

WEST VALLEY WATER DISTRICT
855 W. BASE LINE ROAD, RIALTO, CA 92376
PH: (909) 875-1804
WWW.WVWD.ORG

REGULAR BOARD MEETING
AGENDA

Thursday, June 4, 2026, 6:00 PM

BOARD OF DIRECTORS

Kelvin Moore, President
Angela Garcia, Vice President
Estevan Bennett, Director
Daniel Jenkins, Director
Gregory Young, Director

"In order to comply with legal requirements for posting of agendas, only those items filed with the Board Secretary's office by noon, on Wednesday a week prior to the following Thursday meeting, not requiring departmental investigation, will be considered by the Board of Directors."

Members of the public may attend the meeting in person at 855 W. Base Line Road, Rialto, CA 92376, or you may join the meeting using Zoom by clicking this link: <https://us02web.zoom.us/j/8402937790>. Public comment may be submitted via Zoom, by telephone by calling the following number and access code: Dial: (888) 475-4499, Access Code: 840-293-7790, or via email to administration@wvwd.org.

If you require additional assistance, please contact administration@wvwd.org.

CALL TO ORDER

ROLL CALL OF BOARD MEMBERS

APPROVAL OF ANY BOARD MEMBERS REQUESTS FOR REMOTE PARTICIPATION

PLEDGE OF ALLEGIANCE

OPENING PRAYER

CLOSED SESSION

1. CONFERENCE WITH LEGAL COUNSEL - NEGOTIATIONS WITH NON-REPRESENTED POSITION, BOARD SECRETARY PUBLIC EMPLOYMENT PURSANT TO GOVERNMENT CODE 54957(b)(1)
Title: Board Secretary

ADOPT AGENDA

PUBLIC PARTICIPATION

Any person wishing to speak to the Board of Directors on matters listed or not listed on the agenda, within its jurisdiction, is asked to complete a Speaker Card and submit it to the Board Secretary, if you are attending in person. For anyone joining on Zoom, please wait for the Board President's instruction to indicate that you would like to speak. Each speaker is limited to three (3) minutes. Under the State of California Brown Act, the Board of Directors is prohibited from discussing or taking action on any item not listed on the posted agenda. Comments related to noticed Public Hearing(s) and Business Matters will be heard during the occurrence of the item.

Public communication is the time for anyone to address the Board on any agenda item or anything under the jurisdiction of the District. Also, please remember that no disruptions from the crowd will be tolerated. If someone disrupts the meeting, they will be removed.

PRESENTATIONS

1. Water Resources Update
Presentation on Rialto Basin allocation, SWP water supplies and wholesale water from the City of San Bernardino via the encanto booster/Baseline Feeder

CONSENT CALENDAR

1. Minutes for the May 21, 2026, Regular Board Meeting **PG 5**
2. 2025 Water Quality Report **PG 13**
3. Ordinance No. 93 of the West Valley Water District Implementing California Assembly Bill 1572 Prohibiting the use of Potable Water for the Irrigation of Nonfunctional Turf **PG 47**
4. Quitclaim for an Overlying Easement on APN 0239-031-52 and 0239-031-56 for Tract 20407 East Sycamore **PG 57**
5. Water System Infrastructure Installation and Conveyance Agreement with Lennar Homes of California, LLC for Tract 20407 East Sycamore **PG 73**

BUSINESS MATTERS

Consideration Of:

1. West Valley Water District Welcome Packet Update **PG 107**
2. California State University, San Bernardino Institute for Watershed Resiliency (IWR) Watershed Fellowship Career Pathway Program - Sponsorship **PG 149**
3. Water Spreading Agreement with the San Bernardino County Flood Control District **PG 157**
4. Approval for Director attendance at Outside Meetings pursuant to Board of Directors Policies and Procedures Manual Section 18.2(b)(vii) **PG 203**

REPORTS - LIMITED TO 5 MINUTES MAXIMUM

1. Board Committee Reports
2. Board Members
3. General Manager
4. Legal Counsel
5. Public Outreach Government Affairs
6. Board Secretary

UPCOMING MEETINGS

June 8, 2026 - Finance Committee at 6:00 p.m.

June 10, 2026 - HR Committee at 6:00 p.m.

June 11, 2026 - Policy Committee at 6:00 p.m.

June 18, 2026 - Board of Directors Meeting at 6:00 p.m.

June 25, 2026 - Engineering, Operations and Planning Committee at 6:00 p.m.

June 29, 2026 - External Affairs Committee at 12:00 p.m.

UPCOMING COMMUNITY EVENTS

June 6, 2026 - 18th Annual Rialto Community Garden Open House, Rialto

June 19, 2026 - Juneteenth Jam - Rialto

UPCOMING EDUCATIONAL & TRAINING OPPORTUNITIES

June 13, 2026 - WELL SoCal Water Summit

June 22 - 24, 2026 - AWWA ACE26

July 17, 2026 - ACWA Region 9, Water Policy & Advocacy

August 19 - 21, 2026 - Urban Water Institute 2026 Annual Conference

August 24 - 27, 2026 - CSDA 2026 Annual Conference

ADJOURN

Please Note:

Material related to an item on this Agenda submitted to the Board after distribution of the agenda packet are available for public inspection in the District's office located at 855 W. Baseline, Rialto, during normal business hours. Also, such documents are available on the District's website at www.wvwd.org subject to staff's ability to post the documents before the meeting.

Pursuant to Government Code Section 54954.2(a), any request for a disability-related modification or accommodation, including auxiliary aids or services, in order to attend or participate in the above-agendized public meeting should be directed to the Acting Board Secretary, Kara Johnson, at least 72 hours in advance of the meeting to ensure availability of the requested service or accommodation. Ms. Johnson may be contacted by telephone at (909) 875-1804 ext. 703, or in writing at the West Valley Water District, P.O. Box 920, Rialto, CA 92377-0920.

DECLARATION OF POSTING:

I declare under penalty of perjury, that I am employed by the West Valley Water District and posted the foregoing Agenda at the District Offices on May 28, 2026.

Kara Johnson

Kara Johnson, Acting Board Secretary

Date Posted: May 28, 2026

REGULAR BOARD MEETING
of the
WEST VALLEY WATER DISTRICT
May 21, 2026

OPENING CEREMONIES

Call to Order – 6:01 p.m.
 Roll Call of Board Members

Attendee Name	Present	Absent	Arrived
Directors			
Kelvin Moore	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Angela Garcia	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Estevan Bennett	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Daniel Jenkins	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Gregory Young	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
General Counsel			
Henry Castillo	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Staff			
John Thiel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Linda Jadeski	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Jose Velasquez	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Joanne Chan	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Rocky Welborn	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Haydee Sainz	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Kara Johnson	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Socorro Pantaleon	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Robert Ramirez	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Elva Vizcaino	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Laine Carlson, Water Systems Consulting, Inc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Approval of Any Board Member Requests for Remote Participation – None.
 Pledge of Allegiance – The Pledge of Allegiance was led by Director Jenkins.
 Opening Prayer – The Invocation was offered by Pastor Vernall Townsend.

