and preparations in the face of incoming weather patterns will allow for prudent decisions to be made when managing a water supply portfolio. Region 5 is hosting a program that will educate attendees on weather forecasting technology and its potential benefits to the future of water management.



EXHIBIT HALL

WHERE:

Esmeralda Ballroom, Renaissance Indian Wells

WHAT'S HAPPENING IN THE HALL...

- **Dedicated Exhibit Hall Hours**
One-on-one time with vendors from around the United States whose products and services may offer you just the right solutions
- **Popular Tuesday Welcome Reception (5-6:30 PM)**
Enjoy exhibitor sponsored appetizers while connecting with the water community.
- **Win a Conference Registration Package or CASH!**

NEW! Wednesday Beer & Wine Mixer Hosted by Exhibitors (4:30-5:30 PM)

Enjoy another opportunity to mix & mingle with your colleagues and ACWA Exhibitors.

Interested in Exhibiting?

Visit www.acwa.com for details.

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CONFERENCE PROGRAMS

Programs are subject to change without notice.

Attorneys Programs

These programs are approved by the State Bar of California for attorneys to receive general MCLE credits.

Wednesday, Dec. 2 | 10:00–11:30 AM

How Does the Public Trust Doctrine Apply to Groundwater in California, or Does It?

Does the public trust doctrine apply to groundwater extractions? What is the connection between groundwater extraction and surface water flows and who's responsibility is it to evaluate that connection, the courts or regulatory bodies? In the case of *Environmental Law Foundation v. State Water Resources Control Board, Siskiyou County*, a superior court determined that the public trust doctrine may apply to groundwater extractions, but that decision is on appeal. In the Sustainable Groundwater Management Act, the Legislature requires groundwater management agencies to develop groundwater management plans that, among other things, avoid depletions of interconnected surface water that have significant and unreasonable adverse impacts on beneficial uses of surface water. The panel will discuss the public trust doctrine in the context of groundwater rights and regulation in California, the implications of judicially created doctrine, and the impacts of legislation such as SGMA.

Wednesday, Dec. 2 | 2:00–3:15 PM

Pricing Water in a Time of Drought

As the drought continues to impact water users throughout the state, water providers that have imposed tiered rates may wonder if those rates can survive legal challenges in light of the recent Prop. 218 case *Capistrano Taxpayers Association, Inc. v. City of San Juan Capistrano*. This presentation will address recent court guidance regarding the propriety and risks (or lack thereof) of using tiered rates under Proposition 218 and the consequences of having tiered rates that do not meet Prop. 218's requirements, how tiered rates might be validated and thus shielded from litigation, and alternatives to tiered rates that may avoid conflicts with Prop. 218.

Thursday, Dec. 3 | 9:30–11:00 AM

You Mean Just Having a Water Right Isn't Good Enough? How the ESA, Streambed Alteration Agreements, and the Clean Water Act are all Curtailing the Exercise of Water Rights

Whether your water right is senior or recently acquired, there was a time when obtaining that right was the culmination of a long and hard-fought battle to get the water you needed. Recent cases and regulatory changes are throwing up new hurdles that make getting the water you need more of a marathon than a sprint. Join us for this panel as we explore

the effect of the Endangered Species Act, Streambed Alteration Agreements, and the recent regulatory action of Waters of the US on water rights.

Aquatic Resources Subcommittee Program

Wednesday, Dec. 2 | 2:00–3:15 PM

Constructed Wetlands: Wildlife Wonderlands

Water agencies throughout California are using constructed wetlands to improve water quality, manage storm water flows and protect against flooding. While constructed wetlands are valuable for managing water quality and quantity, they also provide a myriad of benefits for wildlife. Similarly, farmers are managing flooded croplands to achieve multiple benefits similar to those provided by constructed wetlands. Learn about various wetland projects that have been implemented throughout the state and the multiple benefits that they are providing, including valuable habitat for wildlife.

Communications Committee Program

Wednesday, Dec. 2 | 10:00–11:30 AM

#DroughtWins, #DroughtFails and #HowLongDoWeHaveToDoThis?

When it comes to customer outreach, local water agencies pulled out all the stops this year to meet state-mandated conservation targets. Hear what worked, what didn't, and what agencies are planning through the remainder of the State Water Resources Control Board's emergency conservation regulations.

Energy Committee Programs

These programs may count towards the Certified Energy Manager (CEM) continuing education credit.

Wednesday, Dec. 2 | 10:00–11:30 AM

The Smart Grid: How Changing Energy Portfolios are Driving a Modernization of the Electrical Grid

Driven by increasing amounts of renewable energy generation, electric utilities are on the cusp of a major transition that will change the structure and function of the entire electrical grid. Learn about the challenges and opportunities that may arise during this transition, and the role of water utilities in the new electrical grid.

Wednesday, Dec. 2 | 3:30–4:45 PM

Getting off the Grid: Microgrids

Innovative microgrid projects are being implemented throughout the state to allow access to distributed energy resources at the building, facility, and community scale. Learn how microgrids are currently being utilized to provide reliable electricity from a diverse array of renewable energy sources, while reducing transmission distance and maximizing efficiency.

Finance Programs

CPAs may receive continuing education credit by attending these programs.

Wednesday, Dec. 2 | 10:00–11:30 AM

Fiscal Health vs. Pricing for Conservation

Many agencies have an overall rate scheme such that when sales fall, revenue falls even faster. A fixed rate component and steep inclining block rates meet needs under normal sales forecast, but in times of drought fixed revenues fail to cover fixed costs. This is a huge concern of your rating agency and investment community, and an obstacle hindering strong financial performance. Hear how to avert downward pressure on your rating and mitigate volatility risk while still encouraging conservation from a diverse panel of experts.

Wednesday, Dec. 2 | 3:30–4:45 PM

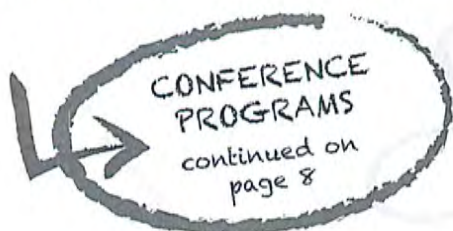
Consequences of the Balance Sheet Advent of PERS and OPEB Liabilities and Funding Strategies

Huge liabilities for the unfunded portions of PERS and OPEB related to our agencies were always there but were buried in the notes to the financial statements. Now they are magically appearing on our balance sheets. How will these liabilities impact our credit ratings? What impact do they really have to our financial position and how do we communicate that impact to our customers and investors? What are the best strategies available to fund these liabilities? Hear from a diverse group of leading experts to get your questions answered.

Thursday, Dec. 3 | 9:30–11:00 AM

Utility Billing Strategies

Implementing a new billing system could be a massive multi-year, multi-million-dollar undertaking. Annual support fees and licensing eat up your administrative budget. Modifications for conservation pricing and penalty assessments are complex and costly. Consistent quality service from your provider is not a given. What about outsourcing? What issues may arise from a cost sharing arrangement? What other strategies are available for an efficient and effective billing system? Come hear from a diverse panel of experts to get your questions answered.



Special Thanks to Our Sponsors

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ACWA/JPIA

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Cucamonga Valley Water District

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Three Valleys Water District

Todd Groundwater

INTERESTED IN SPONSORSHIP?

Contact Jacob Rowe at 916-441-4545
or email JacobR@acwa.com

CONFERENCE PROGRAMS

continued from page 7

Human Resources Programs

These programs may count as electives towards JPJA's HR Certification Program for HR Professionals.

Wednesday, Dec. 2 | 10:00–11:30 AM

From Oh Shucks To Oh Sure, What to Do When OSHA Knocks On Your Door!

The presentation will discuss steps agencies should take to help avoid workplace accidents and injuries, as well as in preparation of potential workplace investigations by Cal-OSHA. You will learn what to do in the event of an OSHA investigation, whether the investigation is announced in advance or is a surprise. Finally, we will discuss what to do in the event OSHA issues as citation.

Wednesday, Dec. 2 | 2:00–3:15 PM

New Developments in Personnel Law; What You Don't Know Can Hurt You

California's laws governing employer/employee interactions are some of the most complicated in the country. California extends its legislative and rule-making authority into virtually every aspect of the employment relationship, and can be a trap for an unwary employer. Most employers try hard to follow the law, pay good wages, and treat their employees fairly. However, good intentions aren't always enough. This program is designed to make certain you are up to date on the new California laws impacting the workplace, and will be well prepared to implement any changes the new laws require.

Thursday, Dec. 3 | 9:30–11:00 AM

Avoiding the Brain Drain: Capturing the Nuggets Before Retirement

With close to forty percent of water agency employees in the country reaching retirement age in the next five years, capturing the treasure trove of knowledge retained by those individuals has never been a greater challenge. How is this critical knowledge captured? How can it be sifted and categorized to enable others to access it? This engaging session will address those questions by presenting processes, tips and checklists that you can take back to your agency to enable you to build your treasure chest immediately. Then going forward, when someone leaves your organization – such as retirement or moving on to other opportunities – you can retain those sparkling jewels of information that will keep your organization gleaming during personnel transitions.

Water Industry Trends Programs

These programs may qualify for attendees to receive drinking water certification credit approved by the State Water Resources Control Board.

Wednesday, Dec. 2 | 2:00–3:15 PM

Groundwater Management and the Act: Where We Have Been and Where We Are Going Under SGMA

It has been over a year since California passed the landmark Sustainable Groundwater Management Act (SGMA). New implementing regulations are being put in place and significant local agency formation efforts are underway, yet groundwater management is under increasing scrutiny. Come hear an assessment and some perspective of where California has been and where we are going under SGMA, from a widely-respected water agency manager, decision-maker, and thought-leader at the heart of the action during this momentous era.

Thursday, Dec. 3 | 9:30–11:00 AM

California Water Agencies Take Action on Chromium-6

California recently became the first state in the nation to regulate hexavalent chromium in drinking water and water agencies around the state are taking action to comply with the new standard. This panel will take an in-depth look at how water agencies are responding to this new regulation.

Thursday, Dec. 3 | 2:00–3:15 PM

Water Storage Investment Program Update

The California Water Commission has developed draft regulations and guidelines that will establish the "rules of the road" for allocating Proposition 1's \$2.7 billion for new storage projects. Learn more about the Commission's process and other key issues related to the development of new storage projects in California.

Federal Issues Forum

Thursday, Dec. 3 | 2:00–3:15 PM

Attendees will hear updates and conversation on pending U.S. Bureau of Reclamation and U.S. Army Corps of Engineers' issues of interest to ACWA members.

2015: A GAME CHANGER

ACWA's 2015 Fall Conference & Exhibition * Indian Wells
December 1-4, 2015 | PRELIMINARY AGENDA

ACWA/JPIA - MONDAY, NOV. 30

8:30 – 10:00 AM

- Employee Benefits Program Committee Meeting

10:15 – 11:15 AM

- ACWA/JPIA Executive Committee

1:30 – 4:00 PM

- ACWA/JPIA Board of Directors

4:00 – 5:00 PM

- ACWA/JPIA Town Hall

5:00 – 6:00 PM

- ACWA/JPIA Reception

TUESDAY, DEC. 1

8:00 AM – 6:00 PM

- Registration

8:30 AM – 3:00 PM

- ACWA/JPIA: Seminars

10:00 – 11:45 AM

- Groundwater Committee
- Water Quality Committee

11:00 AM – Noon

- Outreach Task Force

Noon – 2:00 PM

- ACWA 101 & Luncheon
- Committee Lunch Break

1:00 – 2:45 PM

- Energy Committee
- Finance Committee
- Scholarship & Awards Subcommittee
- Water Management Committee

2:00 – 4:00 PM

- SDLF Special District Administrator Certification Test

1:30 – 3:30 PM

- ACWA/JPIA: Sexual Harassment Prevention for Board Members & Managers (AB 1825)

3:00 – 4:45 PM

- Communications Committee
- Federal Affairs Committee
- Local Government Committee
- Membership Committee

5:00 – 6:30 PM

- Welcome Reception in the Exhibit Hall

WEDNESDAY, DEC. 2

7:30 AM – 5 PM

- Registration

8:00 – 9:45 AM

- Opening Breakfast *(Ticket Required)*

9:00 AM – Noon & 1:30 – 5:00 PM

- Exhibit Hall

10:00 – 11:30 AM

- Attorneys Program
- Communications Committee Program
- Energy Committee Program
- Exhibitor Technical Presentations
- Finance Program
- Human Resources Program
- Region Issue Forum
- Statewide Issue Forum

11:30 – 11:45 AM

- Prize Drawing in the Exhibit Hall

11:45 AM – 1:45 PM

- General Session & Luncheon *(Ticket Required)*

2:00 – 3:15 PM

- Aquatic Resources Subcommittee
- Attorneys Program
- Exhibitor Technical Presentation
- Human Resources Program
- Region Program
- Statewide Issue Forum
- Town Hall
- Water Industry Trends Program

3:30 – 4:45 PM

- Energy Committee Program
- Exhibitor Technical Presentation
- Finance Program
- Statewide Issue Forum
- Water Industry Trends Program

4:00 – 6:00 PM

- Legal Affairs Committee

4:30 – 5:30 PM

- Beer & Wine Mixer - Hosted by Exhibitors

5:30 – 7:00 PM

- CalDesal Hosted Mixer
- CH2MHILL Hosted Reception

THURSDAY, DEC. 3

7:30 AM – 4 PM

- Registration

8:00 AM – Noon

- Exhibit Hall

8:00 – 9:15 AM

- Networking Continental Breakfast *(Ticket Required)*

9:30 – 11:00 AM

- Attorneys Program
- Exhibitor Technical Presentations
- Finance Program
- Human Resources Program
- Region Issue Forum
- Statewide Issue Forum
- Town Hall
- Water Industry Trends Program

9:30 – 11:45 AM

- Ethics Training (AB 1234)

11:00 – 11:30 AM

- Prize Drawings in the Exhibit Hall

11:45 AM – 1:45 PM

- General Session & Luncheon *(Ticket Required)*

2:00 – 3:15 PM

- Attorneys Program
- Exhibitor Technical Presentations
- Federal Issues Forum
- Statewide Issue Forum
- Water Industry Trends Program

3:30 – 5 PM

- Regions 1 – 10 Membership Meetings

5:30 – 6:30 PM

- Outreach Reception

7:00 – 9:30 PM

- Dinner & Entertainment *(Ticket Required)*

FRIDAY, DEC. 4

8:00 – 9:30 AM

- Registration

8:30 – 10:00 AM

- ACWA's Hans Doe Past Presidents' Breakfast in Partnership with ACWA/JPIA *(Ticket Required)*

OTHER EVENTS

TUESDAY, DEC. 1

7:30 AM

- ACWA Fall Conference Golf Tournament
Sponsored by Deloach & Associates, Inc. and NBS

THURSDAY, DEC. 3

6:45 – 8:30 AM

- San Joaquin Valley Agricultural Water Committee

All conference programs are subject to change.

REGISTRATION TERMS & CONDITIONS

ACWA 2015 Fall Conference & Exhibition

Renaissance & Hyatt Regency, Indian Wells

DEC
1-4
2015

Register online @ acwa.com

Regular registration and cancellation deadline is November 9, 2015 - 4:30 p.m. (PST)

WHO IS ELIGIBLE FOR "ACWA ADVANTAGE" PRICING?

ACWA Advantage pricing is available to the following registrants:

- An officer or director of an ACWA member agency.
- A person directly employed by an ACWA public agency member, affiliate or associate organization. This does not include independent contractors, service providers, or third-party vendors.
- Any ACWA board member whose fee is paid for by member agency.
- Any state or federal administrative or legislative personnel in elected, appointed or staff positions.
- Staff of ACWA/JPIA and Water Education Foundation.
- Any individual or honorary life member of ACWA.

ONE-DAY REGISTRATION

By choosing a Wednesday registration, you are entitled to attend the Welcome Reception on Tuesday evening and all programs on Wednesday. By choosing a Thursday registration, you are entitled to attend all programs on Thursday and the capability to attend the Friday closing breakfast, with the purchase of a meal ticket.

CANCELLATIONS & CHANGES

All registration changes and cancellations must be made in writing by the event registration deadline. Valid cancellation requests will receive a refund of any registration fees paid minus a \$75 processing charge. For payments originally made by credit card, refunds can be issued back onto the credit card within 60 days. Otherwise, a refund will be issued by check. No refunds or registration changes will be granted after the registration deadline. Submit request in writing to Teresa Taylor at TeresaT@acwa.com.

SUBSTITUTIONS

Event registrations are transferable from one participant to another within the same organization. Please submit your request in writing before the event registration deadline to Teresa Taylor at TeresaT@acwa.com. Include the original registrant's name, the new person's name, title and email address with your request. After the registration deadline, substitutions will be handled on-site. Only one substitution is permitted per original registrant. The individual submitting the substitution request is responsible for all financial obligations (including any balance due) associated with the original registration. There is no fee to transfer an eligible registration.

SPECIAL REQUESTS & ACCOMMODATIONS

Special requests must be submitted in writing to Teresa Taylor at TeresaT@acwa.com. Participants are encouraged to submit special requests as soon as possible.

If you have a disability that requires an accommodation, please contact Melanie Medina at MelanieM@acwa.com or call toll free at (888) 666-2292 to discuss your needs.

REFUNDS

Except as otherwise provided in this document, all payments and fees are nonrefundable after the registration deadline.

MEAL TICKETS

After registration deadline, meal tickets are not eligible for exchange, refund or credit.

NONATTENDANCE

Registrants who fail to attend the event, in part or in whole, are not eligible for a refund or credit and will be billed for any balance due.

GUEST REGISTRATION

Guest registration is available to a spouse, companion or guest of an ACWA event registrant. Guest registration is not available to any employees of a public agency, associate or affiliate/mutual water company. Guest registration is also not available to anyone with a professional reason to attend for purposes of learning or business. The guest registration includes admission to the Exhibit Hall, the opening reception and the ability to purchase meal tickets and attend meal functions. **Guest registrants are not eligible for cash or prize drawings.**

Questions? Contact us at 916.441.4545, toll free 888.666.2292.

ACWA 2015 Fall Conference & Exhibition

REGISTRATION FORM

Renaissance & Hyatt Regency, Indian Wells

DEC
1-4
2015

Register online @ acwa.com

Regular registration and cancellation deadline is November 9, 2015 - 4:30 p.m. (PST)

ATTENDEE INFORMATION

First Name	Last Name	Title		
Organization	Address	City	State	Zip
Phone	Attendee E-mail	CC E-mail		

GUEST INFORMATION (Guest registration is not available to anyone with a professional reason to attend.)

First Name	Last Name
------------	-----------

REGISTRATION FEES & OPTIONS

Advantage (For ACWA public agency members, affiliates & associates ONLY)

	REGULAR	ONSITE	AMOUNT
Full Conference Registration & Meals Package	\$695	Not Avail.	_____
Full Conference Registration Only	\$510	\$540	_____
One-Day Conference Registration: Wednesday (12/2) -OR- Thursday (12/3)	\$275	\$300	_____

Standard (Applies to non-members of ACWA)

Full Conference Registration Only	\$765	\$795	_____
One-Day Conference Registration: Wednesday (12/2) -OR- Thursday (12/3)	\$395	\$450	_____

Guest (Guest registration is not available to anyone with a professional reason to attend.)

Guest Conference Registration	\$45	\$45	_____
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MEAL FUNCTIONS

Wednesday - December 2

	QUANTITY	REGULAR	ONSITE	AMOUNT
Opening Breakfast	_____	\$45	\$50	_____
Wednesday Luncheon	_____	\$50	\$55	_____

Thursday - December 3

Networking Continental Breakfast	_____	\$35	\$40	_____
Thursday Luncheon	_____	\$50	\$55	_____
Thursday Dinner	_____	\$65	\$70	_____

Friday - December 4

Friday Breakfast	_____	\$45	\$50	_____
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Total Due to ACWA

PAYMENT INFORMATION

Enclosed is check (if available, # _____) payable to ACWA

Send payment to: ACWA, 910 K Street, Ste. 100 • Sacramento, CA 95814

Please bill me

Please charge my fee to my credit card: MC Visa Charged Amount: \$ _____

If you select check or bill me payment option, to expedite the check-in process onsite, ACWA must receive payment two weeks prior to the event.

Credit Card Number: _____

Exp. Date: _____

CSC# (last 3-digits on back of card): _____

Cardholder's Name (as seen on card): _____

PRINT CLEARLY

Authorized Signature: _____

Submit Completed Form: E-mail to TeresaT@acwa.com | **Questions?** Contact us at 916.441.4545, toll free 888.666.2292

Conference terms and conditions available at acwa.com in the event section.

Office Use Only: FC15 Ent _____ Date _____

CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS - STAFF REPORT

Agenda Item No. 1
October 6, 2015

To: Honorable President and Members of the Board of Directors
From: Ron L. Mitchell – Secretary-Treasurer
Subject: Claim for Damages – Roderick & Karen Longpre

AGENDA ITEM

Claim for Damages – Consideration and motion regarding a Claim for Damages from Roderick & Karen Longpre for the bursting of their water pipes lawns due to replacement of their lateral and meter box.

BACKGROUND:

Roderick & Karen Longpre are the property owners at 2357 Mountain Ave. and are claiming that pipes in their home burst as the result of work performed by District personnel in connection with the replacement of the service lateral and meter box at their home on August 5-6, 2015 in the amount of \$4,137.55.

The day the work was performed, Mr. Longpre noticed water on the hallway carpet. The next morning they had a flooded carpet due to a burst interior pipe. Mr. Longpre claims that the plumbing was working fine before the work performed by the District and when our crews restored water to his property they turned the water pressure back on too quickly causing the rupture. Mr. Longpre contacted the office and the Construction Supervisor, Bryan Jones, responded to the property. He informed Mr. Longpre that interior leaks are the customer's responsibility and explained how the crews restore water service to a home that has been shutoff.

Mr. Jones has provided a write-up of what was done at the property, how water is restored to a property after water has been shutoff for repairs, and possible reasons why the pipe burst in the Longpre residence. A copy of this is included in this packet.

Per the District's policy on claims for damages (Article 19 of the Rules and Regulations Manual) shown below, the Board may allow the claim, direct staff to attempt to compromise the amount of the claim, deny the claim, or direct staff to present this claim to our insurance carrier (ACWA/JPIA) to handle. Legal counsel has reviewed the claim and says that it is a sufficient claim and needs to be acted upon by the Board.

RECOMMENDATION:

It is staff's recommendation that the Board of Directors deny the claim for damages by Roderick & Karen Longpre in the amount of \$4,137.55. The District followed established best practices while restoring water service and is not responsible for the plumbing conditions on a customer's property.

Prepared by:

Submitted by:

Ron L. Mitchell
Secretary-Treasurer

Thomas A. Love
General Manager

ARTICLE 19: POLICY REGARDING CLAIMS

19.01 GENERAL

From time to time people present claims against the District under the Government Tort Claims Act. Many of these claims are for property damage and the District's insurance carrier allows the District the option of settling or denying certain covered claims not involving bodily injury. Therefore, the Board has adopted the following categories and guidelines in the handling of said claims against the District.

19.02 REVIEW OF CLAIMS

The General Manager or District's Attorney shall review all claims for sufficiency and timeliness. The General Manager or the Attorney is authorized to return insufficient or late claims.

19.03 CLAIMS OF \$1,000 OR LESS

The General Manager is authorized to perform the functions of the Board with respect to claims of \$1,000 or less and not involving bodily injury. These functions include but are not limited to, ruling on the sufficiency, reasonableness, or timeliness of claims; returning insufficient or late claims; allowing, compromising, or settling claims; and presenting claims to the District's insurance carrier. On the written order of the General Manager, the District shall pay the amount for which these claims have been allowed, compromised, or settled.

19.04 CLAIMS GREATER THAN \$1,000 BUT NOT MORE THAN \$5000

All legally sufficient claims against the District not involving bodily injury in amounts greater than \$1,000 but not more than \$5000 shall be presented to the Board at a Board Meeting. The Board may perform such functions with respect to these claims set forth under Article 19.03 above. The District shall pay the amount for which these claims have been allowed, compromised, or settled.

19.05 CLAIMS GREATER THAN \$5000 OR INVOLVING BODILY INJURY

The District shall immediately refer all claims greater than \$5000 or those involving bodily injury directly to its insurance carrier. However, after such consultation with the District's insurance carrier as may be appropriate in the particular case, the General Manager or District's Attorney may review the claim and the Board may consider or act on the claim, if to do so would be in the best interests of the District.

19.06 CLAIM FORM

A Standard District Claim Form, as revised from time to time and approved by the Board is included in Appendix C herein.