ADOPT AGENDA

Business Items #1 thru #3 moved before Closed Session due to time constraints. Business Item #6 pulled from the Agenda to be heard at a later date.

Motion to adopt the agenda as amended.

RESULT:	ADOPTED [3-0-2]
MOVER:	Daniel Jenkins
SECONDER:	Estevan Bennett
AYES:	Estevan Bennett, Daniel Jenkins, Gregory Young
ABSENT:	Kelvin Moore, Angela Garcia

CLOSED SESSION

1. CONFERENCE WITH LEGAL COUNSEL – NEGOTIATIONS WITH NON-REPRESENTED POSITION, BOARD SECRETARY
PUBLIC EMPLOYMENT PURSUANT TO GOVERNMENT CODE 54957(b)(1)
Title: Board Secretary

2. CONFERENCE WITH LABOR NEGOTIATORS –
Pursuant to Government Code Section 5495.6
Agency Designated Representatives: John Thiel, General Manager; Haydee Sainz, Human Resources Manager
Employee Groups: International Union of Operators Engineers, Local 12

Due to time constraints, item was moved to after Public Participation on the Agenda.

Director Young inquired if anyone from the public would like to speak on the Closed Session item. No requests were received to speak, therefore Director Young closed the public comment period.

The Board entered into closed session at 6:26 p.m.

The Board adjourned from closed session at 6:57 p.m. to conduct the business portion of the meeting which commenced at 6:57 p.m. with all Board Members present.

Report out on Closed Session

General Counsel Castillo stated that there was no reportable action.

PUBLIC PARTICIPATION

Director Young inquired if anyone from the public would like to speak. No requests were received to speak, therefore Director Young closed the public comment period.

PRESENTATIONS

None.

CONSENT CALENDAR

1. Minutes for the April 16, 2026, Regular Board Meeting
2. Monthly Cash Disbursements Report – March 2026
3. Treasurer’s Report – February 2026
4. Revenue and Expenditures Report – March 2026
5. Purchase Order Report – March 2026
6. Third Quarter Financial Report Fiscal Year 2025-26

- 7. Purchase Order Report – April 2026
- 8. Revenue and Expenditures Report – April 2026
- 9. Monthly Cash Disbursements Report – April 2026
- 10. Treasure’s Report – 2026
- 11. Well 1A Rehabilitation

Motion to adopt Consent Calendar.

RESULT:	ADOPTED [3-0-2]
MOVER:	Daniel Jenkins
SECONDER:	Estevan Bennett
AYES:	Estevan Bennett, Daniel Jenkins, Gregory Young
ABSENT:	Kelvin Moore, Angela Garcia

BUSINESS MATTERS

- 1. Public Hearing and Adopt Ordinance No. 93 of the West Valley Water District Implementing California Assembly Bill 1572 Prohibiting the use of Potable Water for the Irrigation of Nonfunctional Turf

Due to time constraints, item was moved before Closed Session on the Agenda.

Director of Engineering Welborn gave the staff report and fielded questions from the Board of Directors.

Director Young opened the Public Hearing.

Director Young inquired if anyone from the public would like to speak and provide an opportunity for submitting written protests. Acting Board Secretary stated none were received for the record. Since there were no written protests submitted, no requests to speak; therefore, Director Young closed the public hearing.

General Counsel Castillo stated the item would be voted on at the next Board of Directors meeting on June 4, 2026, as a Consent Calendar item.

- 2. Public Hearing and Adopt Resolution No. 2026-04, Adopting the 2025 Upper Santa Ana River Watershed Regional Urban Water Management Plan

Due to time constraints, item was moved before Closed Session on the Agenda.

Director of Engineering Welborn gave the staff report and fielded questions from the Board of Directors. Laine Carlson with Water Systems Consulting, Inc. provided additional clarification regarding questions from the Board of Directors.

Director Young opened the Public Hearing.

Director Young inquired if anyone from the public would like to speak and provide an opportunity for submitting written protests. Acting Board Secretary stated none were received for the record. Since there were no written protests submitted, no requests to speak; therefore, Director Young closed the public hearing.

Motion to adopt Resolution No. 2026-04, Adopting the 2025 Upper Santa Ana River Watershed Regional Urban Water Management Plan.

RESULT:	ADOPTED [3-0-2]
MOVER:	Daniel Jenkins
SECONDER:	Estevan Bennett
AYES:	Estevan Bennett, Daniel Jenkins, Gregory Young
ABSENT:	Kelvin Moore, Angela Garcia

3. Public Hearing and Adopt Resolution No. 2026-05, Adopting the Water Shortage Contingency Plan

Due to time constraints, item was moved before Closed Session on the Agenda.

Director of Engineering Welborn gave the staff report and fielded questions from the Board of Directors. Laine Carlson with Water Systems Consulting, Inc. provided additional clarification regarding questions from the Board of Directors.

Director Young opened the Public Hearing.

Director Young inquired if anyone from the public would like to speak and provide an opportunity for submitting written protests. Acting Board Secretary stated none were received for the record. Since there were no written protests submitted, no requests to speak; therefore, Director Young closed the public hearing.

Motion to Adopt Resolution No. 2026-05, Adopting the Water Shortage Contingency Plan.

RESULT:	ADOPTED [3-0-2]
MOVER:	Daniel Jenkins
SECONDER:	Estevan Bennett
AYES:	Estevan Bennett, Daniel Jenkins, Gregory Young
ABSENT:	Kelvin Moore, Angela Garcia

4. Adopt Resolution No. 2026-09, Approving Entering Into an Agreement to Receive Grant Funding from the Bureau of Reclamation for the District's Water Use Efficiency Rebate Program

Director of Engineering Welborn gave the staff report and fielded questions from the Board of Directors.

Motion to adopt Resolution No. 2026-09, Approving Entering Into an Agreement to Receive Grant Funding from the Bureau of Reclamation for the District's Water Use Efficiency Rebate Program.

RESULT:	ADOPTED [3-0-2]
MOVER:	Daniel Jenkins
SECONDER:	Estevan Bennett
AYES:	Estevan Bennett, Daniel Jenkins, Gregory Young
ABSENT:	Kelvin Moore, Angela Garcia

5. Professional Services Agreement with OCMI, Inc. for the New Headquarters Facility

Director of Engineering Welborn gave the staff report and fielded questions from the Board of Directors.

Motion to approve the Professional Services Agreement with OCMI, Inc. for the New Headquarters Facility.

RESULT:	ADOPTED [3-0-2]
MOVER:	Daniel Jenkins
SECONDER:	Estevan Bennett
AYES:	Estevan Bennett, Daniel Jenkins, Gregory Young
ABSENT:	Kelvi Moore, Angela Garcia

6. Approve Third Amendment to the Water Spreading Agreement with the San Bernardino County Flood Control District

Item was pulled from the Agenda to be heard at a later date.

7. Proposed Amended Job Description – Director of Technical Services

Human Resources and Risk Manager Sainz gave the staff report and fielded questions from the Board of Directors.

Motion to approve the Amended Job Description – Director of Technical Services.

RESULT:	ADOPTED [3-0-2]
MOVER:	Daniel Jenkins
SECONDER:	Estevan Bennett
AYES:	Estevan Bennett, Daniel Jenkins, Gregory Young
ABSENT:	Kelvin Moore, Angela Garcia

8. Rejection of Claim – Ashley Booker

Human Resources and Risk Manager Sainz gave the staff report and fielded questions from the Board of Directors.

Motion to approve the Rejection of Claim of Ashley Booker.

RESULT:	ADOPTED [3-0-2]
MOVER:	Daniel Jenkins
SECONDER:	Estevan Bennett
AYES:	Estevan Bennett, Daniel Jenkins, Gregory Young
ABSENT:	Kelvin Moore, Angela Garcia

9. Rejection of Claim – Consuelo Navarrete

Human Resources and Risk Manager Sainz gave the staff report and fielded questions from the Board of Directors.

Motion to approve the Rejection of Claim of Consuelo Navarrete.

RESULT:	ADOPTED [3-0-2]
MOVER:	Daniel Jenkins
SECONDER:	Estevan Bennett
AYES:	Estevan Bennett, Daniel Jenkins, Gregory Young
ABSENT:	Kelvin Moore, Angela Garcia

REPORTS - LIMITED TO 5 MINUTES MAXIMUM (Presentations or handouts must be provided to Board Members in advance of the Board Meeting).

1. Board Committee Reports

Director Bennett reported on updates from the Human Resources Committee.
 Director Jenkins reported on updates from the Finance Committee.
 Director Young reported on updates from the Engineering, Planning, and Operations Committee.

2. Board Members

Director Jenkins reported on attending the Lord Ranch project.
 Director Bennett reported on attending the Lord Ranch project.
 Director Young reported on attending the Lord Ranch project.

3. General Manager

General Manager Thiel provided updates on recruitment, employees, and committee reports.

4. Legal Counsel

No report out.

5. Public Outreach Government Affairs

Manager of Public Outreach and Government Affairs Pantaleon provided an update on upcoming Conferences, legislation, and events.

6. Board Secretary

Acting Board Secretary Johnson provided an update on upcoming meetings and events.

ADJOURN

Director Young adjourned the meeting at 7:32 p.m.

ATTEST:

Kara Johnson, Acting Board Secretary

Minutes were approved on _____ by the Board of Directors of the West Valley Water District.



STAFF REPORT

DATE: June 4, 2026
TO: Board of Directors
FROM: Joanne Chan, Director of Operations
SUBJECT: 2025 Water Quality Report

STRATEGIC GOAL:

Strategic Goal 7 – Realize Health, Safety, and Regulatory Compliance; Objective 7A - Prepare for and Comply with Evolving Water Regulations

MEETING HISTORY:

5/26/26 - Engineering, Operations and Planning Committee

BACKGROUND:

The United States Environmental Protection Agency (EPA) and the State Water Resources Control Board, Division of Drinking Water, require community water systems to prepare and distribute an Annual Consumer Confidence Report (CCR), also referred to as the Water Quality Report. The report provides customers with information regarding the source and quality of the drinking water, including monitoring results, regulatory compliance, and public health information.

The Annual CCR/Water Quality Report summarizes water quality testing performed during calendar year 2025 and confirms whether the West Valley Water District's (District) drinking water met all applicable federal and state drinking water standards.

The report must be distributed to all customers by July 1 of each year and made available to the public.

Beginning in 2027, new regulatory requirements will require community water systems to distribute the report twice annually. The first report will be due by July 1, 2027, and will cover calendar year 2026 water quality data. A second report will be due by December 31, 2027, and will include any updates or changes occurring between January 1, 2027, and June 30, 2027.

DISCUSSION:

During calendar year 2025, the District's water system conducted extensive testing for microbiological contaminants, inorganic compounds, disinfection byproducts, nitrate, lead and copper, and other regulated constituents in accordance with federal and state requirements.

Testing results demonstrated that the District's drinking water either met or remained within allowable limits for all drinking water standards. Any detected constituents were below the maximum contaminant levels established by regulatory agencies. The 2025 Water Quality Report is provided as **Exhibit A**.

The CCR/Water Quality Report also includes:

- Information regarding the District's water sources;
- Definitions of drinking water standards and treatment techniques;
- Educational information concerning vulnerable populations;
- Monitoring and compliance summaries; and
- Contact information for public inquiries regarding water quality.

Staff will distribute the report through posting on the District website, bill inserts and social media notifications and will maintain copies at the District office and other public facilities.

FISCAL IMPACT:

This item is included in the Fiscal Year 2025/26 Operating Budget GL 100-5615-536-5473 titled "Miscellaneous/Permits & Fees" for printing.

REQUESTED ACTION:

Staff recommends that the Board of Directors to:

1. Receive and file the 2025 Water Quality Report.

Attachments

[Exhibit A - Water Quality Report.pdf](#)

EXHIBIT A



2025

WATER QUALITY REPORT

This is a Consumer Confidence Report that summarizes the quality of the water that West Valley Water District provided in 2025. This report was prepared in May 2026.



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John Thiel, PE, MBA
General Manager

A Message from Our General Manager

Dear Neighbor

At West Valley Water District (WVWD), we understand that the safety and reliability of your drinking water are fundamental to your well-being. Providing your family with reliable, high-quality water is more than just our mission, it's a commitment we uphold every single day.

I'm proud to report that, once again, WVWD successfully met or exceeded all state regulatory standards for water quality in 2025. This achievement is a testament to the expertise of our dedicated team and our focus on planning, building, operating, and maintaining a modern, resilient water system. As a public utility, this system belongs to you, and we are honored to manage it with the highest level of care.

Our mission at WVWD is to provide reliable, cost-effective, long-term sustainable water services to every community we serve. Looking ahead, we continue to invest in our local infrastructure and workforce to ensure we meet the needs of our region today and for future generations.

I invite you to review our 2025 Water Quality Report, which outlines our water sources, treatment processes, and various community initiatives, including our conservation and education programs. If you have any questions regarding this report, **please contact our Water Quality Department at (909) 875-1804.**

Thank you for your continued trust in us and for your interest in the health and vitality of our community.

Sincerely,

Our Commitment

Vision:

The West Valley Water District will be a model for innovation and sustainability, with a commitment to our growing communities and our employees.

Mission:

The West Valley Water District provides our community with high-quality and reliable water service in a cost-effective and sustainable manner.