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RECEIVED

AUG 24 2015

CRESCENTA VALLEY
WATER DISTRICTCRESCENTA VALLEY WATER DISTRICT
CLAIM FORM

To Be Presented By The Claimant Or By A Person Acting On His Behalf

1	Name, mailing address, and phone number of claimant.	
	Name: <u>Roderick & KAREN LONGPRE</u>	
	Address: <u>2357 MOUNTAIN AVE. LA CRESCENTA CA 91214</u>	
	Phone Number(s): <u>818-249-3384 (H) 818-279-4766 (M)</u>	
	CVWD Account No. (If applicable): <u>010978-000</u>	
2	Name, address, and phone number of any witnesses.	
	Name: <u>MARY BREHME</u>	
	Address: <u>2363 MOUNTAIN AVE. LA CRESCENTA 91214</u>	
	Phone Number(s): <u>818-248-3409</u>	
3	List the date, time, place, and other circumstances of the occurrence or transaction which gave rise to the claim asserted.	
	Date: <u>8/4-8/5</u> Time: <u>AM-PM</u> Place: <u>2357 MOUNTAIN AVE.</u>	
	Tell What Happened (give complete information):	
	<u>CVWD (BRIAN PROJECT SUPERVISOR) AND HIS CREW CAME OUT to our property both days and replaced pipe and meter Box. I believe during day 1 they needed to redirect our water from our neighbor. After day 1 we noticed water in our hallway carpet. On Thursday morning (TAM 8/6) we had a flooded carpet with a burst interior pipe.</u>	
	Note: Attach any photographs you may have regarding this claim	
4	Give a general description of the indebtedness, obligation, injury, damage, or loss incurred so far as it may be known at the time of presentation of the claim.	
	<u>Our plumbing was working fine before the CVWD crew came out and began construction. When the crew turned our water back on they MUST HAVE turned on the pressure "too quickly" causing the pipe rupture in my hallway wall.</u>	
5	Give the name or names of the District employee or employees causing the injury, loss, or damage, if known.	
	<u>I was told Brian was the site supervisor and I spoke with PAM to have her crew come out to inspect. They came out and simply said it was not on our property and not their problem.</u>	
6	Check one, if applicable.	
	Claimant is OWNER of the property at the place of occurrence.	☒
	Claimant is TENANT of the property at the place of occurrence.	☐
7	If you have insurance that may cover this claim, provide the information requested below.	
	Insurance Company Name: <u>AAA</u>	CLAIM#
	Insurance Company Address:	Policy Number: <u>011997194</u>
	Agent Name: <u>Jeremy Dixon</u>	Phone Number: <u>888-896-9962</u>

dixon.jeremy@aaa-texas.com

X2217693

Adjuster (agent) Noe Garcia
Estimator

Garcia.Noel@aaa-calif.com

Form No. 10
Revised 8/1/2007

**CRESCENTA VALLEY WATER DISTRICT
CLAIM FORM**

8	If the actual amount of your claim is less than \$10,000, indicate the exact amount of your claim, and if possible show specific itemization and/or include copies of any documents in support thereof. IF THE AMOUNT OF THE CLAIM EXCEEDS \$10,000, NO DOLLAR AMOUNT SHOULD BE INCLUDED IN THIS CLAIM FORM. HOWEVER, IT IS NECESSARY TO INDICATE WHETHER THE CLAIM WOULD BE A LIMITED CIVIL CASE. (A limited civil case would be a claim for less than \$25,000.) <i>CLAIM AMOUNT \$4137.55 - \$1000 deductible</i> <i>WE ARE SUBROGATING THIS DEDUCTABLE</i> <i>NOE GARCIA HAS PHOTOS OF THE DAMAGE TO THE WALL, CARPET AND PLUMBING COST.</i>								
9	Claimant Certification. Both the owner and tenant (if applicable) should sign to verify that this represents the entire claim. <table style="width: 100%; border: none;"><tr><td style="width: 15%; border: none;">Owner:</td><td style="border: none;">I certify and declare under penalty of perjury of the laws of the State of California that the foregoing is true and correct.</td></tr><tr><td style="border: none;">Signature:</td><td style="border: none;"><i>Rod Longpre</i> Date: <i>8-20-2015</i> Time: <i>6:00 PST</i></td></tr><tr><td style="border: none;">Tenant:</td><td style="border: none;">I certify and declare under penalty of perjury of the laws of the State of California that the foregoing is true and correct.</td></tr><tr><td style="border: none;">Signature:</td><td style="border: none;">Date: Time:</td></tr></table> ANSWER ALL QUESTIONS. OMITTING INFORMATION COULD MAKE YOUR CLAIM LEGALLY INSUFFICIENT.	Owner:	I certify and declare under penalty of perjury of the laws of the State of California that the foregoing is true and correct.	Signature:	<i>Rod Longpre</i> Date: <i>8-20-2015</i> Time: <i>6:00 PST</i>	Tenant:	I certify and declare under penalty of perjury of the laws of the State of California that the foregoing is true and correct.	Signature:	Date: Time:
Owner:	I certify and declare under penalty of perjury of the laws of the State of California that the foregoing is true and correct.								
Signature:	<i>Rod Longpre</i> Date: <i>8-20-2015</i> Time: <i>6:00 PST</i>								
Tenant:	I certify and declare under penalty of perjury of the laws of the State of California that the foregoing is true and correct.								
Signature:	Date: Time:								

** SEE NOE GARCIA FOR ALL PHOTO'S*

August 26, 2015

Ron Mitchell
2700 Foothill Blvd.
La Crescenta, CA 91020
818-248-3925

Mr. Mitchell:

This letter is in response to your request for information regarding the property at 2357 Mountain Avenue, for the events on August 5, 2015. The water service lateral was scheduled to be replaced due to the line stop being inoperable. The meter box was also moved from its existing location five feet west due to a large tree. The service lateral installation was open cut and installed using "best practices". The water was turned back on using the standard CVWD approved method (one crew member at the corporation stop slowly opening it with the angle stop and ball valve open, and a second crew member was at the hose valve). After the corporation stop had been slowly opened all the way and all the trapped air had been released, the hose valve was closed. The water pressure in the main on this street is 95 psi. If the pressure regulator is not working properly this could cause a failure of a weak substandard plumbing system. It should also be noted that a modern plumbing system that is in good repair should be able to handle the 95 psi, and also note that the plumbing system needs to be in good repair so the District can shut the water off without causing damage to replace the meter or repair leaks or doing customer sign on/off.

Sincerely,

Bryan A. Jones
Construction Supervisor, CVWD



Auto Club of Southern California

Insured: LONGPRE, RODERICK
Property: 2357 MOUNTAIN AVE
LA CRESCENTA, CA 91214-3162
Home: 2357 MOUNTAIN AVE
LA CRESCENTA, CA 91214-3162

Home: (818) 249-3384
Cell: (818) 279-4766
E-mail: rodlongpre@yahoo.com

Claim Rep.: Noe Garcia
Company: Auto Club of Southern California
Business: 27421 Tourney Rd.
Valencia, CA 91355

Business: (661) 369-1907
E-mail: garcia.noe@aaa-calif.com

Estimator: Noe Garcia
Company: Auto Club of Southern California
Business: 27421 Tourney Rd.
Valencia, CA 91355

Business: (661) 369-1907
E-mail: garcia.noe@aaa-calif.com

Claim Number: 011997194

Policy Number: CHO023781272

Type of Loss: WATER

Date Contacted: 8/7/2015

Date of Loss: 8/5/2015

Date Inspected: 8/7/2015

Date Est. Completed: 8/10/2015 3:18 PM

Date Received: 8/6/2015

Date Entered: 8/10/2015 1:16 PM

Price List: CALA7X_AUG15
Restoration/Service/Remodel

Estimate: LONGPRE__RODERICK

Thank you for allowing us to be of service. For more information about all of the products and services the Auto Club offers, please call 1-877-428-2277, visit your local Auto Club office or our web site www.aaa-calif.com.



LONGPRE__RODERICK

Dwelling/Coverage A

Main Level

Drydown

DESCRIPTION	QNTY	UNIT COST	RCV	DEPREC.	ACV
DWELLING					
1. Dehumidifier (per 24 hour period) - Large - No monitoring One unit in hallway and one unit in bedroom for 3 days.	6.00 EA	79.52	477.12	(0.00)	477.12
2. Air mover axial fan (per 24 hour period) - No monitoring 3 fans in hallway and 3 in bedroom for 3 days.	18.00 EA	28.75	517.50	(0.00)	517.50
Dwelling Totals:			994.62	0.00	994.62
Totals: Drydown			994.62	0.00	994.62



Hallway

Height: 8'

428.67 SF Walls	91.22 SF Ceiling
519.88 SF Walls & Ceiling	91.22 SF Floor
10.14 SY Flooring	51.92 LF Floor Perimeter
61.92 LF Ceil. Perimeter	

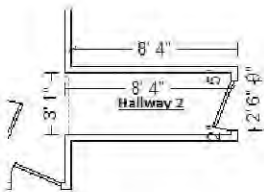
Missing Wall	3' 1" X 8'	Opens into HALLWAY_2
Door	2' 6" X 6' 8"	Opens into Exterior
Door	2' 6" X 6' 8"	Opens into BEDROOM
Door	2' 6" X 6' 8"	Opens into Exterior
Door	2' 6" X 6' 8"	Opens into Exterior

DESCRIPTION	QNTY	UNIT COST	RCV	DEPREC.	ACV
DWELLING					
3. (Material Only) Two coat plaster over 1/2" gypsum core blueboard	18.00 SF	1.50	27.00	(0.00)	27.00
4. Plaster - Labor Minimum	1.00 EA	274.28	274.28	(0.00)	274.28



CONTINUED - Hallway

DESCRIPTION	QNTY	UNIT COST	RCV	DEPREC.	ACV
5. (Material Only) Baseboard - 3 1/4"	15.00 LF	1.06	15.90	(0.00)	15.90
6. Finish Carpentry - Labor Minimum	1.00 EA	200.29	200.29	(0.00)	200.29
7. Mask and prep for paint - plastic, paper, tape (per LF)	61.92 LF	1.06	65.64	(0.00)	65.64
8. Seal/prime then paint part of the walls (2 coats)	214.33 SF	0.78	167.18	(0.00)	167.18
9. Paint part of the walls - one coat	214.33 SF	0.53	113.59	(0.00)	113.59
10. Paint baseboard - two coats	15.00 LF	1.09	16.35	(0.00)	16.35
11. Seal & paint baseboard - two coats	36.92 LF	1.13	41.72	(0.00)	41.72
12. (Material Only) Carpet pad	91.22 SF	0.41	37.40	(0.00)	37.40
13. (Material Only) Lay existing carpet - Labor only	91.22 SF	0.02	1.82	(0.00)	1.82
14. Carpet - Labor Minimum	1.00 EA	124.45	124.45	(0.00)	124.45
15. Clean and deodorize carpet	91.22 SF	0.40	36.49	(0.00)	36.49
16. Contents - move out then reset	1.00 EA	54.99	54.99	(0.00)	54.99
Dwelling Totals:			1,177.10	0.00	1,177.10
Totals: Hallway			1,177.10	0.00	1,177.10



Hallway 2

Height: 8'

141.33 SF Walls	25.18 SF Ceiling
166.51 SF Walls & Ceiling	25.18 SF Floor
2.80 SY Flooring	17.25 LF Floor Perimeter
19.75 LF Ceil. Perimeter	

Door	2' 6" X 6' 8"	Opens into Exterior			
Missing Wall	3' 1" X 8'	Opens into HALLWAY			
DESCRIPTION	QNTY	UNIT COST	RCV	DEPREC.	ACV

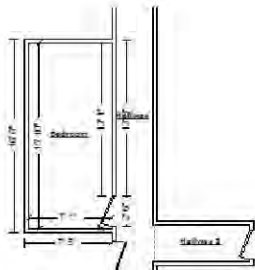
DWELLING

17. Paint the walls - one coat	141.33 SF	0.53	74.90	(0.00)	74.90
--------------------------------	-----------	------	-------	--------	-------



CONTINUED - Hallway 2

DESCRIPTION	QNTY	UNIT COST	RCV	DEPREC.	ACV
18. Paint baseboard - one coat	17.25 LF	0.72	12.42	(0.00)	12.42
19. Mask and prep for paint - plastic, paper, tape (per LF)	19.75 LF	1.06	20.94	(0.00)	20.94
20. Clean and deodorize carpet	25.18 SF	0.40	10.07	(0.00)	10.07
Dwelling Totals:			118.33	0.00	118.33
Totals: Hallway 2			118.33	0.00	118.33



Bedroom

Height: 8'

350.00 SF Walls	112.15 SF Ceiling
462.15 SF Walls & Ceiling	112.15 SF Floor
12.46 SY Flooring	43.33 LF Floor Perimeter
45.83 LF Ceil. Perimeter	

Door	2' 6" X 6' 8"	Opens into HALLWAY			
DESCRIPTION	QNTY	UNIT COST	RCV	DEPREC.	ACV
DWELLING					
21. Seal/prime then paint part of the walls (2 coats)	87.50 SF	0.78	68.25	(0.00)	68.25
22. Paint baseboard - one coat	10.83 LF	0.72	7.80	(0.00)	7.80
23. Mask and prep for paint - plastic, paper, tape (per LF)	45.83 LF	1.06	48.58	(0.00)	48.58
24. Clean and deodorize carpet	112.15 SF	0.40	44.86	(0.00)	44.86
25. Contents - move out then reset - Large room	1.00 EA	82.47	82.47	(0.00)	82.47
Dwelling Totals:			251.96	0.00	251.96
Totals: Bedroom			251.96	0.00	251.96



Miscellaneous

DESCRIPTION	QNTY	UNIT COST	RCV	DEPREC.	ACV
DWELLING					
26. Fee to detect underslab leak	1.00 EA	285.00	285.00	(0.00)	285.00
27. Haul debris - per pickup truck load - including dump fees	1.00 EA	126.41	126.41	(0.00)	126.41
28. Cleaning Technician - per hour	2.00 HR	35.53	71.06	(0.00)	71.06
29. Taxes, insurance, permits & fees (Bid item)	1.00 EA	522.50	522.50	(0.00)	522.50
Above is for asbestos/lead testing.					
Dwelling Totals:			1,004.97	0.00	1,004.97
Totals: Miscellaneous			1,004.97	0.00	1,004.97
Area Dwelling Total:			3,546.98	0.00	3,546.98
Totals: Main Level			3,546.98	0.00	3,546.98
Area Dwelling Total:			3,546.98	0.00	3,546.98
Totals: Dwelling/Coverage A			3,546.98	0.00	3,546.98
Area Dwelling Total:			3,546.98	0.00	3,546.98
Line Item Totals: LONGPRE__RODERICK			3,546.98	0.00	3,546.98

Grand Total Areas:

920.00 SF Walls	228.55 SF Ceiling	1,148.55 SF Walls and Ceiling
228.55 SF Floor	25.39 SY Flooring	112.50 LF Floor Perimeter
0.00 SF Long Wall	0.00 SF Short Wall	127.50 LF Ceil. Perimeter
228.55 Floor Area	266.44 Total Area	920.00 Interior Wall Area
825.83 Exterior Wall Area	99.17 Exterior Perimeter of Walls	
0.00 Surface Area	0.00 Number of Squares	0.00 Total Perimeter Length
0.00 Total Ridge Length	0.00 Total Hip Length	



Summary for Dwelling

Line Item Total			3,546.98
Overhead	@	10.0%	286.10
Profit	@	10.0%	286.10
Material Sales Tax	@	9.000%	18.37
Replacement Cost Value			\$4,137.55
Net Claim			\$4,137.55

Noe Garcia



Recap by Room

Estimate: LONGPRE__RODERICK

Area: Dwelling/Coverage A

Area: Main Level

Drydown	994.62	28.04%
Hallway	1,177.10	33.19%
Hallway 2	118.33	3.34%
Bedroom	251.96	7.10%
Miscellaneous	1,004.97	28.33%

Area Subtotal: Main Level

3,546.98 100.00%

Area Subtotal: Dwelling/Coverage A

3,546.98 100.00%

Subtotal of Areas

3,546.98 100.00%

Total

3,546.98 100.00%



Recap by Category

O&P Items				Total	%
CLEANING				162.48	3.93%
CONTENT MANIPULATION				137.46	3.32%
GENERAL DEMOLITION				126.41	3.06%
FINISH CARPENTRY / TRIMWORK				216.19	5.23%
INTERIOR LATH & PLASTER				301.28	7.28%
PLUMBING				285.00	6.89%
PAINTING				637.37	15.40%
WATER EXTRACTION & REMEDIATION				994.62	24.04%
O&P Items Subtotal				2,860.81	69.14%
Non-O&P Items				Total	%
FLOOR COVERING - CARPET				163.67	3.96%
PERMITS AND FEES				522.50	12.63%
Non-O&P Items Subtotal				686.17	16.58%
O&P Items Subtotal				2,860.81	69.14%
Overhead	@	10.0%		286.10	6.91%
Profit	@	10.0%		286.10	6.91%
Material Sales Tax	@	9.000%		18.37	0.44%
Total				4,137.55	100.00%

It has been a pleasure assisting you with your claim. If you have any questions or need any additional information, please do not hesitate to contact me.

Sincerely,

<Noe Garcia>
Property Appraiser
Cell 661-369-1907| Fax 714-549-6644
Manager: <Glynis O'Reilly> | Office 661-575-7850
e-mail: <o'reilly.glynis@aaa-calif.com>
"We're always with you"