Board of Directors

Kelvin Moore

President, Division 3

Angela Garcia

Vice President, Division 1

Dan Jenkins

Director, Division 2

Estevan Bennett

Director, Division 4

Greg Young

Director, Division 5

WHO WE ARE:



32
Square
Miles



93,810 People
Served

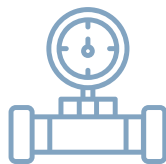
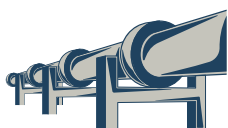


88 Team
Members



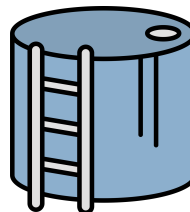
6 Inland Empire
Communities
Served

419 Miles of
Pipeline



25,400
Service
Connections

26
Storage
Tanks



3,835
Fire Hydrants

OUR VALUES



Innovation

WVWD fosters innovation, creativity, and ingenuity as we constantly seek to strengthen our services, programs, and practices.



Regional Partner

WVWD is a proactive leader and partner in regional collaboration projects and programs that improve our community and the water supply.



Preferred Workplace

WVWD offers an empowering work environment that promotes diversity, equity, and inclusion where employees can succeed.



Public Trust & Integrity

WVWD fosters a culture of openness, transparency, and accountability to our community and stakeholders.



Sustainability

WVWD is committed to innovative solutions that support the long-term success of our organization.

Water Systems Information

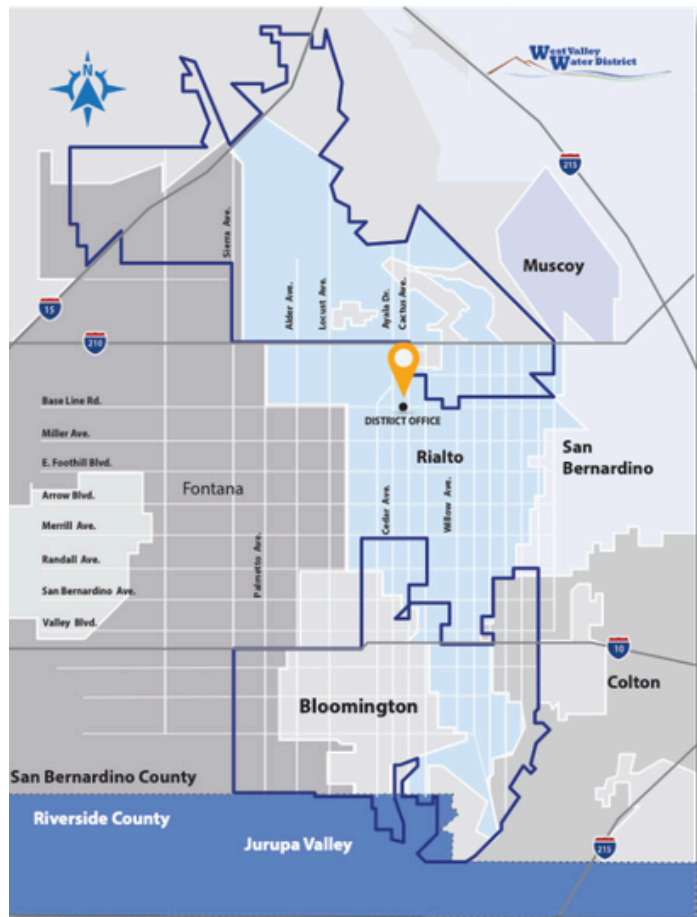
At WWWD our mission is to provide our customers with safe, high quality and reliable water service at a reasonable rate and in a sustainable manner.

WWWD is a Special District governed by a five-member Board of Directors providing retail water to over 93,000 customers with over 25,400 commercial and residential service connections. WWWD serves quality drinking water to portions of Rialto, Colton, Fontana, Bloomington, and portions of the unincorporated area of San Bernardino County and a portion of city of Jurupa Valley in Riverside County.

The goal of our Annual Water Quality Report (WQR) is to inform our customers about the quality of our drinking water, the sources of our water, any monitored contaminants found in drinking water, and whether our system meets state and federal drinking water standards. Our water quality data is submitted to the State Water Resources Control Board, Division of Drinking Water (DDW), in order to monitor our compliance for all regulatory standards and assure high quality drinking water is consistently delivered directly to our customers.

Last year, as in years past, **your tap water met all U.S. EPA and State drinking water health standards.** WWWD vigilantly safeguards its water supplies and, once again, we are proud to report that our system has never violated a maximum contaminant level or any other water quality standard.

This brochure is a snapshot of last year's water quality. Included are details about where your water comes from, what it contains, and how it compares to State standards. We are committed to providing you with information because informed customers are our best allies.



Public Participation

Public involvement is central to ensuring that we are meeting the highest water supply, water quality, and customer service standards. We welcome your input; please see below for ways you can be involved with WWWD. Click on the links below to view content and schedules.

Meetings

www.wwwd.org/meetings

Homepage

www.wwwd.org

Contact Information

If you have any questions regarding the contents of this report or regarding water quality, please contact:

- Janet Harmon, Water Quality Supervisor
(909) 875-1804 ext. 371
- Jesse Becerra (Spanish), Water Quality Specialist
(909) 875-1804 ext. 372

Non-English Speaking Information

Este informe contiene información muy importante sobre su agua para beber. Favor de comunicarse²⁰ WWWD a 855 W. Base Line Rd., Rialto, CA 92376 para asistirlo en español.

SOURCES OF WATER

WVWD obtains water from both local and imported sources to serve its customers and routinely tests for contaminants from these sources in accordance with Federal and State Regulations.



LOCAL WATER

Groundwater

44.0% of WVWD's water supply is from its own groundwater wells, located in four local basins:

- Bunker Hill Basin
- Lytle Creek Basin
- North Riverside Basin
- Rialto-Colton Basin

13.1% of WVWD's water supply consists of additional groundwater purchased from San Bernardino Valley Municipal Water District through the Baseline Feeder Project. This water also comes from local wells in the Bunker Hill Basin.

Surface Water

24.5% of WVWD's water supply is surface water from Lytle Creek in the San Bernardino Mountains. This water is treated through WVWD's Oliver P. Roemer Water Filtration Facility.



IMPORTED WATER

State Water Project

18.4% of WVWD's water supply is surface water purchased from the State Water Project through San Bernardino Valley Municipal Water District. This water is also treated through WVWD's Oliver P. Roemer Water Filtration Facility.



SOURCE WATER ASSESSMENT



OVERVIEW

Between 2002 and 2008, WWWD, the California Department of Public Health conducted Source Water Assessments (SWA) of all our drinking water wells and surface water received at the Oliver P. Roemer Surface Water Treatment Plant. As a result of the SWA, the following six water quality characteristics are being closely monitored; however, no contaminants have been detected above the Maximum Contaminant Levels (MCL) set by the State Water Resources Control Board (State Water Board).