Photo Sheet

Auto Club of Southern California

Insured: LONGPRE, RODERICK

Claim #: 011997194

Policy #: CHO023781272

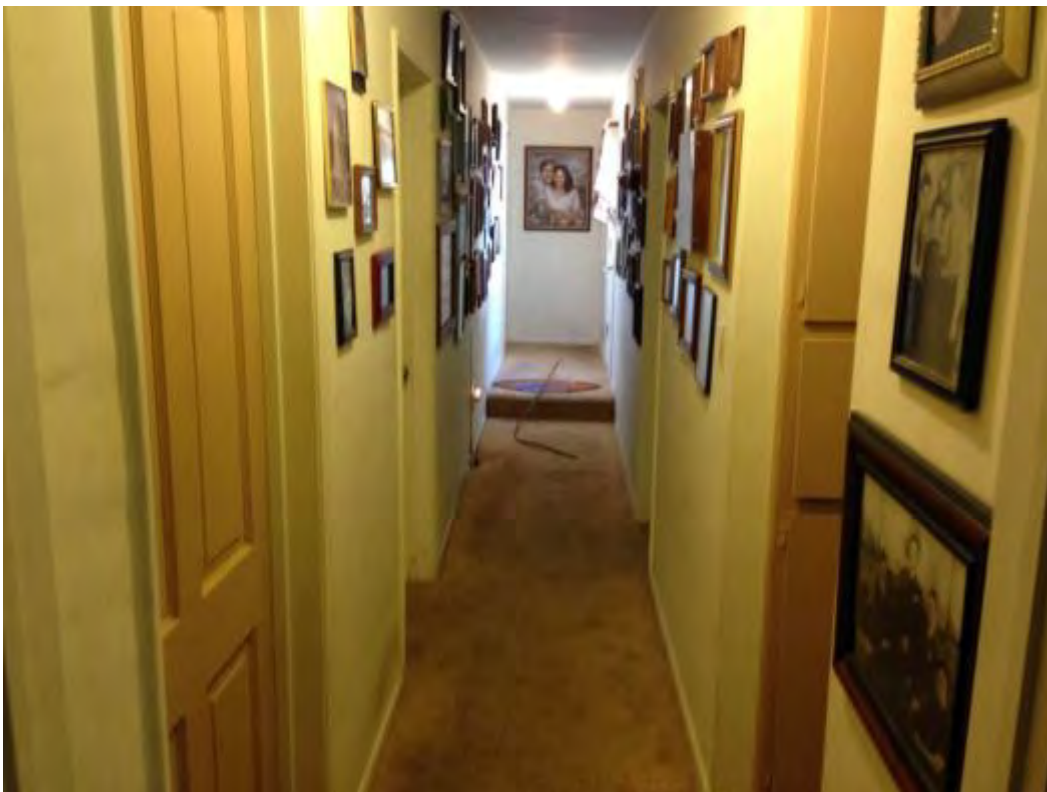


iphone aug 12 15 218

Date Taken: 8/7/2015

Taken By: Noe Garcia

Risk Address



iphone aug 12 15 219

Date Taken: 8/7/2015

Taken By: Noe Garcia

Hallway and adjoining bedroom

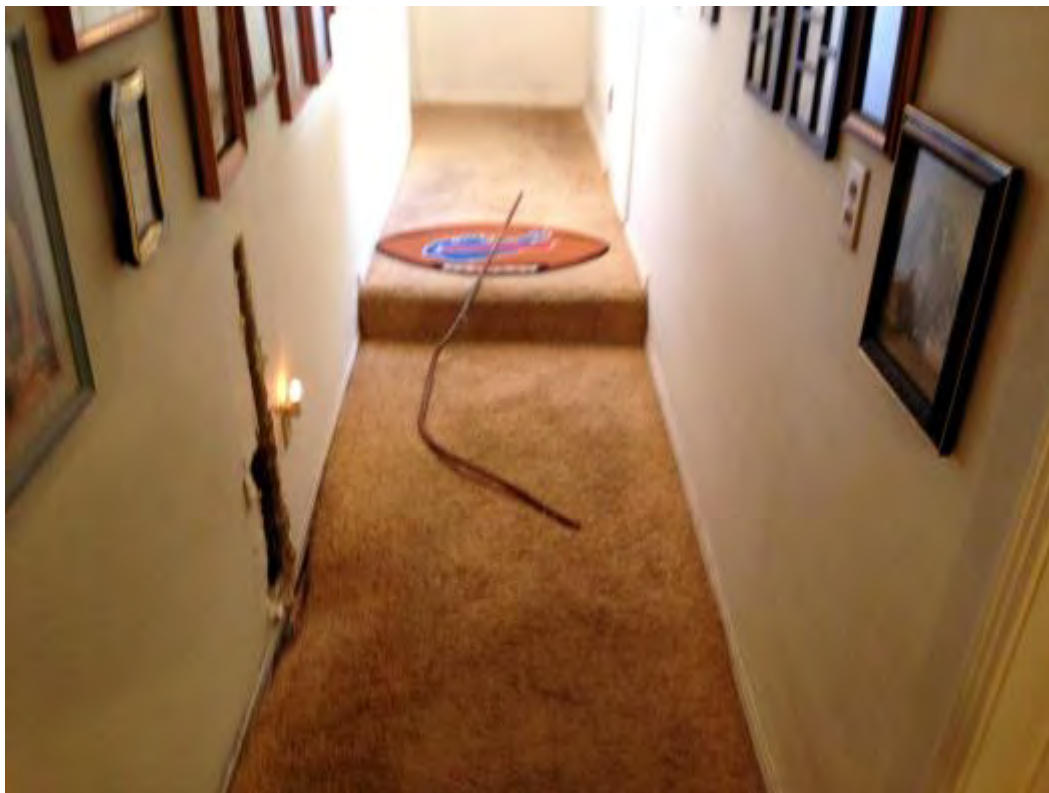
Photo Sheet

Auto Club of Southern California

Insured: LONGPRE, RODERICK

Claim #: 011997194

Policy #: CHO023781272

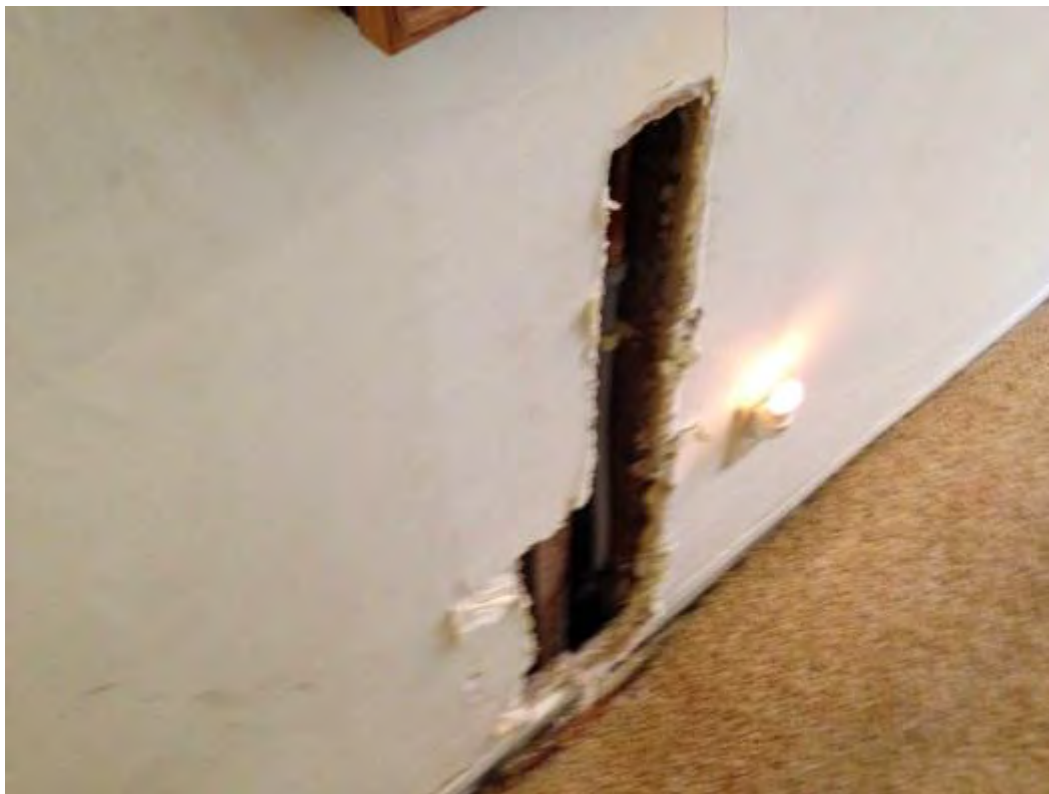


iphone aug 12 15 234

Date Taken: 8/7/2015

Taken By: Noe Garcia

Hallway and adjoining bedroom



iphone aug 12 15 235

Date Taken: 8/7/2015

Taken By: Noe Garcia

Hallway and adjoining bedroom

Photo Sheet

Auto Club of Southern California

Insured: LONGPRE, RODERICK

Claim #: 011997194

Policy #: CHO023781272

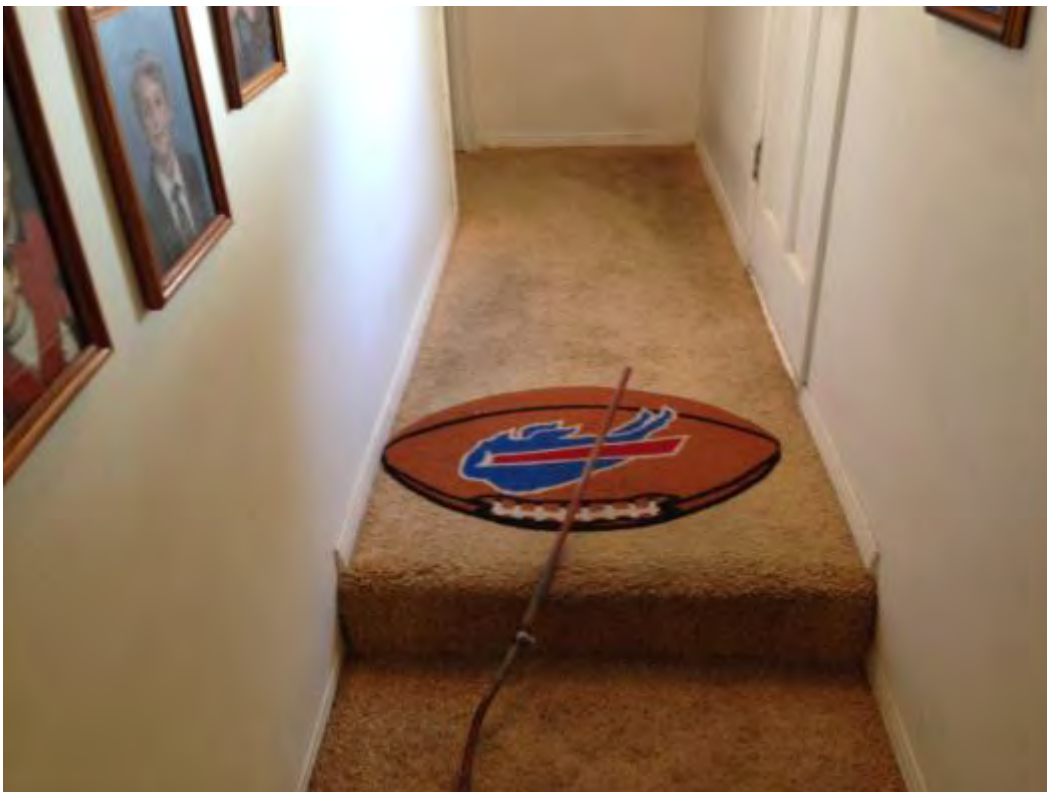


iphone aug 12 15 236

Date Taken: 8/7/2015

Taken By: Noe Garcia

Hallway and adjoining bedroom



iphone aug 12 15 237

Date Taken: 8/7/2015

Taken By: Noe Garcia

Hallway and adjoining bedroom

Photo Sheet

Auto Club of Southern California

Insured: LONGPRE, RODERICK

Claim #: 011997194

Policy #: CHO023781272



iphone aug 12 15 238

Date Taken: 8/7/2015

Taken By: Noe Garcia

Hallway and adjoining bedroom



iphone aug 12 15 239

Date Taken: 8/7/2015

Taken By: Noe Garcia

Hallway and adjoining bedroom

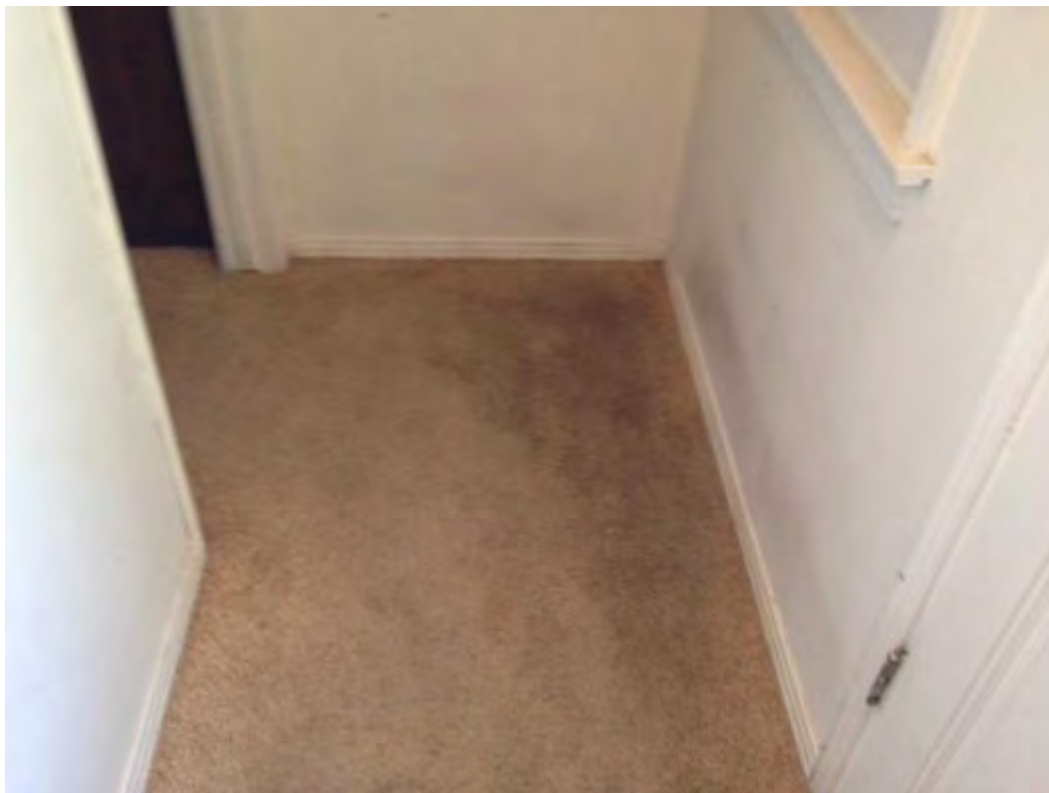
Photo Sheet

Auto Club of Southern California

Insured: LONGPRE, RODERICK

Claim #: 011997194

Policy #: CHO023781272

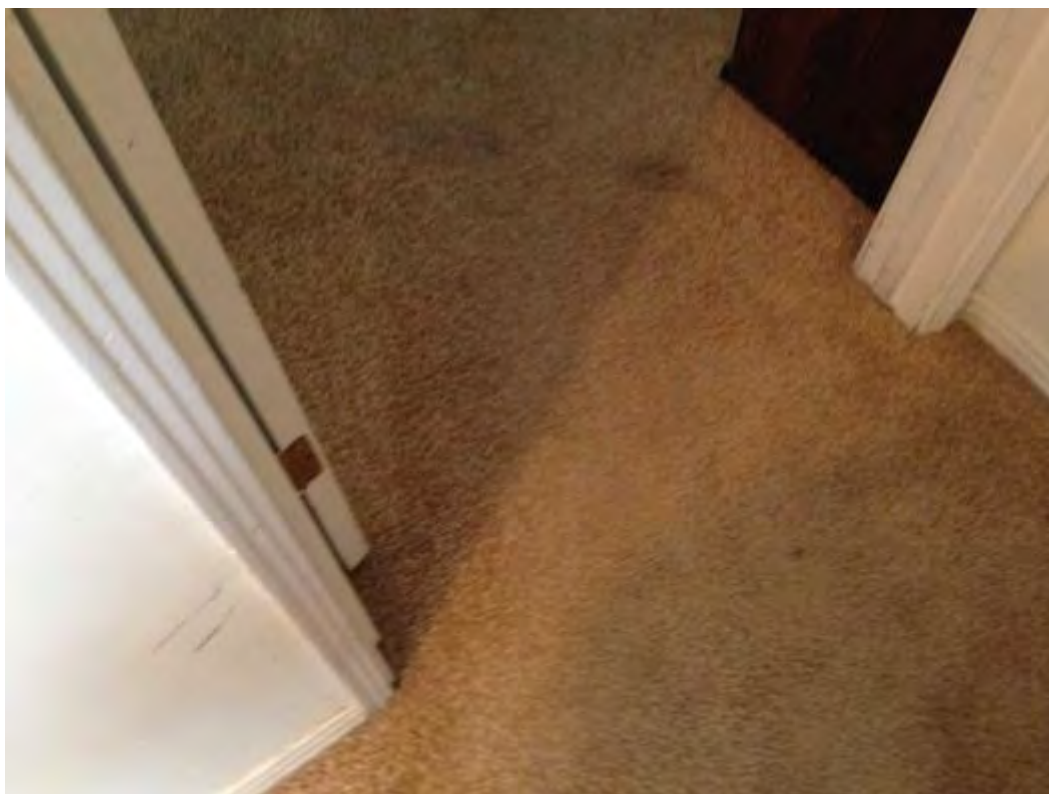


iphone aug 12 15 240

Date Taken: 8/7/2015

Taken By: Noe Garcia

Hallway and adjoining bedroom



iphone aug 12 15 241

Date Taken: 8/7/2015

Taken By: Noe Garcia

Hallway and adjoining bedroom

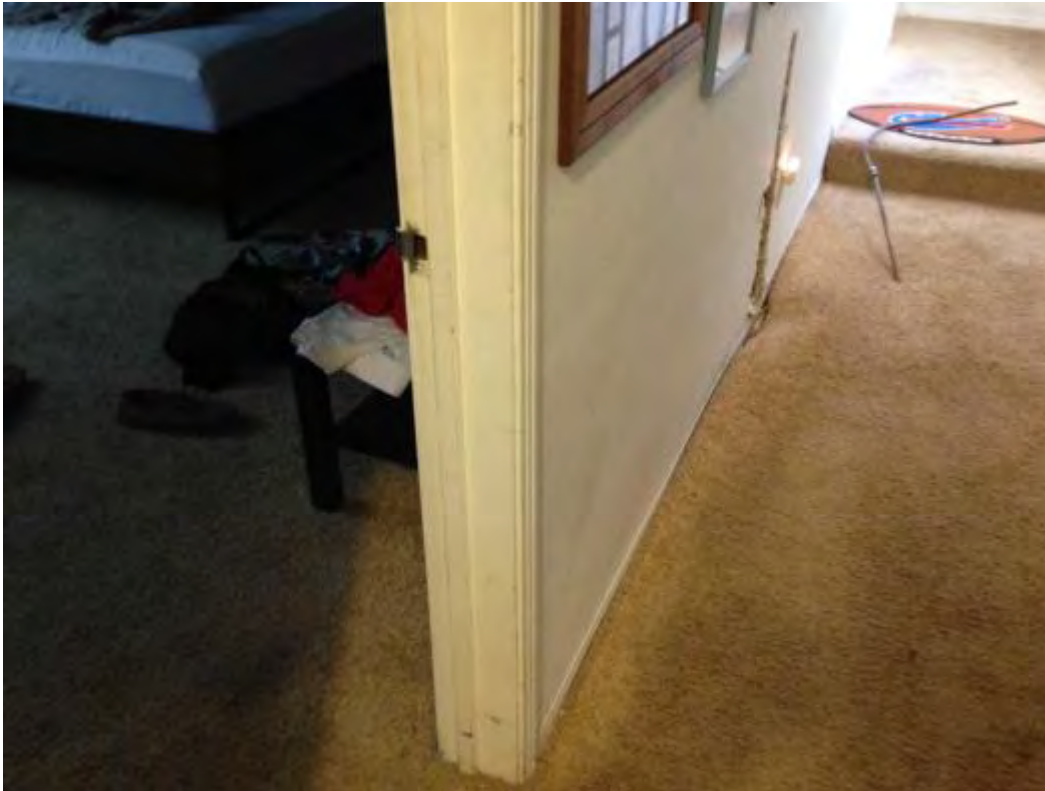
Photo Sheet

Auto Club of Southern California

Insured: LONGPRE, RODERICK

Claim #: 011997194

Policy #: CHO023781272

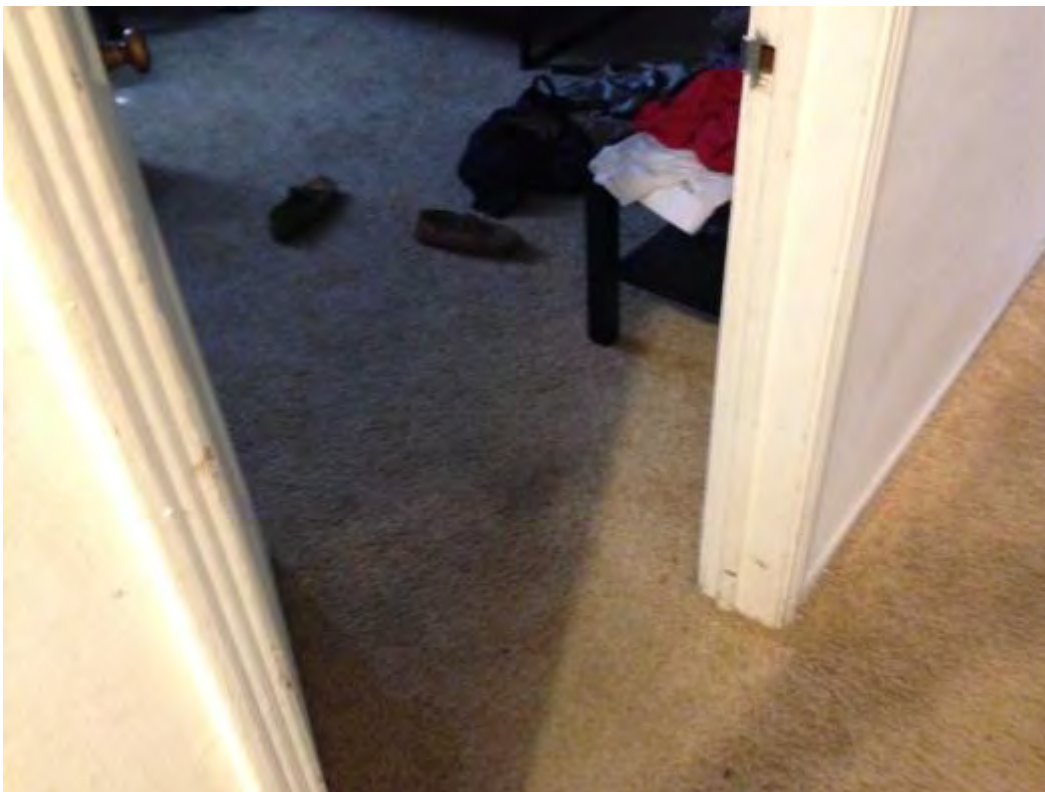


iphone aug 12 15 242

Date Taken: 8/7/2015

Taken By: Noe Garcia

Hallway and adjoining bedroom



iphone aug 12 15 243

Date Taken: 8/7/2015

Taken By: Noe Garcia

Hallway and adjoining bedroom

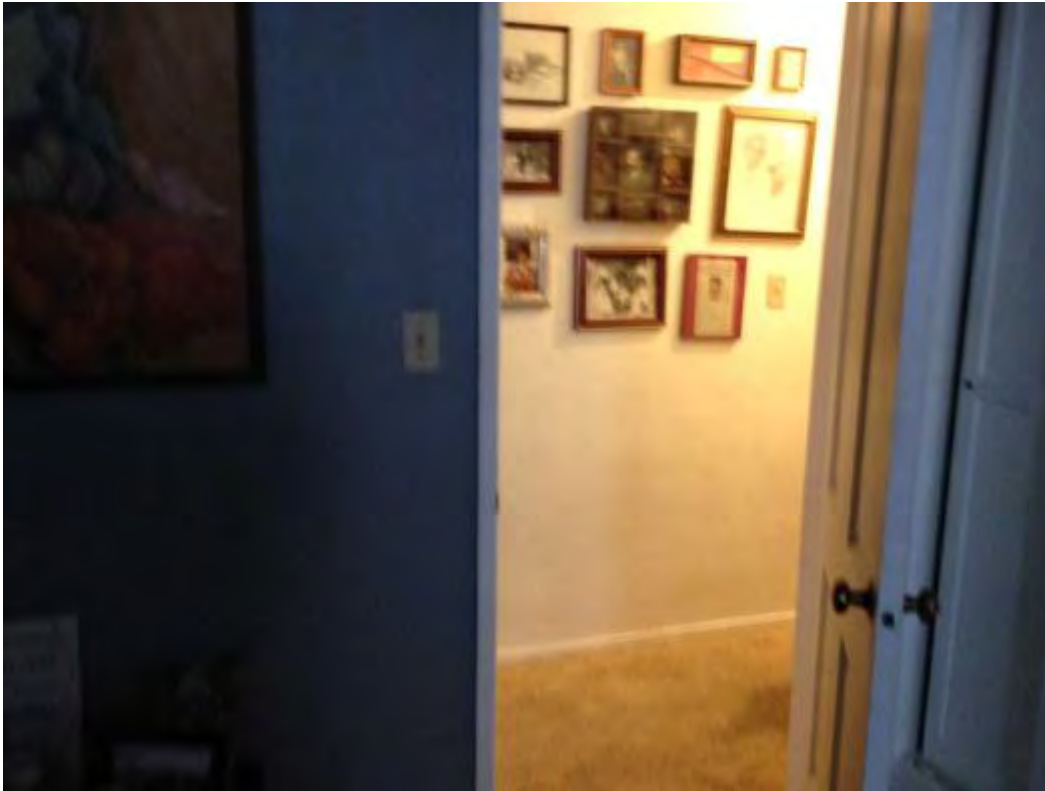
Photo Sheet

Auto Club of Southern California

Insured: LONGPRE, RODERICK

Claim #: 011997194

Policy #: CHO023781272



iphone aug 12 15 246

Date Taken: 8/7/2015

Taken By: Noe Garcia

Hallway and adjoining bedroom



iphone aug 12 15 247

Date Taken: 8/7/2015

Taken By: Noe Garcia

Hallway and adjoining bedroom

Photo Sheet

Auto Club of Southern California

Insured: LONGPRE, RODERICK

Claim #: 011997194

Policy #: CHO023781272

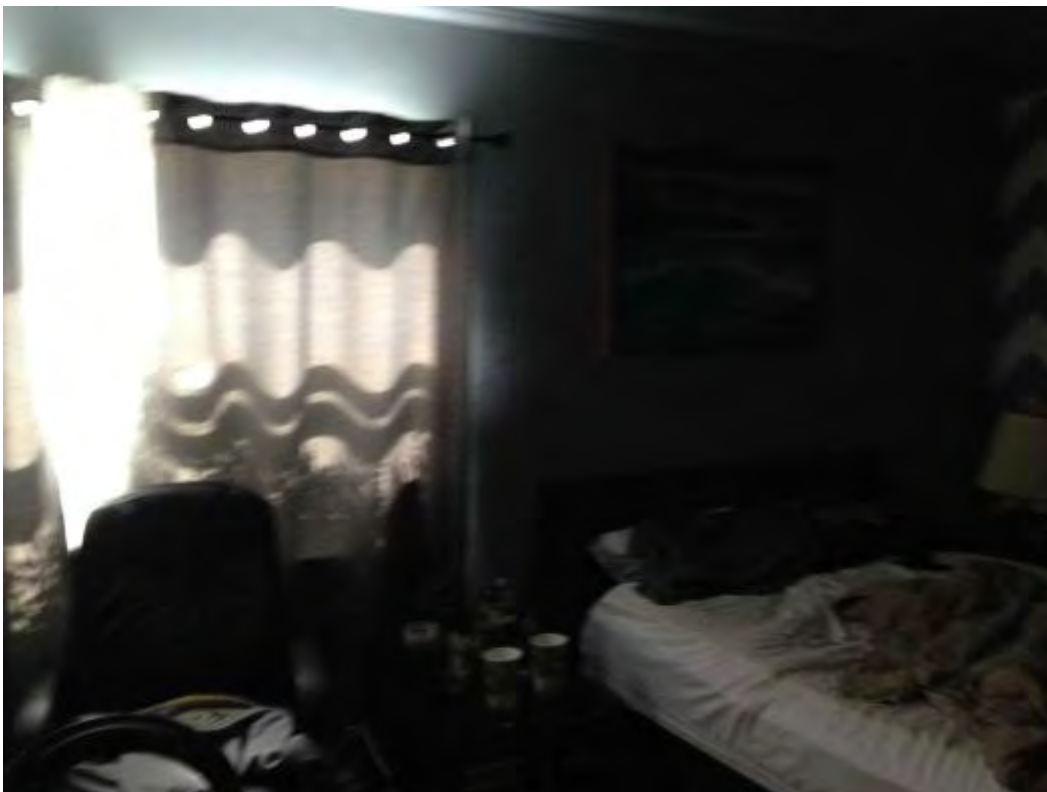


iphone aug 12 15 248

Date Taken: 8/7/2015

Taken By: Noe Garcia

Hallway and adjoining bedroom



iphone aug 12 15 249

Date Taken: 8/7/2015

Taken By: Noe Garcia

Hallway and adjoining bedroom

Photo Sheet

Auto Club of Southern California

Insured: LONGPRE, RODERICK

Claim #: 011997194

Policy #: CHO023781272



iphone aug 12 15 252

Date Taken: 8/7/2015

Taken By: Noe Garcia

Hallway and adjoining bedroom



iphone aug 12 15 253

Date Taken: 8/7/2015

Taken By: Noe Garcia

Hallway and adjoining bedroom

Photo Sheet

Auto Club of Southern California

Insured: LONGPRE, RODERICK

Claim #: 011997194

Policy #: CHO023781272



iphone aug 12 15 254

Date Taken: 8/7/2015

Taken By: Noe Garcia

Front sidewalk/road



iphone aug 12 15 255

Date Taken: 8/7/2015

Taken By: Noe Garcia

Front sidewalk/road

Photo Sheet

Auto Club of Southern California

Insured: LONGPRE, RODERICK

Claim #: 011997194

Policy #: CHO023781272



iphone aug 12 15 256

Date Taken: 8/7/2015

Taken By: Noe Garcia

Front sidewalk/road



iphone aug 12 15 257

Date Taken: 8/7/2015

Taken By: Noe Garcia

Front sidewalk/road

Photo Sheet

Auto Club of Southern California

Insured: LONGPRE, RODERICK

Claim #: 011997194

Policy #: CHO023781272



iphone aug 12 15 258

Date Taken: 8/7/2015

Taken By: Noe Garcia

Front sidewalk/road



iphone aug 12 15 259

Date Taken: 8/7/2015

Taken By: Noe Garcia

Front sidewalk/road

Photo Sheet

Auto Club of Southern California

Insured: LONGPRE, RODERICK

Claim #: 011997194

Policy #: CHO023781272



iphone aug 12 15 260

Date Taken: 8/7/2015

Taken By: Noe Garcia

Front sidewalk/road



iphone aug 12 15 261

Date Taken: 8/7/2015

Taken By: Noe Garcia

Front sidewalk/road

Photo Sheet

Auto Club of Southern California

Insured: LONGPRE, RODERICK

Claim #: 011997194

Policy #: CHO023781272



iphone aug 12 15 262

Date Taken: 8/7/2015

Taken By: Noe Garcia

Front sidewalk/road



iphone aug 12 15 263

Date Taken: 8/7/2015

Taken By: Noe Garcia

Front sidewalk/road

Photo Sheet

Auto Club of Southern California

Insured: LONGPRE, RODERICK

Claim #: 011997194

Policy #: CHO023781272



iphone aug 12 15 264

Date Taken: 8/7/2015

Taken By: Noe Garcia

Front sidewalk/road



iphone aug 12 15 265

Date Taken: 8/7/2015

Taken By: Noe Garcia

Front sidewalk/road

PRODUCT 2518

OFFICEMAX STORE #0654 (010) 032-0077

ABC CLEANING
10829 Cozycroft Ave.
CHATSWORTH, CA 91311
800-871-7779

CLEANING WORK ORDER

6364

NAME		DATE ORDERED	DATE SCHEDULED 8-11-15																																																		
ADDRESS 2357 Mountain Ave La Crescenta CA 91214		SERVICE TECHNICIAN FRANK																																																			
PHONE		☒ CARPET	☐ FURNITURE																																																		
		☐ OTHER																																																			
TERMS: Due upon Receipt <table border="1"> <thead> <tr> <th>CARPET / ITEM</th> <th>SIZE</th> <th>SQ. FT.</th> <th>PRICE</th> <th>TOTAL</th> </tr> </thead> <tbody> <tr> <td>Carpet cleaning</td> <td>X</td> <td></td> <td></td> <td>225</td> </tr> <tr> <td>Spot cleaning</td> <td>X</td> <td></td> <td></td> <td>N/C</td> </tr> <tr> <td>Encapsulation</td> <td>X</td> <td></td> <td></td> <td>N/C</td> </tr> <tr> <td></td> <td>X</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>X</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>X</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>X</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>X</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>X</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>				CARPET / ITEM	SIZE	SQ. FT.	PRICE	TOTAL	Carpet cleaning	X			225	Spot cleaning	X			N/C	Encapsulation	X			N/C		X					X					X					X					X					X			
CARPET / ITEM	SIZE	SQ. FT.	PRICE	TOTAL																																																	
Carpet cleaning	X			225																																																	
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Encapsulation	X			N/C																																																	
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	X																																																				
	X																																																				
	X																																																				
	X																																																				
SPECIAL INSTRUCTIONS		TOTAL MATERIALS																																																			
		TOTAL LABOR																																																			
I certify that I have read conditions on reverse side and agree to same.		TAX																																																			
SIGNATURE _____ DATE _____		TOTAL	225																																																		

I hereby acknowledge the satisfactory completion of the above described work.

Thank You

SIGNATURE

DATE

Receipt

R.R. "Pat" Harris Plumbing, Inc.

1413 Foothill Blvd.* La Canada Flintridge, CA 91011
(818) 790-3345 or (818) 790-4147 (818) 790-8549 FAX
California State License # 255601 - Since 1945
Please visit our website at: PatHarrisPlumbing.com

August 25, 2015

Summary: BASIN LEAK
Invoice #: 6604-48672
Plumber: CARLOS
Due Date: 9/24/2015
Job Date: 8/24/2015

Bill To:

Rod Longpre
Karen Longpre
2357 Mountain Avenue
La Crescenta, CA 91214

Job Name:

Rod Longpre
Karen Longpre
2357 Mountain Avenue
La Crescenta, CA 91214

(818)249-3384 (HOME)

(818)279-4766 HISCEL

(818)249-3384 (HOME)

(818)279-4766 HISCEL

Item Code	Description	Hrs/Qty	Price	Amount
-----------	-------------	---------	-------	--------

On left side lavatory faucet, removed and reset putty. Tightened supply tubes to faucet body. Installed new 16" supply tubes and flushed out faucet. Tested and working in proper order.

Thank you for your payment. Attached is your Visa receipt.

16" Supply Tube	2.00	22.485 EA	44.97
Plumber's Service (Carlos)	1.50	110.00 HR	165.00

Material	Labor	Subtotal	Sales Tax	Total
44.97	165.00	209.97	4.05	\$214.02

Payment: VISA 8/28/2015

Credits:

\$214.02 CR

Balance:

\$0.00

PAT HARRIS PLUMBING
1413 FOOTHILL BLVD
LA CANADA, CA 91011

08/28/2015 10:05:47
MID: 000000003646861 TID: 05554218

CREDIT CARD

VISA SALE

CARD # XXXXXXXXXXXX0877
INVOICE 0001
SEQ #: 0001
Batch #: 000137
CLERK 0364
Approval Code: 064068
Entry Method: Manual
Mode: Online
Avs Code: YYY

SALE AMOUNT \$214.02

1-818-790-3345

CUSTOMER COPY

Mechanics Lien Law (Section 7018.5 California Business and Professional Code) any contractor, subcontractor, who helps to improve your property but is not paid for this work or supplies, has the right to enforce a claim against after a court hearing, your property could be sold by a court officer and the proceeds of the sale used to satisfy the you have paid your contractor in full, if the subcontractor, laborer or supplier remains unpaid. Please call with any

COPY WITH YOUR REMITTANCE. WE THANK YOU.

Receipt

R.R. "Pat" Harris Plumbing, Inc.

1413 Foothill Blvd.* La Canada Flintridge, CA 91011

(818) 790-3345 or (818) 790-4147 (818) 790-8549 FAX

California State License # 255601 - Since 1945

Please visit our website at: PatHarrisPlumbing.com

August 7, 2015

Summary: LEAK UNDER HOUSE

Invoice #: 6604-48627

Plumber: MIKE

Job Date: 8/7/2015

Bill To:

Rod Longpre
Karen Longpre
2357 Mountain Avenue
La Crescenta, CA 91214

Job Name:

Rod Longpre
Karen Longpre
2357 Mountain Avenue
La Crescenta, CA 91214

(818)249-3384 (HOME)

(818)279-4766 HISCEL

(818)249-3384 (HOME)

(818)279-4766 HISCEL

Item Code	Description	Hrs/Qty	Price	Amount
-----------	-------------	---------	-------	--------

Traced leak under the house to inside wall. Opened dry wall and found pin hole leak on hot side of 1/2" soft copper pipe in hallway. Installed clamp. Received authorization to replace section of both hot and cold copper with 1/2" Pex. Tested and working in proper order. As per homeowner's request, went and strapped loose pipe. Tested and working in proper order.

Thank you for your payment. Attached is your Visa receipt

quik bill

955.86

Material

Subtotal

Total

955.86

\$955.86

Payment: VISA 8/7/15

Credits:

\$955.86 CR

Balance:

\$0.00

PAT HARRIS PLUMBING
1413 FOOTHILL BLVD
LA CANADA, CA 91011

08/07/2015 13:10:03
MID: 000000003646861 TID: 05554218

CREDIT CARD

VISA SALE

CARD # XXXXXXXXXXXX2813
INVOICE 0001
SEQ #: 0001
Batch #: 000133
CLERK 0003
Approval Code: 00111B
Entry Method: Manual
Mode: Online
Avs Code: YYY

SALE AMOUNT \$955.86

Mechanics Lien Law (Section 7018.5 California Business and Professional Code) any contractor, subcontractor, who helps to improve your property but is not paid for this work or supplies, has the right to enforce a claim against after a court hearing, your property could be sold by a court officer and the proceeds of the sale used to satisfy the you have paid your contractor in full, if the subcontractor, laborer or supplier remains unpaid. Please call with any

PY WITH YOUR REMITTANCE. WE THANK YOU.

1-818-790-3345

CUSTOMER COPY

Neil Ryan
2717 Francas
LA Chaspe Co
91214

INVOICE NO.

526226

Invoice

SOLD TO

ADDRESS

CITY, STATE, ZIP

SHIPPED TO

ADDRESS

CITY, STATE, ZIP

VIA

CUSTOMER ORDER NO.

SOLD BY

TERMS

F.O.B.

DATE

2215387

(1)

Repair wall

8-17-15

Total Parts & Labor

95.00

Thank you

95.00

ACTION ITEM #2

RESOLUTION OF APPRECIATION FOR
LARRY BYERS



*Resolution of Appreciation
from
The Board of Directors of the
Crescenta Valley Water District*

Whereas, Larry R. Byers has been an employee of the Crescenta Valley Water District since April 1, 1987; and

Whereas, for the last twenty-eight years Larry R. Byers has served the citizens of the Crescenta Valley with distinction and dedication; and

Whereas, the Board of Directors wishes to recognize and honor his twenty-eight years of excellent service,

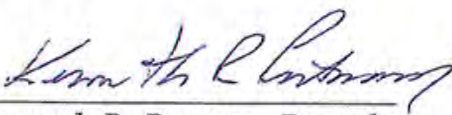
NOW THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF CRESCENTA VALLEY WATER DISTRICT as follows:

That the good and faithful service of LARRY R. BYERS to this District for the past 28 years is hereby recognized and gratefully acknowledged, upon the occasion of Larry's retirement from Crescenta Valley Water District.

Furthermore, that the Board of Directors expresses its heartfelt appreciation for the service rendered by Larry R. Byers on behalf of the District and best wishes in his future endeavors.

Presented on this 6th day of October 2015, in La Crescenta, California.

Signed by:


Kenneth R. Putnam, President
President, Board of Directors

Attested by:


Thomas A. Love
General Manager

CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS - STAFF REPORT

Agenda Item No. 3

October 6, 2015

To: Honorable President and Members of the Board of Directors

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

Subject: **Public Hearing – Negative Declaration for the Nitrate Removal Treatment Facility for Well 2 at Ordunio Reservoir, Project E-956**

AGENDA ITEM

Public Hearing, on Negative Declaration for Nitrate Removal Treatment Facility for Well 2 at Ordunio Reservoir, Project E-956 – Public Hearing to adopt a negative declaration in accordance with the California Environmental Quality Act (CEQA) for the proposed Nitrate Removal Treatment Facility for Well 2 at Ordunio Reservoir, Project E-956.

BACKGROUND:

Crescenta Valley Water District owns 12 groundwater wells and currently 11 wells are in operation to extract groundwater from the Verdugo Groundwater basin. All of these wells were drilled prior to 1951 (except Well 15). The production rates and the specific capabilities of the majority of the groundwater wells have steadily decreased over the years due to the drought conditions.

CVWD has an inactive groundwater well (Well 2) that was drilled in 1927, using the cable tool drilling method to 157 feet below ground surface. CVWD's records show that Well 2 was in service from 1949 to 1976. However, in 1976, Well 2 was taken out of service due to the Maximum Contaminant Level (MCL) for nitrate being lowered from 90 mg/L to 45 mg/L and the lack of a nitrate removal treatment facility. Well 2 is located at CVWD's Ordunio Reservoir site at 4029 Lowell Avenue.

CVWD desires to reactivate Well 2, which has a pump capacity of 150 gpm (240 ac-ft/yr) and install a new nitrate removal treatment facility. The project will utilize a local water resource, increase CVWD's ability to use its adjudicated rights within the Verdugo Basin, reduce CVWD's dependence on imported water from MWD and reduce nitrates levels within the Verdugo Basin.

The project will include a new 150 gpm pump and motor, onsite piping, small building, electrical and telemetry system, sewer line to pump the well to waste, and on-site improvements. The project will also include the installation of a nitrate removal treatment facility which will treat the groundwater below the MCL and remove nitrates from the Verdugo Basin.

The nitrate removal treatment system to be installed will use ARoNite (Autotrophic Reduction of Nitrate) biological treatment process to reduce the nitrate level from about 50 mg/L to 30 mg/L.

DISCUSSION:

Staff has submitted a grant application for a Proposition 84 2015 IRWM Implementation Grant to the Greater Los Angeles County Region (GLAC). The GLAC has approved CVWD's grant application which was sent to the Department of Water Resources (DWR) as part of the overall grant application for Los Angeles County. DWR will review the proposed projects and will make a recommendation in November for approval for submittal of a final project application.

A requirement of the grant application is that all California Environmental Quality Act (CEQA) documentation be completed before the final grant application is approved by DWR.

Staff completed an environmental initial study and determined that the proposed project would not have a significant effect on the environment and a Negative Declaration (see attached) was prepared.

A Notice of Intent to adopt a Negative Declaration (see attached) was completed and recorded at the Los Angeles County Recorder's office on August 27, 2015.

The Notice of Intent to adopt a Negative Declaration was also sent to all property owners within 500 feet of the project, and to local agencies with jurisdiction over the project. Finally, 22 copies of the Negative Declaration were sent to the State Clearinghouse for a 30 day review period (see attached).

The review period was from August 28, 2015 to September 29, 2015. Staff did not receive any comments from the public.

RECOMMENDATION:

It is staff's recommendation to:

1. Following the public hearing, the Board of Directors finds on the basis of the initial study and comments received, that there is no substantial evidence the project will have a significant effect on the environment and that the negative declaration reflects the District's independent judgment and analysis.
2. Direct staff to file a Notice of Determination in compliance with Section 21108 or 21152 of the Public Resources Code.

ENVIRONMENTAL REVIEW:

See above

FUNDING AVAILABILITY:

N/A

Prepared by:



David S. Gould, P.E.
District Engineer

Submitted by:

Thomas A. Love
General Manager

Attachment:

1. Negative Declaration for the proposed Nitrate Removal Treatment Facility for Well 2Project E-956
2. Notice of Intent to Adopt a Negative Declaration
3. California State Clearinghouse Notice
4. Notice Of Determination

NEGATIVE DECLARATION
for the proposed
Nitrate Removal Treatment Facility for Well 2
at Ordunio Reservoir
PROJECT E-956
CRESCENTA VALLEY WATER DISTRICT



Lead Agency:
Crescenta Valley Water District
2700 Foothill Boulevard
La Crescenta, California 91214

Applicant:
Crescenta Valley Water District
2700 Foothill Boulevard
La Crescenta, California 91214

Prepared by:
David Gould, P.E.
District Engineer
Crescenta Valley Water District
2700 Foothill Boulevard
La Crescenta, California 91214

September 1, 2015

CRESCENTA VALLEY WATER DISTRICT

ENVIRONMENTAL CHECKLIST FORM

1. **Project Title:** Nitrate Removal Treatment Facility for Well 2 at Ordunio Reservoir, Project E-956
2. **Lead Agency Name** Crescenta Valley Water District
Address: 2700 Foothill Boulevard
La Crescenta, California 91214
3. **Contact Person** David Gould P.E., District Engineer
Phone Number: (818) 236-4119
E-mail Address: dgould@cvwd.com
4. **Project Location:** The project site is located at 4029 Lowell Avenue, at the intersection of Lowell Avenue and Honolulu Avenue. (Reference Exhibit A)
5. **Project Sponsor:** Crescenta Valley Water District
Name and Address: David S. Gould P.E.
2700 Foothill Boulevard
La Crescenta, California 91214
6. **General Plan Designation:** Glendale: R1 - Low Density Residential
Los Angeles: PF - Public Facilities
7. **Zoning:** Glendale: R1 - Low Density Residential
Los Angeles: PF-1XL – Public Facilities
8. **Description of Project: (Describe the whole action involved, including but not limited to later phases of the project, and any secondary, support, or off-site features necessary for its implementation. Attach additional sheets if necessary.)**

The project property site is located at 4029 Lowell Avenue, at the intersection of Lowell Avenue and Honolulu Avenue. The east side of property is within the City of Glendale and west side of property is within the City of Los Angeles, Los Angeles County The proposed project site will be located within the City of Glendale (Reference Exhibit A).

The proposed project consists of installation of a nitrate removal treatment facility, operations building, and pump assembly to re-activate CVWD's Well 2, which was out of service since 1976 for potable water use.

The project will include the following:

- A submersible pump and motor
- A small operations building with chlorination room and electrical room on a concrete pad
- A nitrate removal treatment facility within a covered area on a concrete pad
- Chlorination feed system with sodium hypochlorite solution
- Electrical system to provide power for the pump and nitrate removal treatment facility
- Telemetry system to provide the ability to remotely monitor and control the pump and nitrate removal treatment facility
- Above ground discharge piping with a flow meter to connect to Ordunio Reservoir
- Underground discharge piping to waste
- Asphaltic concrete paving and on-site improvements

Additionally, a new automated gate will be installed on the east side of the property. The existing fences along the north, west and south property lines will remain in place. The site will be graded to accommodate construction equipment and future maintenance of the facility. Outdoor lights will be installed and only used during nighttime emergencies.

9. Surrounding Land Uses and Setting: (Briefly describe the project's surroundings.)

The project property site is located at 4029 Lowell Avenue, at the intersection of Lowell Avenue and Honolulu Avenue. The east side of property is within the City of Glendale and west side of property is within the City of Los Angeles, Los Angeles County (Reference Exhibit A).

CVWD owns the property and the existing surrounding uses include single family residences on the east and north sides, a private school property on the west side and 210 Freeway on the south side.

10. Other public agencies whose approval is required (e.g., permits, financing approval, or participation agreement.)

1. City of Glendale, Public Works Department
2. Glendale Water & Power
3. City of Glendale, Planning Department
4. City of Glendale, Building & Safety Department
5. City of Glendale, Fire Department
6. State Water Resources Control Board – Division of Drinking Water
7. Regional Water Quality Control Board – Los Angeles Region
8. South Coast Air Quality Management District
9. California Department of Water Resources

Exhibit A



4029 Lowell Ave. - Location Map

ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED:

The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a "Potentially Significant Impact" as indicated by the checklist on the following pages.

- | | | |
|---|--|--|
| ☐ Aesthetics | ☐ Agriculture Resources | ☐ Air Quality |
| ☐ Biological Resources | ☐ Cultural Resource | ☐ Geology/Soils |
| ☐ Greenhouse Gas Emissions | ☐ Hazards & Hazardous Materials | |
| ☐ Hydrology/Water Quality | ☐ Land Use and Planning | ☐ Mineral Resources |
| ☐ Noise | ☐ Population and Housing | ☐ Public Services |
| ☐ Recreation | ☐ Transportation/Traffic | ☐ Utilities/Service Systems |
| ☐ Mandatory Findings of Significance | | |

DETERMINATION (To be completed by the Lead Agency)

On the basis of this initial evaluation:

- ☒ I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared. I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because the mitigation measures described on an attached sheet have been added to the project. A NEGATIVE DECLARATION will be prepared.
- ☐ I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required. I find that the proposed project MAY have a significant effect(s) on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets, if the effect is a "potentially significant impact" or "potentially significant unless mitigated." An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.
- ☐ I find that although the proposed project could have a significant effect on the environment, there WILL NOT be a significant effect in this case because all potentially significant effects (a) have been analyzed adequately in an earlier EIR pursuant to applicable standards and (b) have been avoided or mitigated pursuant to that earlier EIR, including revisions or mitigation measures that are imposed upon the proposed project.



Signature

August 27, 2015

Date

David S. Gould

Printed Name

1.0 INTRODUCTION

1.1 DOCUMENT PURPOSE AND SCOPE

The Crescenta Valley Water District, in its capacity as the Lead Agency for this project, has determined the need for preparation of an Initial Study (IS) pursuant to provisions of the California Environmental Quality Act (CEQA) of 1970, Guidelines for Implementation of the California Environmental Quality Act (State CEQA Guidelines), and the District's CEQA implementation requirements, all as amended. CEQA formally calls this document an Initial Study, and it is a critical component of the environmental review process. The IS provides the decision-makers, other public agencies, private groups, and/or individuals with an objective assessment of whether significant environmental impacts may result from implementing the proposed project. Additional information which explains this document is provided below.

1.2 STATUTORY AUTHORITY AND RELATIONSHIP TO OTHER DOCUMENTS

This Initial Study/Negative Declaration (IS/ND) has been prepared in accordance with the requirements of CEQA, and the State CEQA Guidelines, codified in the California Code of Regulations (CCR), Title 14, Chapter 3, §15000 et seq., for the purpose of analyzing the direct, indirect, and cumulative environmental effects associated with the proposed project.

The State CEQA Guidelines in §15063(a) require that, "Following preliminary review, the Lead Agency shall conduct an Initial Study to determine if the project may have a significant effect on the environment." If, as a result of the Initial Study (IS), the Lead Agency finds that there is evidence that any aspect of the proposed project may cause a significant environmental effect, the Lead Agency shall further find that an Environmental Impact Report (EIR) is warranted to analyze environmental impacts. However, if on the basis of the IS, the Lead Agency finds that the proposed project will not cause a significant effect on the environment, either as proposed or as modified to include the mitigation measures identified in the IS, a Negative Declaration or Mitigated Negative Declaration shall be prepared for that pending action.

Presented in this document are the results of the environmental analysis required under §15063 of the State CEQA Guidelines. That analysis supports the findings that, on the basis of information presented herein, the development of the proposed project, as described below, will not result in any significant effects on the environment with incorporation of mitigation measures.

Statutory Requirements

Section 15063(d) of the State CEQA Guidelines identifies specific disclosure requirements for inclusion in an IS. Pursuant to those requirements, an IS includes the following:

- A description of the project, including the location of the project,
- An identification of the environmental setting,
- An identification of environmental effects by use of a checklist, matrix, or other method, provided that entries on a checklist or other form are briefly explained to indicate that there is some evidence to support the entries. The brief explanation may be either through a narrative or a reference to another information source such as an attached map, photographs, or an earlier EIR or negative declaration. A reference to another document should include, where appropriate, a citation to the page or pages where the information is found,
- A discussion of ways to mitigate any significant effects identified, if any,
- An examination of whether the project is compatible with existing zoning, plans, and other applicable land use controls, and
- The name of the person or persons who prepared or participated in the preparation of the IS.

Relationship to Other Documents

Pursuant to State CEQA Guidelines, §15150, this IS incorporates by reference all or portions of other technical documents that are a matter of public record. Those documents either relate to the proposed project or provide additional information concerning the environmental setting in which the project is proposed. Where all or a portion of another document is incorporated by reference, the incorporated language shall be considered to be set forth in full as part of the text of this IS.

The information contained in this IS are based in part, on the following technical studies and/or planning documents which include the project site or provide information addressing the general project area:

1. Crescenta Valley Water District - Water Well Replacement Study (August 1999)
2. Crescenta Valley Water District - Preliminary Recommendations for Final Pumping Rate and Pump Depth Setting for Permanent Pump in Well No. 2 (January 2007)
3. City of Glendale - General Plan Noise Element (Amended 2007)
4. City of Glendale - General Plan Public Safety Element (Amended 2003)
5. City of Glendale - General Plan Land Use Element (Amended 2012)
6. City of Glendale - General Plan Circulation Element (Amended 1998)
7. City of Glendale - General Plan Housing Element (Amended 2014)
8. City of Glendale - General Plan Open Space and Conservation Element (Amended 2005)
9. City of Glendale - General Plan Recreation Element (Amended 2003)
10. City of Glendale - General Plan Historic Preservation Element (Amended 1997)
11. City of Glendale. General Plan Air Quality Element (Amended 1996).
12. City of Glendale - Greener Glendale Plan for Community Activities (Adopted 2012)
13. South Coast Air Quality Management District - CEQA Air Quality Handbook. (Adopted 1993)
14. Fault-Rupture Hazard Zones in California - Division of Mines & Geology Special Publication 42 (Amended 1999)

The public may request the District's assistance in obtaining and/or reviewing any of the documents referenced above. The documents listed above are on file with the Crescenta Valley Water District and may be reviewed or obtained by contacting:

David S. Gould P.E., District Engineer
Crescenta Valley Water District
2700 Foothill Boulevard
La Crescenta, California 91214
(818) 236-4119
dgould@cvwd.com

SECTION 2: PROJECT DESCRIPTION

A. Project Background/Project Location

Project Background

The Crescenta Valley Water District owns and operates eleven groundwater wells that extract groundwater from the Verdugo Groundwater basin. All of these wells were drilled prior to 1951 (except Well 15). The production rates and the specific capabilities for the majority of the groundwater wells have steadily decreased over the years.

Well No. 2 was drilled in 1927, using the cable tool drilling method to 157 feet below ground surface. CVWD's records show that Well 2 was in service from 1949 to 1976. In 1976, Well 2 was taken out of service due to the Maximum Contaminant Level (MCL) for nitrate changing from 90 mg/L to 45 mg/L.

In 2007, CVWD performed a study to look at the possibility of putting Well 2 back into water production. As shown in the Final Pumping Rate and Pump Depth Setting for Permanent Pump in Well No. 2, prepared by Richard C. Slade and Associates, Well 2 had a pump capacity of 225 gpm. Also, water quality testing was performed to determine the nitrate level and if there were any other contaminants. The water quality results showed the nitrate level between 44 mg/L to 48 mg/L, which was close to the MCL. The results also did not show any other contaminants above the MCL. The project was discontinued due to the high costs for installation of a nitrate removal treatment system and disposal of the brine waste generated from the ion-exchange process.

Nitrate Removal Treatment Facility for Well 2 Project

The proposed project consists of installation of a nitrate removal treatment system and Well 2 Operations Building to re-activate Well 2 back into water production. With the ongoing drought within the State, this project will allow CVWD to utilize a local water source that has been out of service since 1976.

Nitrate Removal Treatment System

The nitrate removal treatment system to be installed will use AROnite (Autotrophic Reduction of Nitrate) biological treatment process to reduce the nitrate level from about 50 mg/L to 30 mg/L.

The AROnite process is a fixed-film biological treatment technology for the removal of oxidized contaminants. AROnite systems rely on naturally occurring bacteria that use hydrogen gas as an electron donor to reduce contaminants in the influent stream. The bacteria take carbon needed for cell synthesis from naturally occurring bicarbonate in water from the influent stream. The resulting process is remarkably tolerant of nitrate variations in feed water quality and produces consistently high quality effluent. Hydrogen, which is generated on site and carbon dioxide, which is delivered to the site are fed to the AROnite reactor creating the optimum environment for the growth of biofilm (bacteria). The process will include using naturally occurring bacteria that will grow on a hollow membrane fibers system. The bacteria will use the nitrates as a food source and reduce the nitrates to nitrogen and water.

The process also include an aeration tank to add oxygen to the water, a filtration tank to remove turbidity (particles in the water) and a chlorination tank for disinfection before the water is discharged to Ordunio Reservoir.

There will be a one to three month testing period to insure the system works properly and approval by the State Water Resources Control Board – Division of Drinking Water before the water is used in the water distribution system.

The nitrate removal treatment system will be constructed on a 30 ft long x 20 feet wide concrete pad with a carport like structure for easy access for operations and maintenance. Also, the open air area will be used to vent excess hydrogen to the atmosphere.

Well 2 Operations System:

The Well 2 operation system will include the construction of a 30 ft long x 20 feet wide x 10 foot high masonry building that will enclose a chlorination system and the electrical and telemetry system.

The chlorination system will include a 300 gallon double walled PVC tank that will hold 12.5% solution of sodium hypochlorite. The system will also be located with a containment system that will prevent leakage from leaving the building.

Well 2 will include the installation of a submersible pump and motor, above ground piping to the nitrate removal treatment plant and to Ordunio Reservoir, underground discharge piping to the City of Glendale sewer, site paving from the west entrance to the well building, site improvements, and other miscellaneous appurtenances.

The existing gate on the west side of the property will be upgraded with an automated rolling gate. The site will be graded to accommodate construction equipment and future maintenance of the facility. Outdoor lights will be installed and only used during nighttime emergencies.

Project Location

The project site is located at 4029 Lowell Avenue, at the intersection of Lowell Avenue and Honolulu Avenue. (Reference Exhibit A)

East side: City of Glendale, Los Angeles County

West side: City of Los Angeles, Los Angeles County

SECTION 3:
DISCUSSION OF RESPONSES TO THE ENVIRONMENTAL CHECKLIST

I. AESTHETICS

Would the project:

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<i>a. Have a substantial adverse effect on a scenic vista?</i>	☐	☐	☐	☒

No impact. The project site is not visible from any known scenic vistas within the area. In and of itself, the proposed project will not result in any substantial aesthetic changes over existing conditions and thus no significant impacts would occur and no mitigation would be required.

The proposed nitrate removal treatment facility and operations building will be designed to match as close as possible to the existing structures in the area and would not cause views from residential areas to be obstructed. Therefore, the proposed project will not result in any substantial aesthetic changes over existing conditions and thus no significant impacts would occur and no mitigation would be required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<i>b. Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?</i>	☐	☐	☐	☒

No impact. The General Plan Circulation Element for the cities of Glendale and Los Angeles does not identify any state scenic highways within this area. Furthermore, there are no significant trees, rock outcroppings, historic buildings or other significant scenic resources on the project site. Therefore, no scenic resources would be damaged with implementation of the proposed subdivision and no significant impacts would occur. Therefore, no mitigation measures would be required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<i>c. Substantially degrade the existing visual character or quality of the site and its surroundings?</i>	☐	☐	☐	☒

No impact. The project site is located in a developed area characterized by residential uses. In and of itself, the proposed project will not degrade the existing visual character or quality of the site. Existing views from surrounding residential uses are already and will continue to be obstructed by vegetation, fences, walls, and trees. Therefore, the visual character of the site and the surrounding area would not be significantly affected by the proposed subdivision. Therefore no mitigation measures would be required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
d. <i>Create a new source of substantial light or glare, which would adversely affect day or nighttime views in the area?</i>	☐	☐	☒	☐

Less than significant impact. In and of itself, the proposed project will not adversely affect day or nighttime views in the area. Outdoor lighting will be installed and will be only used in the case of night-time emergencies and will have less than significant impact. Therefore no mitigation measures would be required

Mitigation Measures

No Mitigation Measures are required.

- II. AGRICULTURE AND FOREST RESOURCES** - In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board.

Would the project:

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. <i>Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?</i>	☐	☐	☐	☒

No impact: The project will not result in the conversion of existing agricultural land nor is the site shown on maps prepared pursuant to the Farmland Mapping and Monitoring Program. The project site does not contain any agricultural uses, nor would it affect any other existing agricultural resources. Therefore no mitigation measures would be required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
b. <i>Conflict with existing zoning for agricultural use, or a Williamson Act contract?</i>	☐	☐	☐	☒

No impact. The project is currently zoned for residential use and is not subject to a Williamson Act contract. Therefore, implementation of the proposed project would not conflict with existing zoning. Therefore no mitigation measures would be required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
c. <i>Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?</i>	☐	☐	☐	☒

No impact. The project is currently zoned for residential use and is not subject to the forest land or timberland zoning. Therefore, implementation of the proposed project would not conflict with existing forest land or timberland zoning. Therefore no mitigation measures would be required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
d. <i>Result in the loss of forest land or conversion of forest land to non-forest use?</i>	☐	☐	☐	☒

No impact. The project will not result in the loss of forest land or conversion of forest land to non-forest use. No impact would result and no mitigation measures would be required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
e. <i>Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non- forest use?</i>	☐	☐	☐	☒

No impact. The project will not involve other changes in the existing environment that will result in the conversion of farmland to non-agricultural use or conversion of forest land to non- forest use. No impact would result and no mitigation measures would be required.

Mitigation Measures

No Mitigation Measures are required.

III. **AIR QUALITY** - Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations.

Would the project:

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. <i>Conflict with or obstruct implementation of the applicable air quality plan?</i>	☐	☐	☐	☒

No impact. The applicable air quality plan for the project area is the 2012 Air Quality Management Plan (AQMP) prepared by the South Coast Air Quality Management District (SCAQMD).

CEQA requires that projects be consistent with the AQMP. A consistency determination plays an essential role in local agency project review by linking local planning and unique individual projects to the AQMP in the following ways.

It fulfills the CEQA goal of fully informing local agency decision-makers of the environmental costs of the project under consideration at a stage early enough to ensure that air quality concerns are fully addressed, and it provides the local agency with ongoing information assuring local decision-makers that they are making real contributions to clean air goals contained in the AQMP.