To view completed source water assessments, you may visit our District office located at:

855 W. Base Line Rd, Rialto, California, 92376

or call (909) 875-1804.



Fecal Coliform and E. Coli Bacteria: Heavy recreational activities in both Lytle Creek and Lake Silverwood during warm summer months increase vulnerability.

Methyl Tertiary Butyl Ether (MTBE): Sources located near gasoline service stations and underground gas storage tanks are vulnerable. A MTBE plume is leaching from the Colton Gasoline Storage Terminal.

Volatile Organic Chemicals (VOCs) and Synthetic Organic Chemicals (SOCs): All WWWD groundwater wells were determined to be vulnerable to both VOCs and SOCs. Well 7 received a monitoring waiver during the 2023-2025 compliance period because the well was offline during the compliance period.

Perchlorate: Detected at low levels in four groundwater wells (Wells 11, 18A, 41, and 42). All of these wells are primary water sources and have treatment systems installed. It is believed that the likely sources for perchlorate originate from former manufacturers of rocket fuel/fireworks and fertilizer. The affected wells have ion exchange systems installed for perchlorate removal.

Nitrate: Some groundwater wells are vulnerable. Nitrate contamination is the result of leaching septic systems and past citrus farming.

Cryptosporidium: Microbial pathogen found in surface water throughout the U.S.

DEFINITIONS



Maximum Contaminant Level (MCL): The highest level of a contaminant that is allowed in drinking water. Primary MCLs are set as close to the PHGs (or MCLGs) as is economically and technologically feasible. Secondary MCLs are set to protect the odor, taste, and appearance of drinking water.

Maximum Contaminant Level Goal (MCLG): This level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are set by the U.S. Environmental Protection Agency.

Public Health Goal (PHG): The level of a contaminant in drinking water below, which there is no known or expected risk to health. PHGs are set by the California Environmental Protection Agency.

Primary Drinking Water Standard (PDWS): MCLs, MRDLs and treatment techniques (TTs) for contaminants that affect health, along with their monitoring and reporting requirements.

Maximum Residual Disinfectant Level (MRDL): The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG): The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Regulatory Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.

Treatment Technique (TT): A required process intended to reduce the level of a contaminant in drinking water.

Nephelometric Turbidity Unit (NTU): A measure of clarity of water. Turbidity greater than 5 NTU is just noticeable to the average person.

Milligrams per Liter (mg/L): Or parts per million (ppm) corresponds to 1 second in 11.5 days.

Micrograms per Liter ($\mu\text{g/L}$): Or parts per billion (ppb) corresponds to 1 second in nearly 32 years.

Nanograms per Liter (ng/L): Or parts per trillion (ppt) corresponds to 1 second in nearly 32,000 years.

Picograms per Liter (pg/L): Or parts per quadrillion (ppq) corresponds to 1 second in nearly 32,000,000 years.

Picocuries per Liter (pCi/L): Measurement commonly used to measure radionuclides in water.

Microsiemens per centimeter ($\mu\text{S/cm}$): A measure of conductivity.

Threshold Odor Number (TON): A measure of odor.

Running Annual Average (RAA): The yearly average which is calculated every 3 months using the previous 12 months' data.

Local Running Annual Average (LRAA): The RAA at one sample location.

Disinfection By-Product: Compounds which are formed from mixing of organic or mineral precursors in the water with ozone, chlorine, or chloramine. Total Trihalomethanes and Haloacetic Acids are disinfection by-products.

Secondary Drinking Water Standard (Secondary Standard): MCLs for contaminants that do not affect health but are used to monitor the aesthetics of the water.

Notification Level (NL): Health-based advisory levels established by the State Water Board for chemicals in drinking water that lack MCLs.

90th Percentile: The value in a data set in which 90 percent of the set is less than or equal to this value. The Lead and Copper Rule uses the 90th percentile to comply with the Action Level.

2025 West Valley Water District Water Quality Report - Distribution System

Parameter	Sample Date	Units	MCL	PHG (MCLG)	Result Type	Results	Violation Yes/No	Major Sources in Drinking Water	Health Effects
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PRIMARY STANDARDS - Mandatory Health-Related Standards

Microbiological Contaminants

Total Coliform Bacteria	2025	%	5	(0)	Maximum Monthly Positive Samples	1	No	Naturally present in the environment.	Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially harmful, waterborne pathogens may be present or that a potential pathway exists through which contamination may enter the drinking water distribution system. We found coliforms indicating the need to look for potential problems in water treatment or distribution. When this occurs, we are required to conduct assessment(s) to identify problems and to correct any problems that were found.
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Disinfection Byproducts, Disinfectant Residuals, and Disinfection Byproduct Precursors

Haloacetic Acids	2025	µg/L	LRAA = 60	N/A	Range Highest LRAA	ND - 14.1 8.1	No	Byproduct of drinking water disinfection.	Some people who drink water containing haloacetic acids in excess of the MCL over many years may have an increased risk of getting cancer.
Total Trihalomethanes	2025	µg/L	LRAA = 80	N/A	Range Highest LRAA	ND - 72.4 28.9	No	Byproduct of drinking water disinfection.	Some people who drink water containing trihalomethanes in excess of the MCL over many years may experience liver, kidney or central nervous system problems and have an increased risk of getting cancer.
Chlorine	2025	mg/L	MRDL = 4.0 (as Cl ₂)	MRDLG = 4.0 (as Cl ₂)	Range Highest RAA	0.24 - 2.30 1.22	No	Drinking water disinfectant added for treatment.	Some people who use water containing chlorine well in excess of the MRDL could experience irritating effects to their eyes and nose. Some people who drink water containing chlorine well in excess of the MRDL could experience stomach discomfort.

Lead and Copper

Lead	2024	µg/L	AL=15	0.2	# of Sites Sampled # of Sites Over AL 90th Percentile (µg/L)	40 0 ND	No	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers; erosion of natural deposits.	Infants and children who drink water containing lead in excess of the action level may experience delays in their physical or mental development. Children may show slight deficits in attention span and learning abilities. Adults who drink this water over many years may develop kidney problems or high blood pressure.
Copper	2024	mg/L	AL=1.3	0.3	# of Sites Sampled # of Sites Over AL 90th Percentile (mg/L)	40 0 0.18	No	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.	Copper is an essential nutrient, but some people who drink water containing copper in excess of the action level over a relative short amount of time may experience gastrointestinal distress. Some people who drink water containing copper in excess of the action level over many years may suffer liver or kidney damage. People with Wilson's Disease should consult their personal doctor.