The City of Glendale General Plan Air Quality Elements includes the AQMP strategy and the project is consistent with the General Plan since construction and subsequent maintenance emissions from the proposed Project would only result in temporary impacts to air quality. The project would be considered consistent with the AQMP. Therefore, no mitigation measures would be required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<i>b. Violate any air quality standard or contribute substantially to an existing or projected air quality violation?</i>	☐	☐	☒	☐

Less than significant impact. The proposed project is located in Los Angeles County, which comprises a portion of the South Coast Air Basin (SCAB). The topography of the SCAB is a major contributing factor to the air quality and atmospheric pollution levels evident within the basin. During daytime periods, the prevailing coastal winds and the surrounding mountain ranges block in inland wind flow and air masses. As a result, the restricted airflow makes the SCAB highly susceptible to air pollutant accumulation. With an annual average wind speed of only about six miles per hour, the air basin has a limited capacity to disperse air contaminants horizontally.

Air pollutant emissions are comprised of two basic source categories:

- (1) Construction-related or short term emissions and;
- (2) Operational or long-term emissions.

Construction-related air pollutant emissions are associated with the temporary construction phase of a project and include both fugitive dust emissions and exhaust emissions from contractors' equipment, worker-related vehicle trips, and haul vehicles.

Long-term air pollutant emissions are generally associated with operational activities that occur over the life of a project. Operational emissions typically include those stationary source emissions associated with the offsite generation of electrical energy for onsite use and mobile source emissions generated by project related traffic.

The project's short-term construction activities would include air pollutants caused by exhaust from construction equipment, workers' vehicles, and fugitive dust emissions from grading activities. These air emissions are considered short-term in nature and are considered less than significant impact.

The project's long-term activities would not include air pollutants because the new well pump will be equipped with an electrical motor, which does not required onsite generation of electrical energy are considered less than significant impact.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
c. <i>Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions, which exceed quantitative thresholds for ozone precursors)?</i>	☐	☐	☒	☐

Less than significant impact. As discussed under Response III b), above, the project would result in less than significant air quality impacts and therefore, would not contribute to a cumulatively considerable net increase of pollutants.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
d. <i>Expose sensitive receptors to substantial pollutant concentrations?</i>	☐	☐	☒	☐

Less than significant impact. Refer to Response III b), above.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
e. <i>Create objectionable odors affecting a substantial number of people?</i>	☐	☐	☐	☒

No impact. With regard to nuisance odors during construction, any air quality impacts will be confined to the immediate vicinity of the construction equipment for the duration of the construction period. By the time such emissions reach any sensitive receptors away from the project site, they will be diluted to well below any level of air quality concern.

An occasional "whiff" of diesel fuel exhaust from trucks accessing the site from public roadways or from a temporary diesel well test pump may result. However, such brief exhaust odors are not considered a significant adverse air quality impact. No long-term odor impacts are anticipated to be associated with the operation of the proposed project. Therefore, no mitigation measures would be required.

Mitigation Measures

No Mitigation Measures are required.

IV. BIOLOGICAL RESOURCES

Would the project:

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. <i>Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?</i>	☐	☐	☐	☒

No impact. The project site is within an urban area and vegetation currently exists on the site consists of "common roadside weeds." There are existing trees on the site, but are not within the project limits. Implementation of the proposed project would not have a substantial adverse effect directly or indirectly on any species identified as candidate, sensitive or special status species. Therefore, no mitigation measures would be required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
b. <i>Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, and regulations or by the California Department Fish and Game or US Fish and Wildlife Service?</i>	☐	☐	☐	☒

No impact. There are no locally designated riparian habitats or other sensitive natural communities on the project site. No impacts will occur as a result of the proposed project and no mitigation measures would be required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
c. <i>Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?</i>	☐	☐	☐	☒

No impact. There are no federally protected wetlands on the subject property as defined in Section 404 of the Clean Water Act. Therefore no impacts will occur as a result of project implementation and no mitigation measures would be required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
d. <i>Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?</i>	☐	☐	☐	☒

No impact. The project site is not considered a migratory wildlife corridor due to the existing surrounding urban development. Therefore no substantial impacts will occur as a result of project implementation and no mitigation measures would be required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
e. <i>Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?</i>	☐	☐	☐	☒

No impact. No locally designated species exist on the project site. In addition, there are no policies or ordinances regulating biological resources that pertain to the project site. Therefore, project implementation will not conflict with any local policies or ordinances protecting biological resources and no mitigation measures are required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
f. <i>Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?</i>	☐	☐	☐	☒

No impact. See Response IV(a) above.

Mitigation Measures

No Mitigation Measures are required.

V. CULTURAL RESOURCES

Would the project:

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. <i>Cause a substantial adverse change in the significance of a historical resource as defined in §15064.5?</i>	☐	☐	☐	☒

No impact. A records search failed to indicate the presence of any listed National Register of Historic Places or properties within a one-mile radius of the project area. Additionally, no California Historical Landmarks or California Points of Historical Interest properties were identified on the site or vicinity. The California State Historic Resource Inventory (HRI) lists no buildings in the vicinity that have been previously evaluated for historical significance.

Additionally, the pipelines will be located within an existing street, sidewalk, fenced reservoir site or buildings. Therefore, the proposed project could not cause an adverse change to any historic properties potentially eligible for inclusion on the National Register of Historic Places, the California Register of Historic Places, or the California Historic Landmarks. Therefore, no mitigation measures are required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<i>b. Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?</i>	☐	☐	☐	☒

No impact. The results of the archaeological record search conducted at the South Central Coastal Information Center at UCLA indicated that no prehistoric or historic archaeological sites have been recorded within the proposed project boundary. Therefore, the project would not have any significant cultural resource impacts and no mitigation measures are required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<i>c. Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?</i>	☐	☐	☐	☒

No impact. The results of the paleontological record search conducted at the South Central Coastal Information Center at UCLA indicated that no prehistoric or historic archaeological sites have been recorded within the proposed project boundary. Therefore, the project would not have any significant cultural resource impacts and no mitigation measures would be required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<i>d. Disturb any human remains, including those interred outside off formal cemeteries?</i>	☐	☐	☐	☒

No impact. There are no known human remains within the project site or vicinity. As referenced under Response V a), the results of the records search and archaeological field study were both completely negative for significant cultural resources. Therefore, it is unlikely that the project would disturb any human remains and no mitigation measures would be required.

Mitigation Measures

No Mitigation Measures are required.

VI. GEOLOGY AND SOILS

Would the project:

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. <i>Expose people or structure to potential substantial adverse effects, including the risk of loss, injury, or death involving?</i>	☐	☐	☒	☐
i. <i>Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42</i>				

Less than significant impact. Principal faults in the area include the La Tuna Canyon Fault along the southwestern margin of the Verdugo Basin and the Sierra Madre fault zone along the northeastern margin of the Verdugo Basin. Relative motion on each fault is such that the adjoining mountain blocks have moved upward relative to the central alluvial portion of the basin. Thus, the Verdugo Basin has been down-dropped by these two faults relative to the uplifting of the two adjoining mountain masses. These two faults are considered to have very limited effect on the flow of groundwater within the Verdugo basin. It is not likely that the nitrate removal treatment facility and new building will be adversely affected as a result of fault rupture. No significant impacts are anticipated.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
ii. <i>Strong seismic ground shaking?</i>	☐	☐	☒	☐

Less than significant impact. Although surface faulting does not appear to be a potential hazard within the areas where the improvements are proposed, the La Tuna Canyon Fault and the Sierra Madre fault zone potentially could be seismically active and capable of producing a magnitude 7.0 earthquake. It is not likely that the nitrate removal treatment facility and new building will be adversely affected as a result of ground shaking. No significant impacts are anticipated.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
iii. <i>Seismic-related ground failure, including liquefaction?</i>	☐	☐	☒	☐

Less than significant impact. Although the area is subject to potential moderate ground shaking from earthquakes occurring with region, the potential impacts associated with ground shaking are considered less than significant. The Fault-Rupture Hazard Zones in California - Division of Mines & Geology Special Publication 42 does not identify any ground shaking or liquefaction potential for the site. It is not likely that the proposed well and related facilities will be adversely affected as a result of ground shaking. No significant impacts are anticipated.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<i>iv. Landslides?</i>	☐	☐	☐	☒

No impact. The subject property is on a slight slope from north to south. However, there is no potential for failure or mudslide in case of seismic activity or other triggering mechanism, such as rainfall or runoff; therefore no such impact will occur.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<i>b. Result in substantial soil erosion or the loss of topsoil?</i>	☐	☐	☐	☒

No impact. Since the site has not been used for agricultural production, the loss of topsoil would not have an impact. In addition, compliance with the General Construction Activities Storm Water Permit and development of Best Management Practices (further discussed below under Section IX a), Hydrology and Water Quality) will ensure that no substantial erosion occurs during construction and therefore no mitigation measures would be required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<i>c. Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?</i>	☐	☐	☐	☒

No impact. The Fault-Rupture Hazard Zones in California - Division of Mines & Geology Special Publication 42 does not identify any unstable slopes or liquefaction potential for the site. There is no known subsidence potential. It is not likely that the proposed well and related facilities will be adversely affected as a result of ground shaking. Therefore, no mitigation measures would be required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<i>d. Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?</i>	☐	☐	☐	☒

No impact. Any expansive soils will be removed from the site and re-compacted prior to construction. Therefore, no mitigation measures would be required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
e. <i>Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?</i>	☐	☐	☐	☒

No impact. The project will necessitate a connection to the local sewer system and no alternative wastewater disposal systems (i.e., septic tanks) will be required. Therefore, no mitigation measures would be required.

Mitigation Measures

No Mitigation Measures are required.

VII. GREENHOUSE GAS EMISSIONS

Would the project:

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. <i>Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?</i>	☐	☐	☒	☐

Less than significant impact. Greenhouse Gas (GHG) Emissions are said to result in an increase in the earth's average surface temperature commonly referred to as global warming. This rise in global temperature is associated with long-term changes in precipitation, temperature, wind patterns, and other elements of the earth's climate system, known as climate change. These changes are now broadly attributed to GHG emissions, particularly those emissions that result from the human production and use of fossil fuels.

Climate changes resulting from GHG emissions could produce an array of adverse environmental impacts including water supply shortages, severe drought, increased flooding, sea level rise, air pollution from increased formation of ground level ozone and particulate matter, ecosystem changes, and increased wildfire risk, agricultural impacts, ocean and terrestrial species impacts, among other adverse effects.

In 2006, the State passed the Global Warming Solutions Act of 2006, commonly referred to as AB 32, which set the greenhouse gas emissions reduction goal for the State of California into law. The law requires that by 2020, State emissions must be reduced to 1990 levels by reducing greenhouse gas emissions from significant sources via regulation, market mechanisms, and other actions

Senate Bill 375 (SB 375), passed in 2008, links transportation and land use planning with global warming. It requires the California Air Resources Board (CARB) to set regional targets for the purpose of reducing greenhouse gas emissions from passenger vehicles. Under this law, if regions develop integrated land use, housing and transportation plans that meet SB 375 targets, new projects in these regions can be relieved of certain review requirements under CEQA. The Southern California Association of Governments (SCAG) has prepared the region's Sustainable Communities Strategy (SCS) which is part of the Regional Transportation Plan (RTP).

Glendale has an adopted the Greener Glendale Plan for Community Activities in 2012. Glendale's Plan meets regional greenhouse gas reduction targets, as established by SCAG and adopted by the CARB.

The Greener Glendale Plan uses land use development patterns, transportation infrastructure investments, transportation measures and other policies that are determined to be feasible to reduce GHG. It should be noted that an individual project's GHG emissions will generally not result in direct impacts under CEQA, as the climate change issue is global in nature, however an individual project could be found to contribute to a potentially significant cumulative impact.

This project will have short-term construction activities and is consistent with Greener Glendale Strategies to reduce GHGs. The project also includes electrical motors for the pumping operation. The motors will be premium efficiency motors, which will decrease the amount of power required and therefore, would result in cumulatively less than significant impacts associated with GHG emissions.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<i>b. Conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases?</i>	☐	☐	☒	☐

Less Than Significant Impact. In an effort to implement State mandates under AB32 and SB375 that address climate change in local land use planning, local land use jurisdictions are generally preparing GHG emission inventories and reduction plans and incorporating climate change policies

For the reasons discussed above, this project will not conflict with an applicable plan, policy or regulations that are adopted for the purpose of reducing the emissions of greenhouse gases and therefore, would result in cumulatively less than significant impacts associated with GHG emissions..

Mitigation Measures

No Mitigation Measures are required.

VIII. HAZARDS AND HAZARDOUS MATERIALS

Would the project:

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<i>a. Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?</i>	☐	☐	☐	☒

No impact. The project will include the installation of a chlorination station that will use 12.5% solution of sodium hypochlorite (NaOCl) which is a compound that can be effectively used for water purification. Sodium hypochlorite is not considered a hazardous material for the transport, use and disposal of the material. The sodium hypochlorite system will be installed with a containment system to prevent leakage onto the site.

The nitrate removal treatment systems will include the use of carbon dioxide, hydrogen and phosphoric acid.

Carbon dioxide is not considered a hazardous material. It will be delivered and stored in a stationary, insulated container for use in generating hydrogen on-site.

Hydrogen will be generated on-site with a small "reformer" which combines natural gas (methane) and pure water over a catalyst to generate hydrogen and carbon dioxide. Excess hydrogen will be vented to atmosphere.

Phosphoric Acid is not considered a hazardous material, but is considered corrosive. It is used during the process to create the biofilm (bacteria) for the biological nitrate reduction. Phosphoric Acid will be contained in a 5 gallon PVC container will be located within a ventilate area.

All the liquid chemicals will be housed together each in their own secondary containment in one room of the Operations Building.

It is not anticipated that there would be any routine transport, use, or disposal of hazardous materials from the proposed project which would create a significant health hazard. No impacts are anticipated and no mitigation measures would be required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<i>b. Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?</i>	☐	☐	☐	☒

No impact. Refer to Response VII a), above.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<i>c. Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?</i>	☐	☐	☒	☐

Less Than Significant Impact: There is an existing private school, Crescenta Valley Adventist School that is located along the project's west side, which is within one-quarter mile of the project. The sodium hypochlorite may emit a chlorine smell during the loading and unloading process. Typically, the chlorine smell is detected within a 100-foot radius of the building and will not be detected by the School. If there were a sodium hypochlorite leak, it will be contained within the building and will not be detected by the School. Therefore, would result in a cumulatively less than significant impacts associated with hazardous materials.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<i>d. Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?</i>	☐	☐	☐	☒

No impact. The project site is not listed as a hazardous materials site compiled pursuant to Government Code Section 65962.5 and, as a result, project implementation would not create a significant hazard to the public or the environment. Therefore, no mitigation measures would be required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
e. <i>For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?</i>	☐	☐	☐	☒

No impact. The project site is not located within an airport land use plan or within two miles of a public use airport. No mitigation measures would be required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
f. <i>For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?</i>	☐	☐	☐	☒

No impact. The project site is not within the vicinity of a private airstrip. Therefore, no mitigation measures would be required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
g. <i>Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?</i>	☐	☐	☐	☒

No impact. The proposed project would not involve any use that would interfere with the City of Glendale or City of Los Angeles's Emergency Operations Plan or with major emergency evacuation routes out of the area. Therefore, no mitigation measures would be required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
h. <i>Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?</i>	☐	☐	☐	☒

No Impact. The project site is not in a fire hazard area as depicted on the City of Glendale and City of Los Angeles's Safety and Noise Element. Therefore, no mitigation measures would be required.

Mitigation Measures

No Mitigation Measures are required.

IX. HYDROLOGY AND WATER QUALITY

Would the project:

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. <i>Violate any water quality standards or waste discharge requirements?</i>	☐	☐	☒	☐

No impact. The re-activation of Well 2 as part of the project will produce water greater than MCL for nitrate for domestic water use of 45mg/l. The proposed construction of a Nitrate Removal Treatment Plant will reduce the nitrate level to 30 mg/L or less, which is below the MCL. Waste discharge from Well 2 and the Nitrate Removal Treatment Plant will be directed to an on-site sewer lateral and disposed to the City of Glendale sewer. Therefore, no mitigation measures would be required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
b. <i>Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level?</i>	☐	☐	☐	☒

No impact. Well 2 is located 2.7 miles away from the nearest existing groundwater well. Crescenta Valley Water District has determined from historical data that Well 2 will not have any significant impact on CVWD's existing groundwater wells. Well 2 will not substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table. Therefore, no impacts are anticipated.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
c. <i>Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site?</i>	☐	☐	☐	☒

No impact. The grading and paving for the project would not result in a substantial change in the existing drainage patterns, nor would it cause substantial erosion or alteration of the course of a stream or river. Therefore, no mitigation measures would be required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
d. <i>Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner, which would result in flooding on- or off-site?</i>	☐	☐	☐	☒

No impact. Refer to Response IX c), above.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
e. <i>Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?</i>	☐	☐	☐	☒

No impact. Operational activities from project implementation will be directed to the local sewer and will not result in substantial additional sources of polluted runoff. Therefore, no mitigation measures would be required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
f. <i>Otherwise substantially degrade water quality?</i>	☐	☐	☐	☒

No impact. The re-activation of Well 2 and the new nitrate removal treatment facility will not substantially degrade the existing water quality. Therefore, no mitigation measures would be required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
g. <i>Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?</i>	☐	☐	☐	☒

No impact. No residential uses are proposed as part of this project. Therefore, no mitigation measures would be required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
h. <i>Place within a 100-year flood hazard area structures, which would impede or redirect flood flows?</i>	☐	☐	☐	☒

No impact. According to the FEMA Flood Insurance Rate Map, Panel 06037C1335F (updated 9/26/08), the proposed project area is outside the designated 100-year flood zone. Therefore, no mitigation measures would be required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
i. <i>Expose people or structure to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?</i>	☐	☐	☐	☒

No impact. As identified in the City of Glendale, Safety and Noise Element, "the Planning Area will not be subject to inundation from dam failure." Therefore, no mitigation measures would be required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
j. <i>Inundation by seiche, tsunami, or mudflow?</i>	☐	☐	☐	☒

No impact. The proposed project will not be subject to seiche, tsunami, or volcanic hazards. Therefore no mitigation measures would be required.

Mitigation Measures

No Mitigation Measures are required.

X. LAND USE AND PLANNING

Would the project:

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. <i>Physically divide an established community?</i>	☐	☐	☐	☒

No impact. The project would not divide an established community. Therefore, no mitigation measures would be required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
b. <i>Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?</i>	☐	☐	☐	☒

No impact. The area in which the new nitrate removal treatment facility will be constructed is an established residential neighborhood. The City of Glendale General Plan has designated the area where the proposed project is located as "R1 - Low Density Residential".

In accordance with California Government Code § 53091, building and zoning ordinances do not apply to local agencies such as Crescenta Valley Water District, with respect to the location or construction of facilities for the production, generation, storage or transmission of water. Therefore, the proposed project is not subject to the City of Glendale General Plan. Therefore, no mitigation measures would be required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
c. <i>Conflict with any applicable habitat conservation plan or natural community conservation plan?</i>	☐	☐	☐	☒

No impact. As discussed under Response IV f) above, the project site is not within any adopted habitat conservation area. Therefore, no mitigation measures would be required.

Mitigation Measures

No Mitigation Measures are required.

XI. MINERAL RESOURCES

Would the project:

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. <i>Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?</i>	☐	☐	☐	☒

No impact. According to the City of Glendale General Plan - Conservation/Open Space/Recreation Elements, no mineral deposits of statewide or regional importance exist on the project site. Therefore, no mitigation measures would be required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
b. <i>Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?</i>	☐	☐	☐	☒

No impact. See Response XI a), above.

Mitigation Measures

No Mitigation Measures are required.

XII. NOISE

Would the project result in:

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. <i>Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?</i>	☐	☐	☐	☒

No impact. Construction equipment generates noise levels in the range of 60 to 90 dBA. Construction in this area will expose residents of the area to intermittently higher noise levels, including those, which approach 90 dBA, depending on the type of equipment used during construction. Although the increase in noise in the project area will be greater than that which currently exists, it will be temporary in nature and cease upon completion of the project.

The new pump and motor assembly will be a submersible pump that will not emit any additional noise levels after construction is completed. The new Nitrate Removal Treatment Plant will have equipment that will emit noise that are not consistent with the area, however, the noise level will not exceed the noise standard for the area. Equipment that may produce higher noise levels will be located within the new operations building, which will attenuate the noise level outside the building. Therefore, no mitigation measures would be required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<i>b. Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?</i>	☐	☐	☐	☒

No impact. Based on the type of proposed activity and construction that would occur, no excessive groundborne vibration or noise levels would be generated that are typically associated with the type of construction. Therefore, no mitigation measures would be required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<i>c. A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?</i>	☐	☐	☐	☒

No impact. Refer to Response XII (a), above.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<i>d. A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?</i>	☐	☐	☐	☒

No impact. Refer to Response XII (a), above.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<i>e. For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?</i>	☐	☐	☐	☒

No impact. The project site is not located within two miles of an active public use airport. Therefore, No mitigation measures would be required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<i>f. For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?</i>	☐	☐	☐	☒

No impact. The project site is not located in the vicinity of a private airstrip. Therefore, no mitigation measures would be required.

Mitigation Measures

No Mitigation Measures are required.

XIII. POPULATION AND HOUSING

Would the project:

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. <i>Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?</i>	☐	☐	☐	☒

No impact. The proposed project is not anticipated to directly or indirectly induce substantial population growth. No residential uses are associated with the project and the project will not require considerable extension of infrastructure in an area not previously served. Therefore, no mitigation measures would be required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
b. <i>Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?</i>	☐	☐	☐	☒

No impact. No existing housing is located on the project site nor would any housing be displaced by the implementation of the proposed project. Therefore, no mitigation measures would be required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
c. <i>Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?</i>	☐	☐	☐	☒

No impact. No residential use occurred on the project site nor would any persons be displaced by the implementation of the proposed project. Therefore, no mitigation measures would be required.

Mitigation Measures

No Mitigation Measures are required.

XIV. PUBLIC SERVICES

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. <i>Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the following public services: Fire protection?</i>	☐	☐	☐	☒

No impact. Project implementation will not result in any adverse impacts to fire protection. Once construction of the facilities is completed, no impacts to fire services are anticipated. Therefore, no mitigation measures would be required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
b. <i>Police protection?</i>	☐	☐	☐	☒

No impact. The project does not propose development that would affect the existing level of police protection. No mitigation measures would be required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
c. <i>Schools?</i>	☐	☐	☐	☒

No impact. No significant impacts on existing school facilities are expected to occur as a result of this project. Therefore, no mitigation measures would be required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
d. <i>Parks?</i>	☐	☐	☐	☒

No impact. No significant impacts on existing parks are expected to occur as a result of the proposed project since the project would not displace any recreational uses. Therefore, no mitigation measures would be required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
e. <i>Other public facilities?</i>	☐	☐	☐	☒

No impact. No additional impacts to other public facilities have been identified. Refer to Section XVII for a discussion on utilities and service systems.

Mitigation Measures

No Mitigation Measures are required.

XV. RECREATION

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. <i>Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?</i>	☐	☐	☐	☒

No impact. The proposed project will have no direct effect on existing recreational facilities. No increases in the demand for such facilities will occur as a result of this project. Therefore, no mitigation measures would be required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
b. <i>Does the project include recreational facilities or require the construction or expansion of recreational facilities, which might have an adverse physical effect on the environment?</i>	☐	☐	☐	☒

No impact. Project does not include any recreational facilities or construction or expansion of recreational facilities of existing facilities. Therefore, no mitigation measures would be required.

Mitigation Measures

No Mitigation Measures are required.

XVI. TRANSPORTATION/TRAFFIC

Would the project:

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. <i>Conflict with an applicable plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit?</i>	☐	☐	☐	☒

No impact. Implementation of the proposed project will not increase vehicle trips, however, construction activities associated with the construction and installation of the nitrate removal treatment facility, operations building and related facilities may result in temporary increased congestion along Lowell Avenue and Honolulu Ave. The construction activity of vehicles entering and exiting the site may affect local residential traffic, particularly the residents in the area. Lowell Ave and Honolulu Ave are high traffic volume areas for access to the 210 Freeway.

The construction activity will not result in any significant traffic control and will be relatively short-term and traffic congestion will be minimal since no work will be within the public right-of-way. Therefore, no mitigation measures would be required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<i>b. Conflict with an applicable congestion management program, including, but not limited to level of service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways?</i>	☐	☐	☐	☒

No impact. Refer to Response XVI (a), above.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<i>c. Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?</i>	☐	☐	☐	☒

No impact. The project does not propose any use which could cause any changes to air traffic patterns, an increase in traffic levels or a change in location that results in substantial safety risks. Therefore, no mitigation measures would be required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<i>d. Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?</i>	☐	☐	☐	☒

No impact. The proposed project will be constructed within the existing property. Therefore, no hazards to safety from design features or incompatible uses are anticipated. Therefore, no mitigation measures would be required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<i>e. Result in inadequate emergency access?</i>	☐	☐	☐	☒

No impact. The proposed project will be constructed within the existing property and emergency access will be available from the adjacent roadways. Therefore, no mitigation measures required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<i>f. Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities?</i>	☐	☐	☐	☒

No impact. The proposed project will be constructed within the existing property and will not conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of these programs. Therefore, no mitigation measures required.

Mitigation Measures

No Mitigation Measures are required.

XVII. UTILITIES AND SERVICE SYSTEMS

Would the project:

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<i>a. Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?</i>	☐	☐	☐	☒

No impact. The wastewater discharge from the project will not exceed the wastewater treatment requirements of the City of Glendale and/or the Regional Water Quality Control Board. Therefore, no mitigation measures required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<i>b. Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?</i>	☐	☐	☐	☒

No impact. The proposed project includes a new nitrate removal treatment plant (water facility) however; the waste discharge for the new plant will discharge to the sewer and will not cause any significant environmental effect. Therefore, no mitigation measures required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<i>c. Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?</i>	☐	☐	☐	☒

No impact. The proposed project does not include construction of any new storm water drainage facilities that could have significant environmental effect. Therefore, no mitigation measures required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
d. Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?	☐	☐	☐	☒

No impact. The project has sufficient water supplies available to serve the project from the City of Glendale and Crescenta Valley Water District and no new or expanded entitlements are needed. Therefore, no mitigation measures required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
e. Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	☐	☐	☐	☒

No impact. CVWD has discussed the project with the City of Glendale and have determined that there is adequate wastewater capacity to serve the project. Therefore, no mitigation measures required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
f. Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?	☐	☐	☐	☒

No impact. The proposed implementation of the project will not require or produce any significant solid waste disposal needs. Therefore, no mitigation measures required.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
g. Comply with federal, state, and local statutes and regulations related to solid waste?	☐	☐	☐	☒

No impact. All local, state, and federal guidelines regarding solid waste will be complied with during project construction and operation including Assembly Bill 1327 which requires that adequate areas for collecting and loading recyclable materials be provided. Therefore, no mitigation measures required.