2025 West Valley Water District Water Quality Report - Distribution System

Parameter	Sample Date	Units	MCL	PHG (MCLG)	Result Type	Results	Violation Yes/No	Major Sources in Drinking Water
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SECONDARY STANDARDS - Aesthetic Standards ¹

Color	2025	Units	15	N/A	Range Average	ND-7.5 ND	No	Naturally-occurring organic materials.
Specific Conductance	2025	µS/cm	1,600	N/A	Range Average	300-610 393	No	Substances that form ions when in water; seawater influence.
Odor Threshold	2025	TON	3	N/A	Range Average	1-2 1	No	Naturally-occurring organic materials.
Turbidity ¹	2025	NTU	5	N/A	Range Average	ND - 5.8 ND	No	Soil runoff.

OTHER PARAMETERS

pH	2025	pH Units	No Standard	N/A	Range Average	7.2 - 8.2 7.9	No	Characteristic of water.
Total Alkalinity (as CaCO ₃)	2025	mg/L	No Standard	N/A	Range Average	79 - 210 142	No	Naturally occurring.
Calcium	2025	mg/L	No Standard	N/A	Range Average	21-83 47	No	Erosion of salt deposits in soil and rock.

1. Compliance with secondary standards are based on an annual average. Values above the MCL are acceptable, as long as the average is below the MCL.

AL - Regulatory Action Level; LRAA - Locational Running Annual Average; MCL - Maximum Contaminant Level; MCLG - Maximum Contaminant Level Goal; MRDL - Maximum Residual Disinfectant Level; MRDLG - Maximum Residual Disinfectant Level Goal; ND - Non-Detected; NL - Notification Level; NR - No Range; N/A - Not Applicable; NTU - Nephelometric Turbidity Units; PHG - Public Health Goal; RAA - Running Annual Average; TON - Threshold Odor Number

Note: The WQR reflects changes in drinking water regulatory requirements during 2024. These revisions add the requirements of the federal Revised Total Coliform Rule, effective since April 1, 2016, to the existing state Total Coliform Rule. The revised rule maintains the purpose to protect public health by ensuring the integrity of the drinking water distribution system and monitoring for the presence of microbials (i.e., total coliform and E.coli bacteria). The U.S. EPA anticipates greater public health protection as the rule requires water systems that are vulnerable to microbial contamination to identify and fix problems. Water systems that exceed a specified frequency of total coliform occurrences are required to conduct an assessment to determine if any sanitary defects exist. If found, these must be corrected by the water system. The state Revised Total Coliform Rule became effective July 1, 2021.



2025 West Valley Water District Water Quality Report - Baseline Feeder and Groundwater Wells

Parameter	Sample Date ¹	Units	MCL	PHG (MCLG)	Result Type	RESULTS		Violation Yes/No	Major Sources in Drinking Water	Health Effects
						Baseline Feeder ³	Wells			
PRIMARY STANDARDS - Mandatory Health-Related Standards										
Microbiological Contaminants										
Total Coliform Bacteria	2025	%	5	(0)	Maximum Monthly Positive Samples	0	0	No	Naturally present in the environment.	Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially harmful, waterborne pathogens may be present or that a potential pathway exists through which contamination may enter the drinking water distribution system. We found coliforms indicating the need to look for potential problems in water treatment or distribution. When this occurs, we are required to conduct assessment(s) to identify problems and to correct any problems that were found.
Radioactive Contaminants										
Combined Radium (-226 & -228)	2025	pCi/L	5.0	0.05	Range Average	NR 0.33	ND-0.97 0.43	No	Erosion of natural deposits.	Some people who drink water containing radium 226 or radium 228 in excess of the MCL over many years may have an increased risk of getting cancer.
Inorganic Contaminants										
Arsenic	2025	µg/L	10	0.004	Range Average	NR 2.8	0.39 - 7.4 3.2	No	Erosion of natural deposits; runoff from orchards; glass and electronics production wastes.	Some people who drink water containing arsenic in excess of the MCL over many years may experience skin damage or circulatory system problems, and may have an increased risk of getting cancer.
Barium (Total)	2025	mg/L	1	2	Range Average	NR 0.053	NR 0.042	No	Discharges of oil drilling wastes and from metal refineries; erosion of natural deposits.	Some people who drink water containing barium in excess of the MCL over many years may experience an increase in blood pressure.
Chromium (hexavalent)	2025	µg/L	10	0.02	Range Average	NR 1.9	0.22 - 2.0 1.0	No	Erosion of natural deposits; transformation of naturally occurring trivalent chromium to hexavalent chromium by natural processes and human activities such as discharges from electroplating factories, leather tanneries, wood preservation, chemical synthesis, refractory production, and textile manufacturing facilities.	Some people who drink water containing hexavalent chromium in excess of the MCL over many years may have an increased risk of getting cancer.
Fluoride	2025	mg/L	2.0	1.0	Range Average	NR 0.41	NR 0.24	No	Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories.	Some people who drink water containing fluoride in excess of the federal MCL of 4 mg/L over many years may get bone disease, including pain and tenderness of the bones. Children who drink water containing fluoride in excess of the state MCL of 2 mg/L may get mottled teeth.
Nitrate as Nitrogen	2025	mg/L	10	10	Range Average	1.9 - 4.8 3.3	0.47-3.4 1.9	No	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits.	Infants below the age of six months who drink water containing nitrate in excess of the MCL may quickly become seriously ill and, if untreated, may die because high nitrate levels can interfere with the capacity of the infant's blood to carry oxygen. Symptoms include shortness of breath and blueness of the skin. High nitrate levels may also affect the oxygen-carrying ability of the blood of pregnant women.

2025 West Valley Water District Water Quality Report - Baseline Feeder and Groundwater Wells

Parameter	Sample Date ¹	Units	MCL	PHG (MCLG)	Result Type	RESULTS		Violation Yes/No	Major Sources in Drinking Water	Health Effects
						Baseline Feeder ³	Wells			

PRIMARY STANDARDS - Mandatory Health-Related Standards

Inorganic Contaminants

Perchlorate	2025	µg/L	6.0	1.0	Range Average	NR 0.62	NR 0.67	No	Perchlorate is an inorganic chemical used in solid rocket propellant, fireworks, explosives, flares, matches and a variety of industries. It usually gets into drinking water as a result of environmental contamination from historic aerospace or other industrial operations that used or use, store, or dispose of perchlorate and its salts.	Perchlorate has been shown to interfere with uptake of iodide by the thyroid gland, and to thereby reduce the production of thyroid hormones, leading to adverse effects associated with inadequate hormone levels. Thyroid hormones are needed for normal prenatal growth and development of the fetus, as well as for normal growth and development in the infant and child. In adults thyroid hormones are needed for normal metabolism and mental function.
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Disinfection Byproducts, Disinfectant Residuals, and Disinfection Byproduct Precursors

Chlorine	2025	mg/L	MRDL = 4.0 (as Cl ₂) MRDLG = 4.0 (as Cl ₂)	Range Average	0.66-1.70 1.34	N/A N/A	No	Drinking water disinfectant added for treatment.	Some people who use water containing chlorine in excess of the MRDL could experience irritating effects to their eyes and nose. Some people who drink water containing chlorine well in excess of the MRDL could experience stomach discomfort.
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Parameter	Sample Date	Units	MCL	PHG (MCLG)	Result Type	RESULTS		Violation Yes/No	Major Sources in Drinking Water
						Baseline Feeder ³	Wells		

SECONDARY STANDARDS - Aesthetic Standards²

Typical Source of Contaminant

Chloride	2025	mg/L	500	N/A	Range Average	NR 21	NR 4.0	No	Runoff/leaching from natural deposits; seawater influence.
Specific Conductance	2025	µS/cm	1,600	N/A	Range Average	NR 580	NR 370	No	Substances that form ions when in water; seawater influence.
Color	2025	Units	15	N/A	Range Average	NR ND	ND - 0.30 ND	No	Naturally-occurring organic materials.
Foaming Agents (MBAS)	2025	µg/L	500	N/A	Range Average	NR ND	NR 48	No	Municipal and industrial waste discharges.
Methyl tert-butyl ether (MTBE)	2025	µg/L	5	N/A	Range Average	NR ND	ND - 3.8 0.59	No	Leaking underground storage tanks; discharge from petroleum and chemical factories.
Odor Threshold	2025	TON	3	N/A	Range Average	ND-1 1	NR 1	No	Naturally-occurring organic materials.
Sulfate	2025	mg/L	500	N/A	Range Average	NR 59	NR 22	No	Runoff/leaching from natural deposits; industrial wastes.
Total Dissolved Solids	2025	mg/L	1,000	N/A	Range Average	250-380 323	NR 280	No	Runoff/leaching from natural deposits.
Turbidity	2025	NTU	5	N/A	Range Average	ND-3.4 ND	ND-1.8 0.16	No	Soil runoff.

OTHER PARAMETERS

pH	2025	pH Units	No Standard	N/A	Range Average	NR 7.8	NR 8.0	No	Characteristic of water.
Total Alkalinity (as CaCO ₃)	2025	mg/L	No Standard	N/A	Range Average	NR 220	NR 160	No	Naturally occurring.
Calcium	2025	mg/L	No Standard	N/A	Range Average	NR 77	NR 50	No	Erosion of salt deposits in soil and rock.
Hardness	2025	mg/L	No Standard	N/A	Range Average	NR 260	NR 160	No	Hardness is the sum of polyvalent cations present in the water, generally magnesium and calcium. The cations are usually naturally occurring.
Magnesium	2025	mg/L	No Standard	N/A	Range Average	NR 16	7.7-8.0 7.9	No	Erosion of salt deposits in soil and rock.
Sodium	2025	mg/L	No Standard	N/A	Range Average	NR 20	NR 16	No	Sodium refers to the salt present in the water and is generally naturally occurring.

2025 West Valley Water District Water Quality Report - Baseline Feeder and Groundwater Wells

Parameter	Sample Date ¹	Units	Notification Level	Response Level	Result Type	RESULTS		Violation Yes/No	Major Sources in Drinking Water	Health Effects
						Baseline Feeder ³	Wells			
PFAS										
Perfluorobutane sulfonic acid [PFBS] ⁶	2025	ng/L	500	N/A	Range Average	NR ND	ND -5.0 2.5	No	Industrial facilities, landfills, treatment plants, stain-resistant carpeting, nonstick cookware, grease and waterproof food packaging, fabric softeners, waterproof clothing, cosmetics.	Perfluorobutane sulfonic acid exposures resulted in decreased thyroid hormone in pregnant female mice.
Perfluorohexane Sulfonic Acid [PFHxS] ⁶	2025	ng/L	3.0	N/A	Range Average	NR ND	ND-8.3 3.6	No	Industrial facilities, landfills, treatment plants, stain-resistant carpeting, nonstick cookware, grease and waterproof food packaging, fabric softeners, waterproof clothing, cosmetics.	Perfluorohexane sulfonic acid exposures resulted in decreased total thyroid hormone in male rats.
Perfluorooctanoic Acid [PFOA]	2025	ng/L	5.1	0.007	Range Average	NR ND	ND-2.5 ND	No	Industrial facilities, landfills, treatment plants, stain-resistant carpeting, nonstick cookware, grease and waterproof food packaging, fabric softeners, waterproof clothing, cosmetics.	Perfluorooctanoic acid exposures resulted in increased liver weight and cancer in laboratory animals.
Perfluorooctanesulfonic Acid [PFOS]	2025	ng/L	6.5	1.0	Range Average	NR ND	ND-1.5 ND	No	Industrial facilities, landfills, treatment plants, stain-resistant carpeting, nonstick cookware, grease and waterproof food packaging, fabric softeners, waterproof clothing, cosmetics.	Perfluorooctanesulfonic acid exposures resulted in immune suppression and cancer in laboratory animals.

DDW General Order 2022-0001-DDW PFAS Monitoring⁵

Department of Drinking Water PFAS Monitoring

Perfluorobutane sulfonic acid [PFBS] ⁶	2025	ng/L	500	5,000	Range Average	ND-4.8 2.1	No	Industrial facilities, landfills, treatment plants, stain-resistant carpeting, nonstick cookware, grease and waterproof food packaging, fabric softeners, waterproof clothing, cosmetics.	Perfluorobutane sulfonic acid exposures resulted in decreased thyroid hormone in pregnant female mice.
Perfluorohexane Sulfonic Acid [PFHxS] ⁶	2025	ng/L	3.0	20	Range Average	ND-8.3 ⁸ 3.6	No	Industrial facilities, landfills, treatment plants, stain-resistant carpeting, nonstick cookware, grease and waterproof food packaging, fabric softeners, waterproof clothing, cosmetics.	Perfluorohexane sulfonic acid exposures resulted in decreased total thyroid hormone in male rats.
Perfluorooctanoic Acid [PFOA]	2025	ng/L	QRAA = 5.1	QRAA = 10	Range QRAA	ND-5.1 3.0	No	Industrial facilities, landfills, treatment plants, stain-resistant carpeting, nonstick cookware, grease and waterproof food packaging, fabric softeners, waterproof clothing, cosmetics.	Perfluorooctanoic acid exposures resulted in increased liver weight and cancer in laboratory animals.
Perfluorooctanesulfonic Acid [PFOS]	2025	ng/L	QRAA = 6.5	QRAA = 40	Range QRAA	ND-1.3 2.0	No	Industrial facilities, landfills, treatment plants, stain-resistant carpeting, nonstick cookware, grease and waterproof food packaging, fabric softeners, waterproof clothing, cosmetics.	Perfluorooctanesulfonic acid exposures resulted in immune suppression and cancer in laboratory animals.