Mitigation Measures

No Mitigation Measures are required.

XVIII. MANDATORY FINDINGS OF SIGNIFICANCE

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. <i>Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?</i>	☐	☐	☐	☒

No Impact. Based on the preceding analysis, the pending project does not have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
b. <i>Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?</i>	☐	☐	☐	☒

No impact. The project will not contribute to cumulatively considerable impacts. Cumulative effects, along with impacts of developing the proposed project have been considered for all environmental categories contained in this section and no significant impacts after mitigation have been identified.

	Potential Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
c. <i>Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?</i>	☐	☐	☐	☒

No impact. With the implementation of permit and code requirements as well as adoption of the recommended mitigation measures no direct or indirect adverse effects would occur on human beings.

California Environmental Quality Act

NOTICE OF INTENT

To Adopt a Negative Declaration

To: X Office of Planning and Research
1400 Tenth Street, Room 121
Sacramento, CA 95814

From: Crescenta Valley Water District
2700 Foothill Boulevard
La Crescenta, CA 91214

X County Clerk
County of Los Angeles
12400 Imperial Highway
Norwalk CA 90650

I. PROJECT DESCRIPTION

Title: Nitrate Removal Treatment Facility for Well 2 at Ordunio Reservoir **File No.** Project E-956

Project Location: 4029 Lowell Avenue, Glendale, CA 91214

Division/Department Responsible for Proposed Project: Crescenta Valley Water District

Address: 2700 Foothill Boulevard
La Crescenta, CA 91214

Contact Person: David S. Gould, District Engineer

Telephone: (818) 236-4119

E-mail: dgould@cvwd.com

Description:

The project property site is located at 4029 Lowell Avenue, at the intersection of Lowell Avenue and Honolulu Avenue. The east side of property is within the City of Glendale and west side of property is within the City of Los Angeles, Los Angeles County. The proposed project site will be located within the City of Glendale (Reference Exhibit A).

The proposed project consists of installation of a nitrate removal treatment facility, operations building, and a pump assembly to re-activate CVWD's Well 2, which was out of service since 1976 for potable water use.

The project will include the following:

- A submersible pump and motor
- A small operations building with chlorination room and electrical room on a concrete pad
- A nitrate removal treatment facility within a covered area on a concrete pad
- Chlorination feed system with sodium hypochlorite solution
- Electrical system to provide power for the pump and nitrate removal treatment facility
- Telemetry system to provide the ability to remotely monitor and control the pump and nitrate removal treatment facility
- Above ground discharge piping with a flow meter to connect to Ordunio Reservoir
- Underground discharge piping to waste
- Asphaltic concrete paving and on-site improvements

Additionally, a new automated gate will be installed on the east side of the property. The existing fences along the north, west and south property lines will remain in place.

The site will be graded to accommodate construction equipment and future maintenance of the facility. Outdoor lights will be installed and only used during nighttime emergencies.

An initial study of the project has determined that outdoor lighting, temporary noise, traffic, air quality from construction, and location of site within Sierra Madre fault zone will have a less than significant impact on the environment.

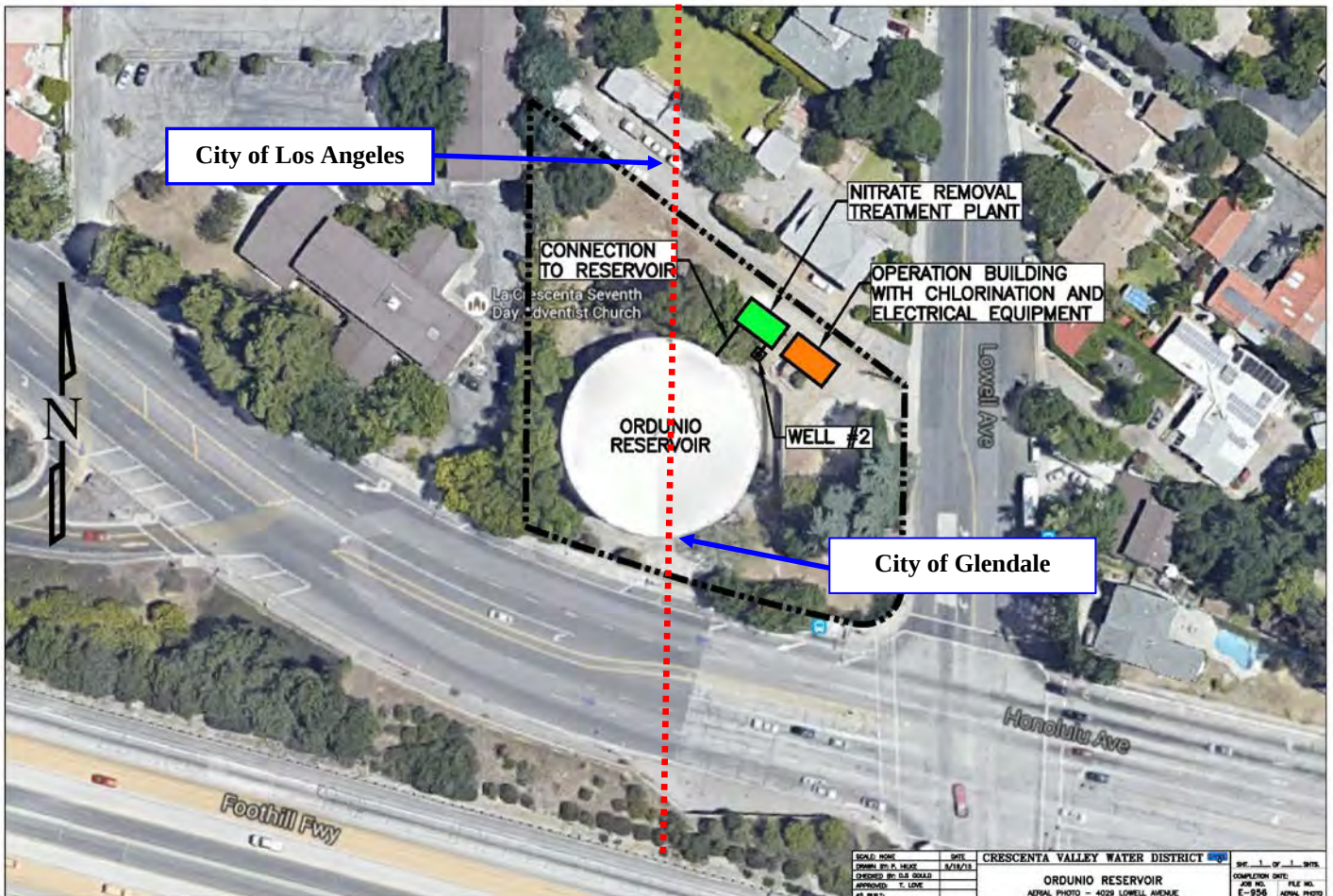
II. PUBLIC AVAILABILITY AND COMMENT PERIOD

The public review and comment period for this Negative Declaration is from August 28, 2015 to October 2, 2015. Crescenta Valley Water District must receive all written comments on the Negative Declaration by **4:00 p.m. on September 29, 2015**. The Negative Declaration and all supporting references and technical studies are on file and may be reviewed in the office listed above. The Board of Directors will review this document and other sources of information before considering the proposed project. A Public Hearing will be held on October 6, 2015 at 7:00 pm in the District's Board Room located at 2700 Foothill Blvd, La Crescenta, CA.

III. PUBLIC HEALTH AND SAFETY NOTICE The project site is not listed on any of the lists enumerated under Section 65962.5 of the Government Code regarding the presence of hazardous materials and/or related contamination.

Date: August 27, 2015

Exhibit A



4029 Lowell Ave. - Location Map



Rockhaven Well (Well 16)

SCH Number: 2014051054

Document Type: Neg - Negative Declaration

Project Lead Agency: Crescenta Valley Water District

Project Description

The proposed project consists of putting into service a groundwater well, which was drilled by the City of Glendale and completed 2011 for potable water use. The proposed well has shown to be able to pump 400 gallons per minute. The project will include the vertical turbine pump and motor, a small building enclosure, above ground discharge piping, electrical and telemetry systems to provide power, paving and on-site improvements, underground discharge piping to waste and 1,200 LF - 8-inch water main from the intersection of La Crescenta Ave and Hermosa Ave to the intersection of La Crescenta Ave and Sycamore Ave which will connect to an existing 8-inch water main to CVWD's Nitrate Removal Treatment Plant.

Contact Information

Primary Contact:

David S. Gould
Crescenta Valley Water District
818 236 4119
2700 Foothill Boulevard
La Crescenta, CA 91214

Project Location

County: Los Angeles
City: Glendale
Region:
Cross Streets: La Crescenta and Hermosa Ave. & La Crescenta Ave and Sycamore Ave
Latitude/Longitude: 34° 12' 43" / 118° 14' 21" [Map](#)
Parcel No: 5610024905
Township:
Range:
Section:
Base:
Other Location Info: La Crescenta

Proximity To

Highways: Hwy 210
Airports:
Railways:
Waterways:
Schools:
Land Use: LU: R-3050 Z: R-3050 GP: R-3050

Development Type

Water Facilities

Local Action

Other Action

Project Issues

Aesthetic/Visual, Agricultural Land, Air Quality, Archaeologic-Historic, Biological Resources, Drainage/Absorption, Flood Plain/Flooding, Forest Land/Fire Hazard, Geologic/Seismic, Minerals, Noise, Population/Housing Balance, Public Services, Recreation/Parks, Sewer Capacity, Soil Erosion/Compaction/Grading, Solid Waste, Toxic/Hazardous, Traffic/Circulation, Vegetation, Water Quality, Water Supply, Wetland/Riparian, Landuse, Cumulative Effects, Other Issues (GHG)

Reviewing Agencies (Agencies in **Bold Type** submitted comment letters to the State Clearinghouse)

Resources Agency; Department of Fish and Wildlife, Region 5; Department of Parks and Recreation; Department of Water Resources; California Highway Patrol; Caltrans, District 7; CA Department of Public Health; Air Resources Board; State Water Resources Control Board, Division of Water Rights; Regional Water Quality Control Board, Region 4; Native American Heritage Commission; Public Utilities Commission

Date Received: 5/15/2014 **Start of Review:** 5/15/2014 **End of Review:** 6/13/2014

RESOLUTION NO. 727

RESOLUTION OF THE BOARD OF DIRECTORS OF CRESCENTA VALLEY WATER DISTRICT ADOPTING A NEGATIVE DECLARATION FOR THE INSTALLATION OF NITRATE REMOVAL TREATMENT FACILITY FOR WELL 2 AT ORDUNIO RESERVOIR

WHEREAS, Crescenta Valley Water District proposes to re-active Well 2 at Ordunio Reservoir and install a new Nitrate Removal Treatment Facility for potable water use, hereinafter referred to as the "project" as defined in the California Environmental Quality Act (CEQA), and the District is the appropriate lead agency for making determinations under CEQA;

WHEREAS, the construction of the project will include a new 150 gpm pump and motor, onsite piping, small building, electrical and telemetry system, storm drain line to pump to waste, and on-site improvements. The project will also include the installation of a nitrate removal treatment facility which will treat the groundwater below the MCL and remove nitrates from the Verdugo Basin;

WHEREAS, an initial study was prepared for the project area and concluded that temporary noise, traffic, and dust as a result of construction would have a less than significant effect on the environment; and that the potential impact on the environment associated with the installation of the new nitrate removal treatment facility will be mitigated to less than significant through the use of best management practices;

WHEREAS, the District gave notice of intent to adopt a mitigated negative declaration in accordance with section 15072 of the District's and the State CEQA guidelines, and provided a public review period of not less than 30 days, in accordance with section 15073 of the guidelines starting on August 27, 2015;

WHEREAS, the documents or other material which constitute the record of proceedings upon which this resolution is based are located at the District office and the custodian of the documents is the General Manager;

WHEREAS, the Board of Directors of the District has considered the proposed negative declaration together with any comments received during the public review process;

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors of the Crescenta Valley Water District finds on the basis of the whole record before it (including the initial study and any comments received), that there is no substantial evidence the project will have a significant effect on the environment and that the negative declaration reflects the District's independent judgment and analysis;

BE IT FURTHER RESOLVED, that the Board of Directors adopts the proposed negative declaration, and approves the project;

BE IT FURTHER RESOLVED, that the General Manager is authorized and directed to file a Notice of Determination with the County Clerk of Los Angeles County, within five working days after the adoption of this resolution.

PASSED, APPROVED, AND ADOPTED at a Regular Meeting of the Board of Directors of Crescenta Valley Water District held on October 6, 2015, Resolution No. 727 was adopted by the following vote:

AYES: **Director**
 Director
 Director
 Director
 Director

NOES:

ATTEST:

President, Board of Directors
Crescenta Valley Water District

Secretary of the Board of Directors

CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS - STAFF REPORT

Agenda Item No. 5

October 6, 2015

To: Honorable President and Members of the Board of Directors

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

Subject: **Award of Contract – Engineering Services for Design of CVWD's Well 2 and Related Facilities at Ordunio Reservoir, Project E-956**

AGENDA ITEM

CVWD's Well 2 and Related Facilities at Ordunio Reservoir, Project E-956 – Consideration and motion to authorize the General Manager to enter into an agreement with SA Associates, Inc. to provide professional engineering services for the design of CVWD's Well 2 and related facilities at Ordunio Reservoir for a cost of \$114,000 and establish a contingency amount of 11,400 (10% of contract) to cover the cost of unforeseen or additional work.

BACKGROUND:

CVWD has an inactive groundwater well (Well 2) located at CVWD's Ordunio Reservoir site that was drilled in 1927, using the cable tool drilling method to 157 feet below ground surface. CVWD's records show that Well 2 was in service from 1949 to 1976. However, in 1976, Well 2 was taken out of service due to the Maximum Contaminant Level (MCL) for nitrate being lowered from 90 mg/L to 45 mg/L and the lack of a nitrate removal treatment facility.

CVWD desires to reactivate Well 2 and install a new nitrate removal treatment facility. The project will utilize a local water resource, increase CVWD's ability to use its adjudicated rights within the Verdugo Basin, reduce CVWD's dependence on imported water from MWD and reduce nitrates levels within the Verdugo Basin.

Staff submitted a grant application under the Proposition 84 2015 IRWM Implementation Grant for the project to the Grant to the Greater Los Angeles County Region (GLAC). The GLAC has approved CVWD's grant application and it was sent to the Department of Water Resources (DWR) as part of the overall grant application for Los Angeles County. DWR will be reviewing the project and will make a recommendation in November 2015 for submittal of a final project application.

The total grant amount requested by CVWD was \$1,815,600 with the IRWM Grant providing 60% (\$1,087,500) and CVWD providing 40% (\$728,100) of the cost of the project.

DISCUSSION:

Staff will need the assistance of a consulting engineering firm to prepare the construction documents and coordination with the City of Glendale to re-activate Well 2 and related facilities. Staff prepared a request for proposal (RFP) for the project that includes the design of a new 150 gpm pump and motor, onsite piping, small building, electrical and telemetry system, sewer line for well pump to waste, and on-site improvements. (See attached).

The project also includes the installation of the ARoNite (Autotrophic Reduction of Nitrate) biological treatment facility which will be designed and installed by APTwater. The consulting engineering firm will be coordinating the design of the project with APTwater.

Staff sent the RFP to eight consulting firms that provided professional engineering services to CVWD and other water agencies throughout Southern California. A pre-proposal meeting was held on September 22, 2015 and was attended by Cannon, Civiltec Engineering, MNS Engineering, and SA Associates. The scope of work and the project limits were discussed at that meeting.

On September 30, 2015, the District received proposal from the following firms.

No.	Firm Name	Cost
1	SA Associates	\$114,000
2	Civiltec Engineering, Inc.	\$117,495
3	Cannon Corporation	\$179,843
4	MNS Engineers, Inc.	\$199,763

Staff was contacted by Hazen & Sawyer, Tetra Tech, DMc Engineering, and Dudek, who said that due to their current workload and time frame, they would not be providing a proposal.

RECOMMENDATION:

Staff reviewed each proposal and ranked them based on understanding the project, scope of work, consultant fee, project experience, project team qualifications, and project schedule.

As shown on the attached ranking chart, it is staff's recommendation to award a professional engineering service contract to SA Associates for the design of CVWD's Well 2 and Related Facilities at a cost of \$114,000. In addition, staff is requesting to establish a contingency amount of 11,400 (10% of contract) to cover the cost of unforeseen or additional work

SA Associates has a good understanding of the project, the project cost and the project schedule, which met the needs of the District. Staff had worked with SA Associates on the Two Strike Park Recycled Water Feasibility Study and is familiar with their project team.

Staff will have a design kick-off meeting within the next two weeks, which will lay out the project schedule and submittal dates. A requirement of the 2015 IRWM Implementation Grant is that construction should begin by April 2016. It is staff's goal is to complete the design by late February 2016 and award the construction contract by April 2016.

ENVIRONMENTAL REVIEW:

N/A

FUNDING AVAILABILITY:

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

Account Description	Grant Cost Breakdown
2015 IRWM Implementation Grant for Design	\$118,000
<i>Amount to be reimbursed from Grant (60%)</i>	<i>\$70,800</i>
<i>CVWD Costs (40%)</i>	<i>\$47,200</i>
Not to exceed cost for Engineering Services	<\$125,400*>
Amount Remaining - included in CVWD's overall cost project	\$<7,400>

*Includes 10% Contingency

Prepared by:



David S. Gould, P.E.
District Engineer

Submitted by:

Thomas A. Love
General Manager

Attachment:

1. RFP for Professional Engineering Services for the Well 2 Design Project
2. Consultant Ranking Chart



REQUEST FOR PROPOSAL

PROFESSIONAL ENGINEERING SERVICES FOR DESIGN OF CVWD'S WELL No. 2 AND RELATED FACILITIES, PROJECT E-956

PROPOSAL DUE DATE: September 30, 2015

INTRODUCTION:

Crescenta Valley Water District desires to reactivate its Well 2 and install a nitrate removal treatment facility at CVWD's Ordunio Reservoir site located at 4029 Lowell Avenue. The project will utilize a local water resource, increase CVWD's ability to pump its adjudicated rights within the Verdugo Basin, reduce CVWD's dependence on imported water from MWD and reduce nitrates levels within the Verdugo Basin. Well No. 2 was drilled in 1927 and was taken out of service in 1977 due to nitrate levels above the MCL and lack of a nitrate removal treatment facility.

Well 2 has a capacity of 150 gpm, which is 240 ac-ft/yr and the nitrate levels are between 45 – 50 mg/l. The project will include a new 150 gpm pump and motor, onsite piping, operations building, electrical and telemetry system, storm drain line to pump to waste, and on-site improvements. The project will also include the installation of a nitrate removal treatment facility (by APTwater) which will treat the groundwater below the MCL and remove nitrates from the Verdugo Basin.

CVWD submitted a grant application in August 2015 as part of the Greater Los Angeles County (GLAC) Region of the Integrated Regional Water Management (IRWM) Group for a Proposition 84, 2015 Integrated Regional Water Management Grant Program. Attached is the grant application for review.

CVWD received a Proposition 50, Chapter 3, Water Security Grant in 2008 for a new emergency water supply interconnection with the City of Los Angeles, Department of Water and Power (LADWP), CVWD and Foothill Municipal Water District (FMWD). The new interconnection, also located at the Ordunio Reservoir site will be able to provide 2.2 cfs from LADWP to CVWD when Metropolitan Water District's (MWD) Weymouth Plant located in La Verne cannot provide imported water due to local emergencies, natural disasters or major shutdowns of their facilities.

The Ordunio Reservoir site includes a 2.75 MG steel tank that provides water to CVWD's Zone 2. There are two booster pumps that move water within Zone 2 from Ordunio Reservoir to Williams Reservoir. These booster pumps will be upgrade to provide water to LADWP as part of the agreement. Ordunio Reservoir is controlled by an altitude valve, which opens and closes as the reservoir fills with water. There is an existing chlorine analyzer that provides chlorine levels to CVWD's SCADA system.

A portion of the site is located within the City of Glendale and a portion of the site is located within the City of Los Angeles and the project will be located within the City of Glendale.

This project will not include the installation of new landscaping or irrigation system. CVWD will perform this work under another contract and at a later date.

PROJECT SCOPE OF WORK:

CVWD is seeking a professional engineering firm to design and prepare construction bidding documents for the installation of the necessary facilities for Well 2 at Ordunio Reservoir. The major elements of the project include:

- Installation of a submersible pump assembly and motor designed per the Preliminary Recommendations for Final Pumping Rate and Pump Depth Setting for Permanent Pump in Well No. 2 Report prepared by Richard S. Slade & Associates dated 1/10/07.
- Installation of a masonry or pre-fabricated operations building with a concrete pad as shown on the attached preliminary plan that will include:
 - A separate room for Motor Control Center and SCADA equipment
 - A separate room for chlorination system and other treatment chemicals
 - A separate room to be used as an operations room with a restroom facility
 - Be architecturally aesthetic to the neighborhood and existing buildings
 - Allow for access to Well 2 and existing booster pumps for repairs and maintenance
- Installation of “carport” type building over the concrete pad with underground piping for the Nitrate Removal Treatment Facility.
 - Includes connection to operations building for electrical power, chemical treatment and SCADA equipment.
 - Consultant shall coordinate the design with APTwater for the AROnite Treatment Facility
- Installation of a chlorine feed system using a sodium hypochlorite (NaOCl) with metering pumps, chlorine analyzer and sampling connections for the following disinfection conditions:
 - Provide chlorination for Well 2 after nitrate removal treatment and before discharging to Ordunio Reservoir
 - Provide chlorination to Ordunio Reservoir when chlorine levels are below 1 mg/L
 - Provide “Break-point” chlorination when receiving chloramines from LADWP
- Installation of above ground piping to include the following:
 - Flow meter and flow control valve for Well 2
 - Piping system to discharge water from Well 2 and the Nitrate Removal Treatment Facility to sewer
 - Piping connection from the operations building to Nitrate Removal Treatment Facility
 - Piping connection from the Nitrate Removal Treatment Facility to Ordunio Reservoir
- Installation of ground piping include the following:
 - Piping for connection to on-site sewer lateral
 - Piping for new water service
 - Piping for new natural gas service
 - Electrical and Telemetry conduits
- Installation of a new Motor Control Center that will replace the existing MCC that will include:
 - A variable frequency drive soft start equipment for Well 2 pump
 - Soft start for the existing booster pumps
 - Power demands for the Nitrate Removal Treatment Facility and other existing or proposed equipment
- Coordination with City of Glendale for new electrical service, water service and sewer service.
- Coordination with City of Glendale for Building, Grading and Excavation Permits
- Coordination with Southern California Gas Company for new natural gas service
- Design of a SCADA system for remote monitor and control with radio communications
- Asphaltic concrete paving and on-site improvements

PROJECT TASKS

The following is a list of tasks for the project:

1. Design Technical Memorandum

- A. Review pump and water quality reports provided by CVWD
- B. Perform utility research of the area to confirm existing utilities
- C. Meet with District Operations staff regarding Operations and SCADA
- D. Meet with design team from APTwater regarding Nitrate Removal Treatment Facility
- E. Provide a technical memorandum with the following:
 - 1) Design parameters for the pump and motor size
 - 2) Design parameters for above ground piping
 - 3) Design parameters for chlorination system
 - 4) Design parameters for Nitrate Removal Treatment Facility
 - 5) 50% design sketches and drawings with site layout
 - 6) Coordination with Glendale for new electrical, water and sewer service including costs
 - 7) Preliminary single-line diagram for electrical power, motor and lighting including total amps and voltage demand for the entire site
 - 8) Preliminary Process & Instrumentation plans for SCADA system
 - 9) Outline the requirements for the following permits
 - i. City of Glendale Public Works
 - ii. City of Glendale, Building and Safety

2. 100% and Final Construction Documents

- A. Prepare 100% submittal and final submittal of construction drawings for the Well 2 pump, and motor, on-site piping, operations building, site improvements, MCC Cabinet, Utility connections, GWP electrical service, SCADA system, and other appurtenances.
- B. Consultant to provide the technical specifications and bid proposal to CVWD, which will be incorporated into the District's "boiler plate" bidding documents.
- C. Prepare construction cost estimates with cost estimate back-up detail.
- D. Obtain all necessary permits from the City of Glendale.
- E. Coordinate with GWP for any electrical transformer upgrades necessary for the project.
- F. Coordinate connections to the Nitrate Removal Treatment Facility and treatment requirements.

3. Construction Services

- A. Prepare for and attend a pre-bid conference and job-site walk-through for potential contractors.
- B. Provide pre-bid clarifications to bidding contractors and/or suppliers as an addendum, as necessary.
- C. Review bid proposals and provide recommendations to CVWD.
- D. Provide construction administration services including shop drawing review and consultation during construction. If further construction administration or inspection is necessary, the District will request this work under a separate contract.

4. Project Meetings & Submittals

- A. Attendance at least five (5) design and bidding project meetings :
 - 1) Kick-off Meeting
 - 2) Preliminary Technical Memorandum
 - 3) 100% Submittal
 - 4) Final Submittal
 - 5) Pre-Bid Meeting

B. CVWD is requesting the following submittals

- 1) Design Technical Memorandum with 50% design sketches and drawing
- 2) 100% Submittal
- 3) Final Submittal

PROPOSAL REQUIREMENTS:

Scope of Work

The proposal shall include a detailed list itemizing the tasks required to complete a scope of work addressing all project criteria outlined above. Each task shall include a detailed estimate of man-hours required to complete each task.

Proposal Fee Schedule

The proposal shall include a "Fee Schedule" outlining all applicable hourly rates and costs for services. The proposal shall provide a breakdown of fees associated with the project task as specified above. The proposal shall also include a "not-to exceed" total fee, which shall include all work necessary to complete the project objective.

Schedule

The proposal shall include a proposed project schedule detailing the time of completion for design and permitting. The schedule shall include the number of calendar days required to perform each task and the total number of calendar days required to complete the entire project. CVWD's goal is to award a contract for construction by April 2016 and to have Well 2 operational and in service by December 2016. In addition, the schedule should include coordination with APTwater.

Project Experience

The proposal shall include description of comparable projects completed by consultant within past five (5) years including date completed, location of work, size of project in dollars, names, addresses, and phone numbers of persons in charge of project, and the name and address of the public agency or firm for whom the project was constructed.

Consultant's Representative

The proposal shall name a responsible representative, an alternate, and all sub-consultants to perform the assigned tasks. The chosen consultant's representative will remain responsible and in charge of all duties from contract negotiations through project completion. If the primary representative is unable to continue with the project, then the alternate representative will become the primary representative. The District must approve any other changes in responsible representative, in advance. The District will have the right to reject other proposed changes in personnel, and may consider any other changes in responsible personnel a breach of contract.

Professional Service Agreement

The chosen consultant shall be responsible for completing the specified services in accordance with the District's standard "Professional Services Agreement," which will be prepared by the District. Services specified in this agreement shall be taken directly from the consultant's accepted proposal and from this "Request for Proposal", if applicable. See attached sample.

Insurance Requirements

The District will require employer's liability, comprehensive commercial liability insurance, and errors and omissions insurance coverage for at least \$2,000,000 and comprehensive automobile liability for at least \$1,000,000. The District requires that the District be named as additional insured on the policy and such insurance policy shall not be terminated or canceled without thirty (30) days prior written notice to the District.

District Reimbursements

The District normally reimburses consultants for the actual cost (plus 15%) for all outside expenses, including those for material costs authorized in advance by the District. Other reasonable expenses will be reimbursed where such costs have been advanced by consultant and approved by the District.

The chosen consultant shall not be compensated for use of computers, office equipment, hardware, or software materials. Said costs are not compensated and time expended by consultant's personnel on such equipment is included within the hourly rate as shown on the consultant's fee schedule.

District's Responsibilities

The District will provide the following to assist the selected consultant with the project and its completion:

- A. Topographic survey of the site location as shown in Attachment A - Site Plan for a base map
- B. Reports, plans, and drawings, as available and pertinent to the proposed project.
- C. Design criteria, preferred manufacturer's information, and other technical information, as available and pertinent to the project.
- D. Current operational condition and performance of existing infrastructure pertinent to the proposed project.
- E. Submittal and approval from State Water Resources Control Board – Division of Drinking Water for amendment to CVWD's permit.
- F. CVWD will pay of all permit fees.

Proposal Due Date

Please submit one (1) copy of the proposal as a PDF file via e-mail via e-mail by 12:00 pm on September 30, 2015 to dgould@cvwd.com. Send three (3) copies of the proposal to the attention of Mr. David S. Gould, District Engineer at Crescenta Valley Water District, 2700 Foothill Boulevard, La Crescenta CA 91214. If you have any questions or comments, contact Mr. Gould at (818) 236-4119.

Crescenta Valley Water District

Design of CVWD's Well 2 and Related Facilities, Project E-956

Consultant Ranking

Ranking	Weighted Percent	SA Associates		Cannon		MNS Engineers		Civiltec Engineering	
		Score	Weighted Score	Score	Weighted Score	Score	Weighted Score	Score	Weighted Score
Project Concept/ Understanding	25%	4.2	1.05	4.6	1.15	4.4	1.10	4.0	1.00
Scope of Work	15%	4.3	0.65	4.2	0.63	4.1	0.62	3.5	0.53
Consultant's Fee	20%	4.5	0.90	3.5	0.70	3.4	0.68	4.0	0.80
Project Experience	15%	4.0	0.60	4.5	0.68	4.0	0.60	4.0	0.60
Project Team Qualifications	15%	4.0	0.60	4.5	0.68	4.0	0.60	4.0	0.60
Project Schedule	10%	4.0	0.40	3.2	0.32	3.7	0.37	4.0	0.40
Final Weighted Score	100%		4.20		4.15		3.97		3.93
Proposal Cost			\$114,000		\$179,843		\$199,763		\$117,495

Each consultant's proposal rated 1 - 5 (5 outstanding - 3 average - 1 unsatisfactory) on each category above. Each rating is multiplied by the weighted average for each category and totaled for the final weighted score.

Categories:

Project Concept/ Understanding - How well the consultant's proposal addressed the needs of the District as outlined in the request for proposal

Scope of Work - How well the consultant showed how its firm would complete the requested tasks

Consultants Fee - How well the consultant's proposal utilized their staff and the costs associated with the proposal

Project Experience - How much previous experience has the consultant on projects similar to this project

Project Team Qualifications - How did the consultant's proposal use its staff and the experience of the individual people involved

Project Schedule - How well did the consultant's proposal address the schedule and completion of the project

CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS - STAFF REPORT

Action Item No. 6
October 6, 2015

To: Honorable President and Members of the Board of Directors
From: David S. Gould, P.E. – District Engineer
Subject: Award of Contract for Quality Control Inspection Services for Well 16 Building and Related Facilities, Project E-940

ACTION ITEM:

Well 16 Building and Related Facilities, Project E-940 – Consideration and motion to authorize the General Manager to enter into an agreement with Cannon Corporation for quality control inspection services related to the construction of the Well 16 building and related facilities at a cost of \$69,380.

DISCUSSION:

California Building Evaluation & Construction, Inc. (CBEC) began construction of the Well 16 building and related facilities on September 14, 2015 and the anticipated completion date for the entire project will be December 18, 2015.

CVWD's Assistant Engineer Christina Olmedo and Construction Inspector Cory Whitman have been providing construction management and inspection services for this project and the recently completed pipeline. However, the Engineering Department has other Capital Improvement projects listed below that are either in the design phase or will be under construction within the next month and will require the attention of Ms. Olmedo and Mr. Whitman.

- 1) Ocean View Chlorination Station
- 2) Fence/Wall at Ordunio Reservoir
- 3) Pipeline replacements
 - a. 2600 Block of Harmony
 - b. 2700 Block of Brookhill
 - c. 3900 Block of Park Pl
 - d. 2800 Block of Prospect
 - e. 4400 Block of Glenwood
- 4) Emergency electrical generator at the Sewer Lift Station

To meet the needs of the District to complete this project and the other capital projects for FY 15/16, staff has requested a proposal (see attached) from Cannon to provide quality control inspection services for the remaining time for the Well 16 project. Cannon was the design engineering firm for the project and has knowledge of the project.

Cannon provided a proposal for quality control inspection services as attached for \$69,380. This includes full-time inspection, daily and weekly reports, responses to request for information, verification of equipment delivery, coordination with CVWD personnel, coordination with Glendale and project close-out. Gary Roepke will be the project manager, Patrick Riddell will be the construction manager, and Jordan Kehoe will be the construction observer.

RECOMMENDATION:

It is staff's recommendation to authorize the General Manager to enter into an agreement with Cannon for quality control inspection services at a cost of \$69,380 to complete the project. This will relieve staff to move forward on the remaining capital improvement projects for FY 15/16 and complete Well 16 in December 2015.

ENVIRONMENTAL REVIEW:

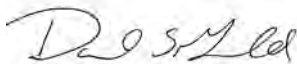
N/A

FUNDING AVAILABILITY:

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

Account Description	Amount
Proposition 84, Drought Relief Grant Request for Construction	\$1,195,048
<i>Amount to be reimbursed from Grant (75%)</i>	<i>\$873,298</i>
<i>CVWD Costs (12.5%)</i>	<i>\$160,875</i>
<i>GWP Cost (12.5%)</i>	<i>\$160,875</i>
Engineering Services	<\$108,330>
Pipeline Construction	<\$363,990>
Quote for Previous Procurements	<\$264,024>
Building & Facilities Construction	<\$343,925>
Unforeseen or additional work	<\$34,300>
Construction Inspection Services	<\$69,380>
Total Estimated Cost for Design & Construction	<\$1,183,949>
Amount Remaining for Well 16 Project	\$11,099

Prepared by:



David S. Gould, P.E.
District Engineer

Submitted by:

Thomas Love, P.E.
General Manager

Attachments:

1. Request for Proposal
2. Proposal from Cannon dated September 29, 2015

g:\management\board meeting staff reports\2015\10-06-15 board memo - e-940 well 16 inspection ac.docx



REQUEST FOR PROPOSAL

QUALITY CONTROL INSPECTION SERVICES FOR CONSTRUCTION OF WELL 16 FACILITIES AT 2740 HERMOSA AVE, PROJECT E-931

PROPOSAL DUE DATE: September 30, 2015

INTRODUCTION

The Well 16 Project is a joint project between Crescenta Valley Water District (CVWD) and Glendale Water & Power (GWP) to activate a groundwater well which was constructed by GWP but was previously considered unusable due to nitrate contamination. The project will connect the existing GWP well to CVWD's Glenwood Nitrate Water Treatment Plant, using an ion-exchange process for nitrate removal by installing a 400 gpm pump, onsite piping, a small building, electrical and telemetry system, drain line for waste, and on-site improvements. By partnering to construct this connection, both CVWD and GWP will share in an additional 484 acre feet per year (AFY) of local groundwater supply that can now be pumped from the Verdugo Groundwater Basin to meet potable demands.

PROJECT OBJECTIVE

The District requests the services of a consulting firm to provide quality control inspection services in connection with construction of the Well 16 facilities that will include installation of underground and above ground piping, grading, overexcavation, installation of concrete building pad, installation of pump and assembly, installation of a pre-fabricated building. Installation of a new MCC, connection to the SCADA system, new Glendale Water and Power electrical transformer, landscaping and irrigation and project start up for the Well 16 project.

1. Construction Services

- A. Provide field reports to the District's Project Manager on a weekly basis.
- B. Provide on-site field inspection and quality control for all construction activities including project start up in accordance with the Contract Documents.
- C. Observe all deliveries of MCC, switchboard, pump and motor assembly, pre-fabricated building, and other project materials for conformance to contract documents and shop drawings.
- D. Provide input and recommendations regarding the contractor's construction schedule.
- E. Assist District in processing monthly progress pay estimates including review of contractor's work progress with the District's project manager.
- F. Provide guidance and recommendations to the District with respect to the contractor's general conformance to Contract Documents.
- G. Coordination with Glendale Water and Power (GWP) connection to the new GWP meter and other upgrade necessary for the project.
- H. Coordination with City of Glendale for all permits and inspection.
- I. Coordinate construction administration and project schedule with District Personnel.

2. Project Close-out

- A. Observe and coordinate that all testing for the new facility has been successfully completed and is satisfactory.
- B. Prepare final punch list of deficiencies relative to the project.
- C. Observe contractor's successful completion of all work required by the final punch list.
- D. Obtain from the contractor any written documents required by the Contract Documents for project close-out relative to the MCC replacement and related facilities.
- E. Deliver all project records to the District including daily logs and photographs.

PROPOSAL REQUIREMENTS:

1. Scope of Work

The proposal shall include a detailed list itemizing the tasks required to complete a scope of work addressing all project criteria outlined above. Each task shall include a detailed estimate of man-hours required to complete each task.

2. Construction Schedule

The construction schedule for inspection of the project will start on October 7, 2015 and the project should be completed by December 16, 2015. CVWD staff will be providing inspection services from September 14, 2015 to October 6, 2015.

3. Proposal Fee Schedule

The proposal shall include a "Fee Schedule" outlining all applicable hourly rates and costs for the inspection services. The proposal shall provide a breakdown of fees associated with the project task as specified above. The proposal shall also include a "not-to exceed" total fee, which shall include all work necessary to complete the project objective.

4. Consultant's Representative

The proposal shall name a responsible representative, an alternate, and all sub-consultants to perform the assigned tasks. The chosen Consultant's representative will remain in responsible charge of all duties from contract negotiations through project completion. If the primary representative is unable to continue with the project, then the alternate representative will become the primary representative.

The District must approve any other changes in responsible representative, in advance. The District will have the right to reject other proposed changes in personnel, and may consider any other changes in responsible personnel a breach of contract.

ADDITIONAL INFORMATION

1. Professional Service Agreement

The Consultant shall be responsible for completing the specified services in accordance with the District's standard "Professional Services Agreement," which will be prepared by the District. Services specified in this agreement shall be taken directly from the Consultant's accepted proposal and from this "Request for Proposal", if applicable.

2. Insurance Requirements

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

3. District Reimbursements

The District normally reimburses consultants for the actual cost (plus 15%) for all outside expenses, including those for material costs authorized in advance by the District. Other reasonable expenses will be reimbursed where such costs have been advanced by Consultant and approved by the District.

The Consultant shall not be compensated for use of computers, office equipment, hardware, or software materials. Said costs are non-compensable. Time expended by Consultant's personnel on such equipment shall be paid on an hourly rate based on the Consultant's fee schedule.

PROPOSAL DUE DATE

One (1) copy of the quote should be submitted as a PDF file and emailed to David Gould at dgould@cvwd.com before 12:00 p.m. Wednesday, September 30, 2015, and originals sent via U.S. Mail to the Crescenta Valley Water District at 2700 Foothill Boulevard, La Crescenta, California 91214, Attention: David Gould.

\\cvfsxx\data\engineering\e-jobs open\e-940 - rockhaven well (well 16)\building construction\e-940 well 16 inspection rfp.docx



September 29, 2015

David S. Gould, PE, District Engineer
Crescenta Valley Water District
2700 Foothill Boulevard
La Crescenta, CA 91214

**PROJECT: PROFESSIONAL ENGINEERING SERVICES FOR QUALITY CONTROL INSPECTION
SERVICES FOR CONSTRUCTION OF WELL NO. 16 FACILITIES, PROJECT E-941**

Dear Mr. Gould:

We are excited to continue working with you on this project to provide quality control observation services for the installation of the well and site improvements at the Well No. 16 Plant Site, located in the City of Glendale (Project E-940). The project generally consists of equipping the well, installing a new power service and motor control center (MCC), well discharge line, waste discharge line, and constructing new site improvements including a driveway, fencing, and gate.

As project manager I will oversee the inspection services for this project along with our resident engineer, Mr. Patrick Riddell, and our construction inspector, Mr. Jordan Kehoe. Cannon's extensive history managing project construction efforts will provide the reassurance that your project is completed as designed, change orders are handled promptly and appropriately, coordination between the District, Contractor, and permitting agencies occurs, and that the inspection services contract is well-managed. Mr. Riddell's 15 years of experience working at Cannon has made him intimately familiar with the construction of complex facilities such as Well No. 16.

Mr. Kehoe's experience as a project inspector for the construction of numerous water resource and energy projects makes him a valuable asset to your project. With his broad range of engineering experience and exemplary communication skills, Jordan brings the necessary know-how to be successful as the District's on-site representative on a day to day basis.

Cannon is currently working on your project and can continue to work with you through its completion, which is expected in December 2015. Our assigned inspector is committed to completing this water facility project and will not be changed mid-project.

Cannon has in place the insurance coverage required by the District including Workers' Comprehensive and Employer's Liability, Comprehensive Commercial Liability, and Errors and Omissions. Cannon has no issues with the District's Agreement for Engineering Services or Reimbursement requirements and we are ready to start the work immediately upon your authorization

Thank you,

Gary D. Roepke, P.E.
Sr. Principal Engineer
C 48693

11900 West Olympic Blvd., Suite 530
Los Angeles, CA 90064
T 310.664.1166
F 310.664.8877

CannonCorp.us



SCOPE OF WORK

We have evaluated the District's Request for Proposal, reviewed the project plans, specifications, and special provisions, and developed a detailed understanding of the overall goals and timing of the project. Based on this research, we developed the following work program to meet the two main project objectives of this effort.

Task 1. Construction Services

Cannon will provide the following services for the Well No. 16 under this task:

- Provide field reports to the District's Project Manager on a weekly basis.
- Provide on-site field observation and quality control for construction activities including project startup in accordance with the Contract Documents (CD's).
- Observe deliveries of MCC, switchboard, pump and motor assembly, pre-fabricated building, and other project materials for conformance to CD's and approved shop drawings.
- Provide input and recommendations regarding contractor's construction schedule.
- Assist District in processing monthly progress pay estimates including review of contractor's work progress with the District's project manager.
- Provide guidance and recommendations to the District with respect to the contractor's general conformance to CD's.
- Coordination with Glendale Water and Power (GWP) connection to the new GWP meter and other upgrades necessary for the project.
- Coordination with City of Glendale for all permits and inspection.
- Coordinate construction administration and project schedule with District Personnel.

Task 2. Project Close-out

Cannon will provide the following services for the Well No. 16 project under this task:

- Observe and coordinate testing for the new facility until successfully and satisfactorily completed.
- Prepare final punch list of deficiencies relative to the project.
- Observe contractor's successful and satisfactory completion of work required on the final punch list.
- Obtain from the contractor written documents required by the CD's for project close-out relative to the MCC replacement and related facilities.
- Deliver project records to the District including daily logs and photographs.

SCHEDULE

Cannon understands that construction will take approximately three full months to complete including the process of submittals and material delivery. According to the most current schedule, the work is expected to be completed about the middle of December 2015. As stated in the RFP, the District's inspector will be covering the project from the beginning through October 6, 2015 after which we will be on-site. The estimated total cost to provide full-time field observation and project oversight, as described above, at prevailing wage rates is \$69,380 as shown in the attached staffing plan and cost estimate table.

Please note that the estimated total cost mentioned above is based on the current construction schedule. If the contractor is able to complete the work in less time, Cannon will bill less, and if the contractor requires additional time to complete the project, Cannon will submit an additional service agreement (ASA) to the District's Project Manager for approval prior to charging more time to the project.

Cannon
11900 West Olympic Blvd., Suite 530
Los Angeles, CA 90064
310-664-1166

Phase	Role	Name	Rate	2015												Est. Hours	Estimated Cost	
				Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
Construction																		
	Project Manager	Gary Roepke, P.E.	\$180											16	12	12	40	\$7,200
	Resident Engineer	Pat Riddell, P.E.	\$155											16	8	8	32	\$4,960
	Inspector	Jordan Kehoe, E.I.T.	\$120											144	152	96	392	\$47,040
	Project Coordinator	Sandy Hodge	\$70											12	12	12	36	\$2,520
Post-Construction																		
	Project Manager	Gary Roepke, P.E.	\$180													8	8	\$1,440
	Resident Engineer	Pat Riddell, P.E.	\$155													8	8	\$1,240
	Inspector	Jordan Kehoe, E.I.T.	\$120													16	16	\$1,920
	Project Coordinator	Sandy Hodge	\$70													8	8	\$560
																	0	
Total Estimated Hours														188	184	168	540	
Total Estimated Cost of Labor																	\$66,880	
Direct Expenses																		
	Description	Basis															Estimated Cost	
	Reimbursables	Mileage															\$2,500	
			Total Estimated Direct Expenses														\$2,500	
Total Estimated Cost of CM Services																		\$69,380

SEP 30 2015

CRESCENTA VALLEY
WATER DISTRICT

CVWD Board of Directors

Issue: Cost Structure

September 26, 2015

My current bill illustrates the futility of being a serious water conservationist. I am paying \$13.83 for water and nearly \$100 for the privilege of taking a shower and flushing the toilet.

In the previous bill I paid \$6.00 for water and, again, nearly \$100 for the privilege of taking a shower and flushing the toilet.

Doing the math, there is no intelligent return on investment of installing a low-flush toilet, new faucets, and **most certainly** not a rain barrel. You have heavily loaded the service charge and sell the actual water at prices that are unrealistically low, creating a "shortage". With the current price per gallon there is little to no incentive to improve **home** infrastructure. You need to restructure your tier pricing.

Your propaganda highlights the cost of paying for "infrastructure", which I guess means the Rockhaven well, additional capacity that is probably unnecessary for serious people. Yet anyone seriously conserving water is given no incentive to do so with your price mechanism (something that would be automatically communicated in a free market). Your pricing also includes contracted water from MWD, which would probably be unnecessary for the serious people.

What is obvious is the high overhead of CVWD, with your \$70,000 administrative assistant being an example. If residents continue to conserve, using even less water, these payroll costs will become even more conspicuous.

Most businesses experiencing a major loss in sales will lay off staff, fire the least productive, and cut wages. How many have you fired and laid off? Is your staff now paying for their own health insurance and retirement? It is time to not only get serious, it is time to get businesslike and stop hiding behind a nonprofit status.

You need to do two things, restructure pricing and lower your overhead, and now is the time to quit playing engineers and start playing hardball business. Stop being Greece and start being Germany.

Jim Conley
012385-000



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

ACCOUNT NUMBER

012385-000

SERVICE ADDRESS

2608 WILLOWHAVEN

DUE DATE

10/08/15

BILLING PERIOD

07/01/15 to 08/31/15

TOTAL CHARGES

\$112.52

AMOUNT ENCLOSED

\$

AUTOMIXED AADC 750 8 MAAD 93416RA10-A-1
1802 1 MB 0.436



FRANCIS J CONLEY
C/O JAMES E CONLEY
1745 WEST 134TH STREET
GARDENA CA 90249-2015

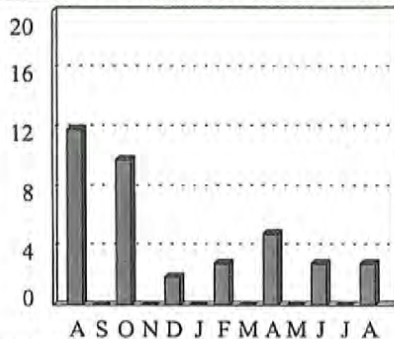
CRESCENTA VALLEY WATER DISTRICT
2700 FOOTHILL BLVD
LA CRESCENTA CA 91214-3590



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

STATEMENT OF ACCOUNT

ACCOUNT NUMBER	SERVICE ADDRESS	BILL DATE	DUE DATE	BILLING PERIOD	
012385-000	2608 WILLOWHAVEN	08/31/15	10/08/15	07/01/15 to 08/31/15	
METER NUMBER	COMMENTS	PRIOR READ	CURRENT READ	USAGE (IN 1,000 GAL)	USAGE LAST YEAR
77929734		1	4	3	12

WATER USAGE in THOUSAND GALLONS

Current
Usage

SUMMARY OF CHARGES

Previous Balance	\$109.71
Payment on 08/06/2015	\$(109.71)
Water Charges	
Tier 1 - 3 x \$4.61 (Basic Usage 0-10 Units)	\$13.83
Tier 2 - 0 x \$5.96 (Average Usage 11-25 Units)	\$0.00
Tier 3 - 0 x \$8.50 (High Usage 26-37 Units)	\$0.00
Tier 4 - 0 x \$11.39 (Excessive Usage 38 +)	\$0.00
Low Usage Rebate \$0.10/unit (10 units or less)	\$(0.30)
Fixed Service Charge	\$38.24
Sewer Charge	\$67.50
Sewer Discount	\$(6.75)
TOTAL DUE	\$112.52

**TOTAL AMOUNT DUE WILL BE DEDUCTED FROM YOUR BANK
ACCOUNT ON 10/08/2015.**

Due to the severity of the drought and mandatory water reductions from the State, the District is currently in Orange Alert. Outdoor watering is permitted only on Tuesday and Saturday before 9:00 a.m. and after 5:00 p.m. Hosing down any hardscape areas is prohibited. No watering or irrigating on days when the wind is blowing hard enough to cause overspray or during and 48 hours after a rain event. Residents can report waste of water on the District's website www.cvwd.com.



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

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

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

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

CVWD0717150485101

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

INVESTMENT TYPE	ACCT/CUSIP I.D. NO.	PURCHASE DATE	*FACE VALUE	INVESTMENT COST	% OF TOTAL	**MARKET VALUE	MATURITY DATE	DATE CALLABLE	EARNED TO DATE	YIELD TO MATURITY
GENERAL FUNDS										
GENERAL FUND-SWEEP ACCOUNT	0631-525246		\$ 33,790	\$ 33,790	0.20%	\$ 33,790	none	n/a	\$ 11	0.02%
GREAT PACIFIC SECURITIES	GPC-804452		\$ 1,774,372	\$ 1,774,372	10.34%	\$ 1,774,372	none	n/a	\$ 8	0.02%
BOND DEBT SERVICE FUND	6948-331525		\$ 254,483	\$ 254,483	1.48%	\$ 254,483	none	n/a	\$ 16	0.06%
LOCAL AGENCY INVESTMENT FUND	90-19-007		\$ 1,248,885	\$ 1,248,885	7.27%	\$ 1,248,885	none	n/a	\$ 1,000	0.28% Mar 2015
TRANSFER FROM MTBE RESERVE			\$ 2,000,000	\$ 2,000,000	11.65%	\$ 2,000,000				
FEDERAL FARM CREDIT (78)	3133EASN1	7/17/2012	\$ 500,000	\$ 500,000	2.91%	\$ 499,460	7/24/2020	10/24/2012	\$ 1,563	1.84%
FEDERAL FARM CREDIT (81)	3133EAYP7	9/11/2012	\$ 1,000,000	\$ 1,005,220	5.86%	\$ 975,290	7/19/2022	n/a	\$ 3,312	1.95%
FEDERAL FARM CREDIT (83)	3133EAY28	10/9/2012	\$ 500,000	\$ 502,885	2.93%	\$ 499,510	9/21/2017	n/a	\$ 705	0.71%
FEDERAL FARM CREDIT (86)	3133EC4L5	11/15/2012	\$ 1,000,000	\$ 1,002,300	5.84%	\$ 981,350	11/23/2021	n/a	\$ 2,735	1.58%
FEDERAL FARM CREDIT (87)	3133EC4Y7	11/19/2012	\$ 500,000	\$ 500,000	2.91%	\$ 499,700	11/27/2017	n/a	\$ 790	0.93%
FEDERAL FARM CREDIT (96)	3133EENM8	2/2/2015	\$ 1,000,000	\$ 1,001,790	5.84%	\$ 960,666	2/6/2025	n/a	\$ 3,669	2.14%
FEDERAL FARM CREDIT (97)	3133EENM8	2/9/2015	\$ 1,270,000	\$ 1,245,289	7.25%	\$ 1,222,665	2/6/2025	n/a	\$ 4,660	2.38%
			\$ 11,081,531	\$ 11,069,015		\$ 10,950,172			\$ 18,469	
Yield on investments including LAIF but not cash accounts										1.48%
Yield on investments not including LAIF or cash accounts										1.65%
CONSTRUCTION FUNDS										
COPS RESERVE FUND	108614000		\$ 617,077	\$ 617,077	3.59%	\$ 617,367	none	n/a	\$ 20	0.02%
			\$ 617,077	\$ 617,077		\$ 617,367			\$ 20	
MTBE CONTINGENCY FUNDS										
LOCAL AGENCY INVESTMENT FUND	90-19-007		\$ 826,489	\$ 826,489	4.81%	\$ 826,489	none	n/a	\$ -	0.28% Mar 2015
GREAT PACIFIC SECURITIES	GPC-003670		\$ 1,778,757	\$ 1,778,757	10.36%	\$ 1,778,757	none	n/a	\$ -	0.02%
TRANSFER TO WATER RESERVE			\$ (2,000,000)	\$ (2,000,000)	-11.65%	\$ (2,000,000)				
FEDERAL FARM CREDIT (M-35)	3133EDWX6	2/3/2015	\$ 800,000	\$ 849,960	4.95%	\$ 821,016	10/7/2024	n/a	\$ 4,943	2.19%
US TREASURY (M-36)	912828J27	2/6/2015	\$ 1,000,000	\$ 1,011,800	5.89%	\$ 982,490	2/15/2025	n/a	\$ 3,397	2.00%
FEDERAL FARM CREDIT (M-38A)	3133EERP1	4/22/2015	\$ 1,000,000	\$ 996,470	5.80%	\$ 982,780	4/1/2025	n/a	\$ 4,026	2.41%
FEDERAL FARM CREDIT (M-38B)	3133EERP1	4/23/2015	\$ 1,000,000	\$ 999,110	5.82%	\$ 982,780	4/1/2025	n/a	\$ 4,026	2.38%
US TREASURY (M-39A) SOLD	912828K58	4/27/2015	\$ -	\$ -	0.00%	\$ -	4/30/2020	n/a	\$ 2,336	1.38%
US TREASURY (M-40)	912828J27	4/27/2015	\$ 1,000,000	\$ 1,008,892	5.88%	\$ 982,490	2/15/2025	n/a	\$ 3,397	1.90%
			\$ 5,405,246	\$ 5,471,478		\$ 5,356,802			\$ 22,125	
TOTAL INVESTMENTS			\$ 17,103,855	\$ 17,157,570		\$ 16,924,342			\$ 40,614	
CASH- PAYROLL ACCOUNT	0948-024724		\$ 9,662	\$ 9,662	0.06%	\$ 9,662				
TOTAL CASH AND INVESTMENTS			\$ 17,113,517	\$ 17,167,233	100%	\$ 16,934,004			\$ 40,614	1.22%
						\$ (233,519)	***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.

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

Water	\$11,713,566.65
Wastewater	\$ 5,453,739.16
Total Funds	\$17,167,305.81

Ron L. Mitchell, Secretary-Treasurer, CVWD

Date

CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS - STAFF REPORT

October 6, 2015

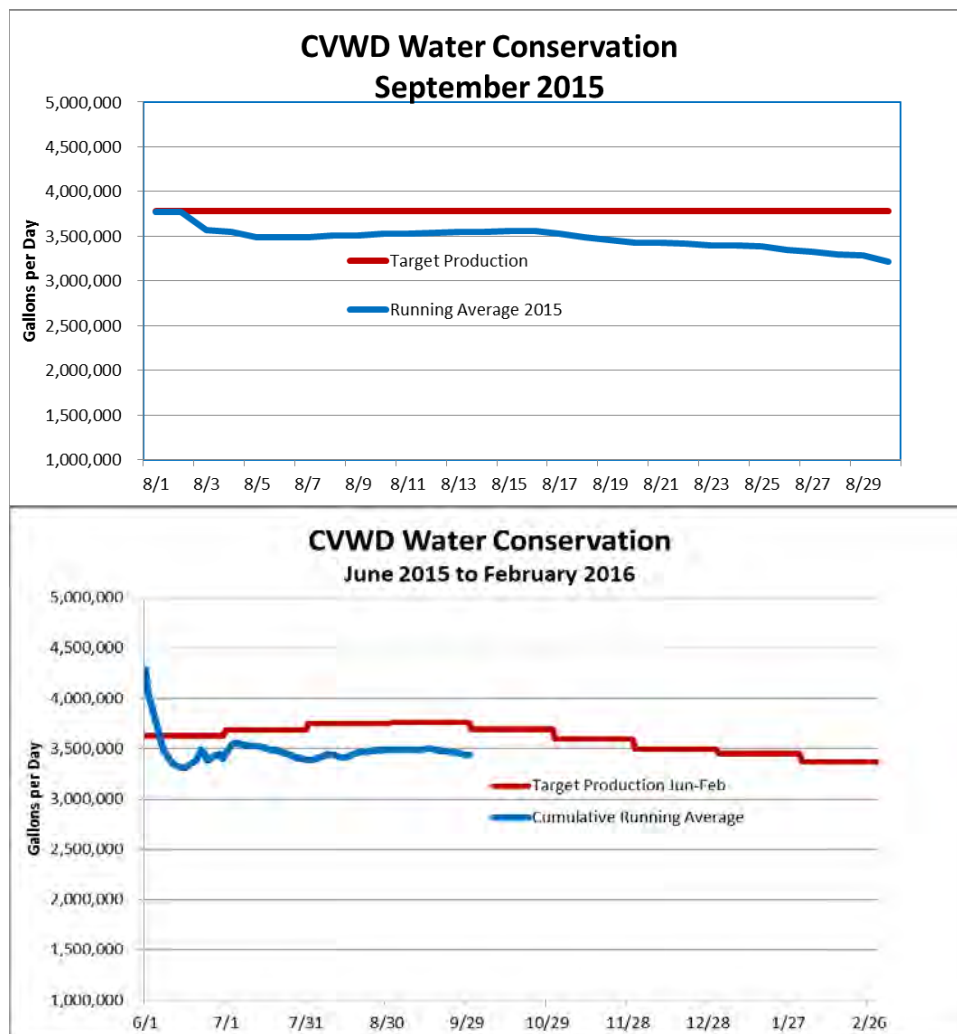
Staff Report

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

Water Conservation

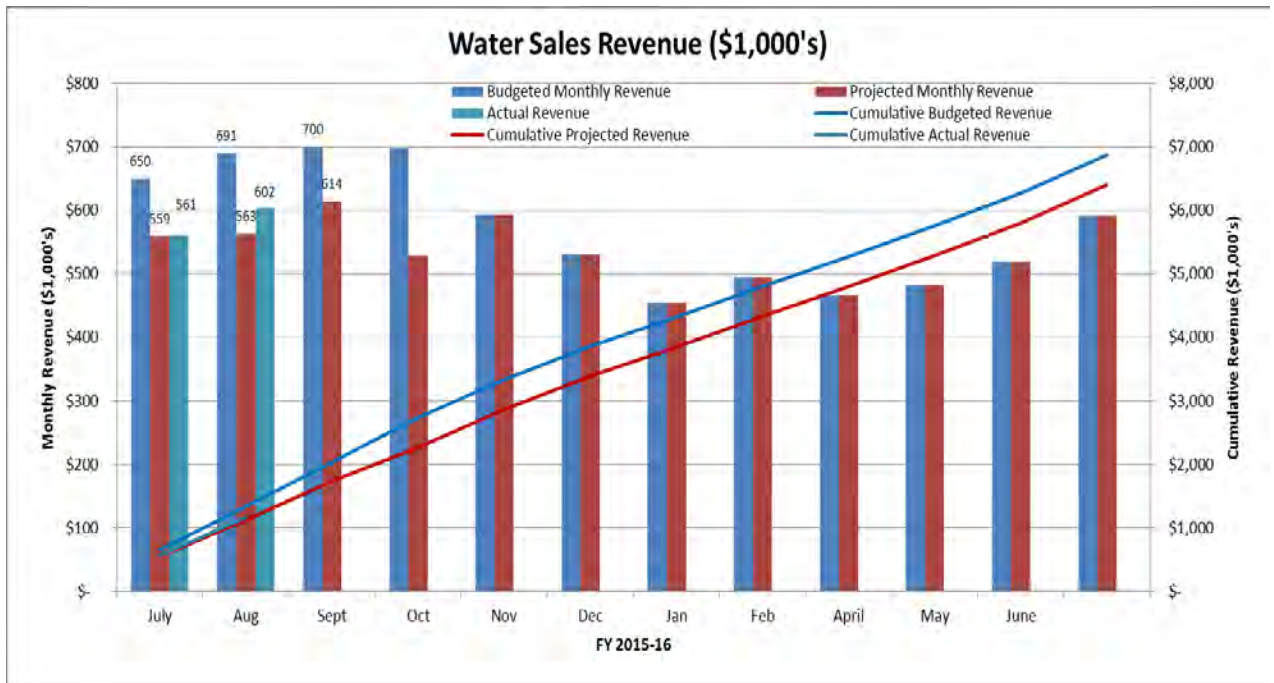
The Crescenta Valley community continues to exceed the State mandated water conservation goal of 24%. The State Water Resources Control Board has issued clarification on compliance and enforcement. Compliance will be determined on a cumulative basis not month by month.

September water production was 3.22 million gallons per day (MGD) compared with 4.98 MGD in 2013 representing a 35% reduction in water use. Cumulative water consumption June to September was 3.44 MGD compared with the conservation target of 3.76 MGD.



Budget Impacts

Revenue impacts resulting from the increased water conservation are being monitored closely. The following chart shows budgeted, projected and actual water sales revenue. As expected water sales revenue is less than budgeted. Actual water sales revenue for July through August is \$178,000 less than budgeted; this is partially offset by an estimated reduction of power and purchased water expense of \$130,000. Staff has identified an additional \$175,000 of operational expense reductions. A detailed summary of projected revenue impacts and expense reduction measures will be provided when the first quarter financial report is available.



Staffing

This month there is one anniversary: Jim Halaszynski has been with the District for 18 years.

As of October 1st, the district has worked 479 days without a lost time accident. On September 23rd one employee returned to work from extended medical leave. At the present time one employee is on extended medical leave, with an expected to return to work within 2 months.

September General Manager Meetings:

September 2 nd	Governors Drought Task Force (Huntington Library)
September 3 rd	CVWD Safety Lunch
September 13-15	WaterReuse Conference
September 16 th	FMWD Finance Committee
September 17 th	La Crescenta Town Council
September 18 th	ACWA Region 9 Drought Workshop
September 19 th	Pancake Breakfast
September 24 th	FMWD Managers Meeting
September 28 th	FMWD Board Meeting
September 30 th	PWAG

CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS - STAFF REPORT

October 6, 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

1. **Water Production Report**

- Sept 1 – 30 – Water Production – 49%/ 51% split – 96.6 MG for the time period.
Average use – 26.2% less than 2014 and 33.0% less than 5-yr average
SWRCB Conservation – 30.6% less than June 2013 – Feb 2014 period

2. **Rainfall Update**

- 2.00" for September 2015
- Rainfall total for Rainfall Year 2014/15 – 14.28"

3. **Report on Engineering**

- **CIP Projects**

- o Ocean View Chlorination Project
 - Building
 - Mobilization – Early November 2015
 - Treatment Equipment – Shop Drawing Review
 - Electrical Work – Finalizing design
 - Site Work for CVWD crews – Scheduled for late October 2015
- o Pipeline Projects – Under Design
 - 2600 Block of Harmony Pl, 2700 Block of Brookhill, 3900 Block of Park Pl
 - 2800 Block of Prospect & 4400 Block of Glenwood
- o Well 16 – Pipeline & Building
 - Building & Facilities
 - Under Construction
- o Pickens Canyon Slope Repair
 - Staff met with property owners
 - Working on Access Agreements
 - Erosion Control Plan
 - Construction Documents - Complete
 - Advertise for Bid - October 5, 2015
 - Bid Opening - October 21, 2015
 - Start Construction – November 9, 2015
 - AMEC – Inspection Services

- **Water and Wastewater Cost of Service Study**

- o Kickoff meeting – October 7, 2015

- **Crescenta Valley County Park Stormwater Recharge Facility Study**

- Preliminary Report – 45% complete

- **Nitrate Removal Treatment Facility at Well 2 Project**

- Grant Application - Preliminary approval – November 2015

- **ULARA**
 - Administrative Committee Meeting – October 21, 2015
- **La Canada Flintridge – Water Committee**
 - No Report
- **Water Meter Replacement Program**
 - FY 15/16 water meter replacement program – Replaced 97 meters to date

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

- **Wells - Status**
 - Well production capacity was averaging 2.0 MGD for September
- **FMWD – Shutdown:**
 - October 7 to October 8, 2015 to repair a broke valve.

5. **Field Maintenance & Operations – Sept 11 – 30, 2015**

- **Water lateral leaks & repairs**
 - 2336 Henrietta
 - 5112 Pennsylvania
 - 2565 Evelyn
 - 3106 Harmony
 - 3126 Orange
 - 2951 Fairmount
 - 2535 Community
 - 2950 Mayfield
 - 4909 Caminito Ln
 - 2737 Alabama
 - 4405 Ramsdell
- **Water Main Leaks**
 - Ramsdell & Mayfield Ave
- **Sewer Maintenance**
 - 2500 block of Piedmont Hermosa, Manhattan & Del Mar
 - 3900 – 4000 blocks of Rosemont
 - 3900 – 4000 blocks of Sunset
 - 2300 – 2400 blocks of Montrose (north and south sides)
 - 2400 block of Florencita,

CRESCENTA VALLEY WATER DISTRICT

WATER PRODUCTION REPORT

September 1 - September 30 2015

Well Production:	45,772,600	Gals		
Gravity Production:	1,518,500	Gals	% GW	49%
Purchased Water:				
FMWD:	49,267,500	Gals		
City of Glendale:	0	Gals	% Import	51%
TOTAL:	96,558,600	Gals		
	296.33	ac-ft		
Glenwood Nitrate Water				
Reclamation Plant:*	3,111,595	*Included in Well Production		

WATER DEMAND COMPARISON

	Average Daily Usage (gals)	Current Period Change	Average Daily Usage (gals)	Percentage Change
September 1, 2015 - September 30, 2015	3,290,865			
September 1, 2014 - September 30, 2014	4,458,312	-26.2%		
5-yr Average - September 2010 - 2014	4,910,410	-33.0%		
SWRCB CONSERVATION REGULATIONS			3,439,131	
June 1, 2015 through Feb 29, 2016				
BASELINE CONSERVATION			4,958,051	-30.6%
June 1, 2013 through Feb 28, 2014				

RAINFALL: September 1 - September 30, 2015

2.00"

Season-To-Date:

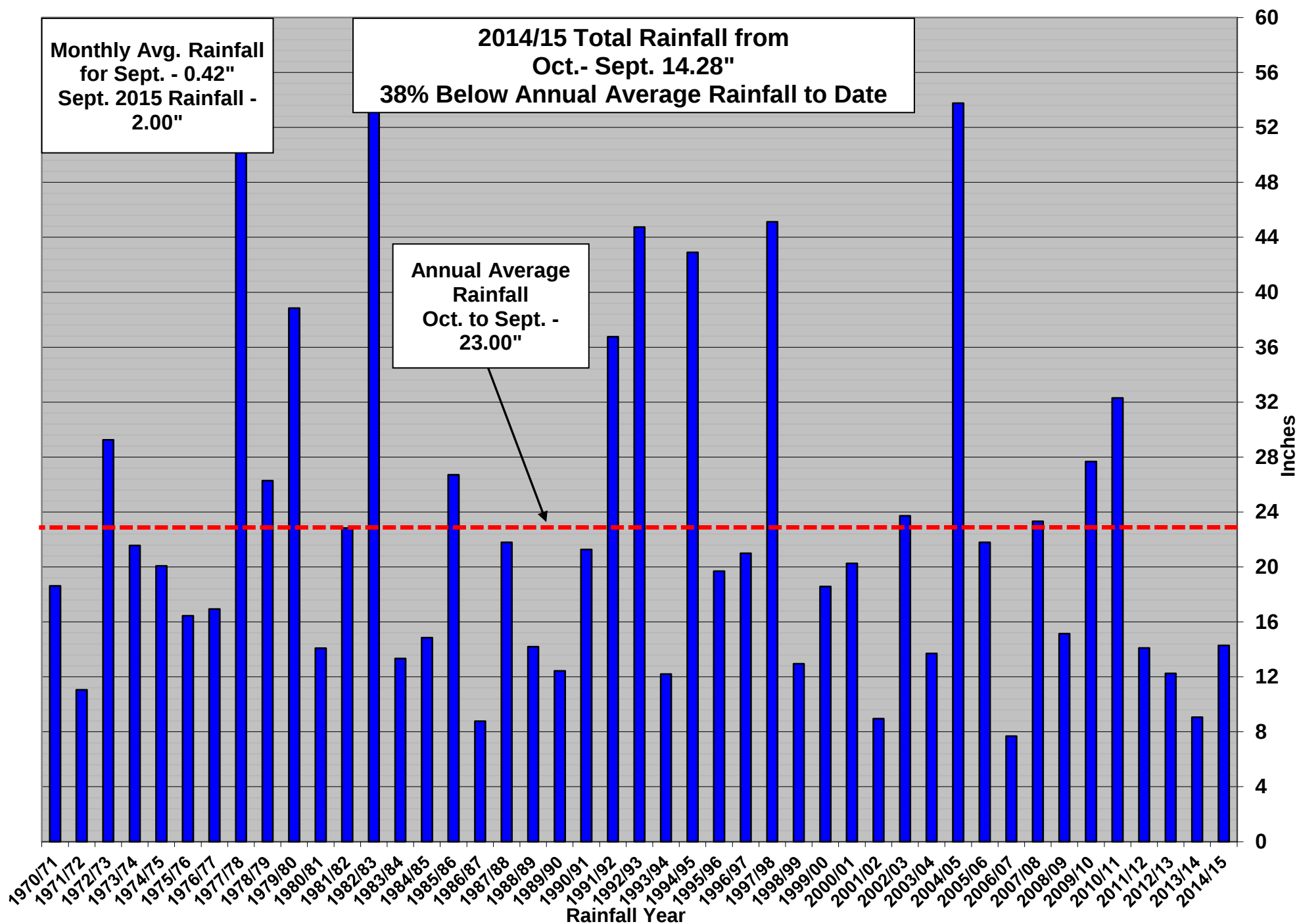
14.28"

2015/16 Fiscal Year Water Production			Groundwater Production Water Rights		Purchased Water Production Tier 2 Allocation		FMWD 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	315	380	October	212	January	127	July	161
August	344	360	November	191	February	119	August	176
September	296	345	December	159	March	150	September	151
October		315	January	175	April	138	October	110
November		265	February	147	May	136	November	60
December		265	March	189	June	154	December	60
January		265	April	184	July	161	January	60
February		265	May	152	August	176	February	60
March		310	June	159	September	151	March	65
April		335	July	154	October		April	80
May		365	August	168	November		May	100
June		375	September	145	December		June	110
Total to Date	955	1,085	Total to Date	2,035	Total to Date	1,313	Total to Date	1,193
Projected	3,764	3,845	Water Rights	3,294	Tier 2	2,154	WSAP	2,009
% of Projected	24.8%	28.2%	% of Rights	62%	% of Allocation	61%	% of Allocation	59%
Remaining	2,890	2,760	Remaining	1,259	Remaining	841	Remaining	816

NOTE:

1) Blue Numbers - Estimate Total Water Production

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



CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS - STAFF REPORT

October 06, 2015
Staff Report

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

Monitoring Report Submitted to State for September 2015:

Production Numbers *

➤ Total Water Production September 2015:	296 AF
➤ Total Water Production September 2013:	458 AF
➤ Percent Reduction:	35 %
➤ Residential Gallons per Capita per Day (R-GPCD) September 2015:	89

Compliance Reporting

➤ Days of outdoor Irrigation Allowed:	2
➤ Number of Water Waste Complaints:	36
➤ Number of Follow-ups:	36
➤ Number of Warnings:	36
➤ Number of Penalties:	0

Mandatory Water Reduction Goal

➤ Compliance Period:	June 2015 – February 2016
➤ Compliance Goal	380 AF
➤ Acre Feet Saved for September	162 AF
➤ Acre Feet Saved to Date	584 AF
➤ Acre Feet Saved Beyond Required Target	204 AF

Turf Rebates:

➤ Pending Applications:	73
➤ CVWD Funds Remaining:	\$0
➤ Funds Submitted to MWD July 2014 to date:	\$592,250.00
➤ MWD Funds Received July 2015 to date:	\$495,690.00
➤ MWD outstanding:	\$96,560.00
➤ Square footage of turf removed:	296,125

An audit of the turf rebate customers was conducted on September 15th - 17th. From the audit, ten customers cancelled their application which is approximately 13,800 square feet and \$27,600 that was unencumbered through the MWD rebate program. The 73 remaining applicants stated that they would be completed by the November 20th deadline.

Urban Water Management Plan (UWMP):

The 2015 UWMP will be due to the Department of Water Resources July 1, 2016.

Following the interviews with the consultants, FMWD has selected SA and Associates for the contract. All of the participating member agencies were in agreement with the selection. As you recall, SA and Associates' bid was \$8,000.00 less than the District's budgeted amount. Coordination for the completion of the UWMP will begin next month.

Upcoming Events:

Saturday, October 24, 2015: Smart Gardening Workshop, CVWD Glenwood Operations Facility 9:30 a.m. – 11:00 a.m.

Regulatory Updates:

On Sunday, September 20, 2015 there was a level transducer failure at the Glenwood Forebay. The failure resulted in a low water level in the Forebay. This resulted in air being introduced into the distribution system in zones 1 and 2 through the booster pumps. There were a total of 10 customer phone calls related to this incident. Nearly all the customers described the water as white or milky in appearance. Staff explained that it was simply air in the lines and explained to customers how to correct the problem. Staff worked to bleed the air from the distribution system in Zones 1 and 2. At no time was water quality or availability impacted.

Notice of Violation

On September 24th, 2015 a notice of violation form the Glendale Fire Department, Environmental Management Center was received at the Glenwood Treatment Plant (Document Available). The Hazardous material reporting violation was for failure to submit the required information for the hazardous material permit (CUPA Permit) into the California Environmental Reporting System (CERS).

The notice of Violation was delivered to me on Monday, September 28th, 2015. I immediately contacted the Environmental Management Center. I was informed that the appropriate staff was not available to assist me until Tuesday, September 29, 2015. On Tuesday, the inspector from the Environmental Management Center responded and reported that the appropriate paperwork for the permit associated with the above Ground Diesel Tank installed in late 2011 was not filled. A letter of request for the information was mailed to the plant address in October of 2014. (Document). The letter was not responded to by plant personnel and was not forwarded to the main office.

An inspection from the Glendale Fire Department, Environmental Management Center in Late July 2015 resulted in notice from the inspector to complete the online submittal process and required information (Document Available)

An online account was set-up by Plant Personnel; however, the required information was not completed. Notice that the required information was still incomplete was sent out electronically via email on August 27, 2014, seen below.

*Facility Information Submittal for Crescenta Valley Water District (10521604) was **Not Accepted***

Additional Information/Comments Your Facility Information-Business Activities was not accepted because you have not submitted your Maintenance Records, Hazardous Materials Inventory, Site Map, Emergency Response/Contingency Plan and or Training Plans. Go to CERS website

<http://www.calepa.ca.gov/CUPA/Documents/eTemplates/Contingency.pdf> fill out the CERS template, save as a document on your computer and upload into CERS. If you have any questions please contact the Data Operations Unit at 323-890-4000.

Plant personnel states that they did not receive this notification. IT Staff is currently working to determine if this email was received by our system.

Currently I am working with the Glendale Fire Inspector to submit all the required documents to bring this permit back into compliance. Immediately, the account has been updated so that I am the primary contact. A request to change the mailing address has been submitted.

The Board will be kept up to date as to the status of this violation, and staff is working diligently to resolve this issue without fines and penalties

	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
54 reported											
August 2015 Totals	15	5	30	23	32	8	0	0	0	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
36 reported											
September 2015 Totals	15	1	22	16	24	3	0	0	0	2	0

CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS - STAFF REPORT

October 6th, 2015
Staff Report

To: Honorable President and Members of the Board of Directors
From: Mark E. Hass – District Technology Manager
Subject: Staff Report – Wastewater Diverter Communications S-953

Review of completed project S-953 Diverter Valve Communications Upgrade

Background and Purpose of Wastewater Capital Job S-953

The wastewater diverter valve is a large “Plug” valve located on the boundary of Los Angeles and Glendale at the termination of the Districts wastewater piping network. Typical use is in a position that routes the Districts sewer flow to the Glendale Treatment Plant under normal conditions. The diverter’s second position facilitates flow diversion to the Hyperion Treatment Plant in Los Angeles. The valve is used nightly during Nitrate treatment process during discharge of “Brine”. The Districts Nitrate treatment plant will pump the Brine mixture to sewer and the logic in the control systems request a change in flow path to send the Brine to Hyperion. Upon completion of this process the diverter valve is returned to the default position sending wastewater to Glendale for treatment.

Communications between the Glenwood plant and the local valve controls have historically travelled over a leased line from AT&T. Due to the age and nature of this technology, communications have degraded and required staff attention and additional time to keep remote controls and status available. Without stable communications an operator would need to be deployed twice during a cycle to manually actuate the valve located far outside the District. The treatment discharges typically happens after 10pm which is problematic and costly.

S-953 – Engineer and integrate a stable and cost effective replacement for the failing circuit

Due to the nature of the Districts PLCs and current telemetry systems options are narrow when trying to leverage newer technologies without realizing additional expenses to bridge the new solution and the older equipment. The budget for S-953 was \$20,000. Standard solutions with integration to our current equipment returned estimates averaging two times the assigned budget. Staff continued to look for methods of leveraging solid technology and finding a more reasonable integration cost. A technical issue with this asset being out of range of standard wireless solutions limited District maintained options such as the 900mhz SCADA system typically uses.

The final solution was provided by Wunderlich-Malec at a cost of \$8670 plus about \$2000 of District deliverables and labor.

After extensive testing and some modifications staff and Wunderlich-Malec have integrated a new PLC controlled solution that leverages SMS texting for controls and status communications of the wastewater diverter valve. Controls are very stable and reliable. We are also afforded additional options for notification outside the SCADA system as a redundancy for this site.

The legacy circuit is now offline and cancelled. The Districts expense going forward is half of the previous \$120 per month for this asset. The District also has realized a savings in man hours for operators and technical staff by deploying this modern equipment for this process.