2025 West Valley Water District Water Quality Report - Baseline Feeder and Groundwater Wells

Parameter	Sample Date ¹	Units	Notification Level	Response Level	Result Type	RESULTS		Violation Yes/No	Major Sources in Drinking Water
						Baseline Feeder ³	Wells		

UNREGULATED CONTAMINANT MONITORING⁴
Fifth Unregulated Contaminant Monitoring Rule (UCMR5)

Lithium	2023	µg/L	N/A	N/A	Range Average	NR ND	NR ND	No	Lithium can be obtained from brine deposits in salt lakes and is used in the cathodes of lithium-ion batteries.
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PFAS Compounds	2023	µg/L	N/A	N/A	Range Average	NR ND	NR ND	No	Industrial facilities, landfills, treatment plants, stain-resistant carpeting, nonstick cookware, grease and waterproof food packaging, fabric softeners, waterproof clothing, cosmetics.
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- The State Water Resources Control Board, Division of Drinking Water (DDW) allows us to monitor for some contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of our data, though representative, are more than one year old. For sample points that were monitored during the current reporting year, the current reporting year data was used. If a sampling point did not have monitoring data for the reporting year, the most current data was used. Contaminant results are based on the most current data for each sampling point.
- Compliance with secondary standards are based on an annual average. Values above the MCL are acceptable, as long as the average is below the MCL.
- Baseline Feeder includes sample stations, North and South Wells, Rialto Well 4A and Encanto Booster.
- Unregulated contaminant monitoring helps U.S. EPA and the State Water Resources Control Board to determine where certain contaminants occur and whether the contaminants need to be regulated.
- DDW General Order 2022-0001-DDW, effective January 1, 2023, requires PFAS monitoring for Wells 11, 18A, 42 and Rialto Well 6 prior to treatment.
- Single or confirmed sample.
- EPA proposes the Hazard Index (HI) be calculated based on the following calculation: Hazard Index = $[(\text{GenXwater}][10 \text{ ppt}]) + ((\text{PFBSwater}][2000 \text{ ppt}]) + ((\text{PFNAwater}][10 \text{ ppt}]) + ((\text{PFHxSwater}][9.0 \text{ ppt}])$.
- Rialto Well 6 receives treatment through the Fluidized Bed Reactor (FBR).

AL - Regulatory Action Level; LRAA - Locational Running Annual Average; MCL - Maximum Contaminant Level; MCLG - Maximum Contaminant Level Goal; MRDL - Maximum Residual Disinfectant Level; MRDLG - Maximum Residual Disinfectant Level Goal; ND - Non-Detected; NL - Notification Level; NR - No Range; N/A - Not Applicable; NTU - Nephelometric Turbidity Units; PHG - Public Health Goal; QRAA - Quarterly Running Annual Average; RAA - Running Annual Average; TON - Threshold Odor Number



2025 West Valley Water District Water Quality Report - Surface Water

Parameter	Sample Date ¹	Units	MCL	PHG (MCLG)	Result Type	RESULTS		Violation Yes/No	Major Sources in Drinking Water	Health Effects
						Lytle Creek	State Water Project			
PRIMARY STANDARDS - Mandatory Health-Related Standards										
Microbiological Contaminants										
Total Coliform Bacteria ³	2025	%	5	(0)	Maximum Monthly Positive Samples	0	0	No	Naturally present in the environment.	Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially harmful, waterborne pathogens may be present or that a potential pathway exists through which contamination may enter the drinking water distribution system. We found coliforms indicating the need to look for potential problems in water treatment or distribution. When this occurs, we are required to conduct assessment(s) to identify problems and to correct any problems that were found.
Radioactive Contaminants										
Gross Alpha Particle Activity	2025	pCi/L	15	(0)	Range Average	NR 3.1	NR ND	No	Erosion of natural deposits.	Certain minerals are radioactive and may emit a form of radiation known as alpha radiation. Some people who drink water containing alpha emitters in excess of the MCL over many years may have an increased risk of getting cancer.
Combined Radium (-226 & -228)	2025	pCi/L	5	(0)	Range Averaged	NR 0.46	NR 0.27	No	Erosion of natural deposits.	Some people who drink water containing radium 226 or radium 228 in excess of the MCL over many years may have an increased risk of getting cancer.
Inorganic Contaminants										
Arsenic	2025	µg/L	10	0.004	Range Average	1.1-1.8 1.5	1.3-2.6 2.0	No	Erosion of natural deposits; runoff from orchards; glass and electronics production wastes.	Some people who drink water containing arsenic in excess of the MCL over many years may experience skin damage or circulatory system problems, and may have an increased risk of getting cancer.
Chromium (hexavalent)	2025	µg/L	10	0.02	Range Average	NR 0.18	NR ND	No	Erosion of natural deposits; transformation of naturally occurring trivalent chromium to hexavalent chromium by natural processes and human activities such as discharges from electroplating factories, leather tanneries, wood preservation, chemical synthesis, refractory production, and textile manufacturing facilities.	Some people who drink water containing hexavalent chromium in excess of the MCL over many years may have an increased risk of getting cancer.
Fluoride	2025	mg/L	2.0	1.0	Range Average	NR 0.44	NR 0.093	No	Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories.	Some people who drink water containing fluoride in excess of the federal MCL of 4 mg/L over many years may get bone disease, including pain and tenderness of the bones. Children who drink water containing fluoride in excess of the state MCL of 2 mg/L may get mottled teeth.
Lead	2025	mg/L	AL=15	0.2	Range Average	NR 0.16	NR 1.8	No	Corrosion of household plumbing systems; erosion of natural deposits.	Exposure to lead in drinking water can cause serious health effects in all age groups. Infants and children can have decreases in IQ and attention span. Lead exposure can lead to new learning and behavior problems or exacerbate existing learning and behavior problems. The children of women who are exposed to lead before or during pregnancy can have increased risk of these adverse health effects. Adults can have increased risks of heart disease, high blood pressure, kidney or nervous system problems.
Nitrate as Nitrogen	2025	mg/L	10	10	Range Average	ND-0.26 0.19	0.10-0.38 0.28	No	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits.	Infants below the age of six months who drink water containing nitrate in excess of the MCL may quickly become seriously ill and, if untreated, may die because high nitrate levels can interfere with the capacity of the infant's blood to carry oxygen. Symptoms include shortness of breath and blueness of the skin. High nitrate levels may also affect the oxygen-carrying ability of the blood of pregnant women.

2025 West Valley Water District Water Quality Report - Surface Water

Parameter	Sample Date ¹	Units	MCL	PHG (MCLG)	Result Type	RESULTS		Violation Yes/No	Major Sources in Drinking Water
						Lytle Creek	State Water Project		
SECONDARY STANDARDS - Aesthetic Standards²									
Typical Source of Contaminant									
Aluminum	2025	µg/L	200	N/A	Range Average	ND-130 65	ND-220 ⁴ 74	No	Erosion of natural deposits; residual from some surface water treatment processes.
Chloride	2025	mg/L	500	N/A	Range Average	NR 1.5	NR 52	No	Runoff/leaching from natural deposits; seawater influence.
Specific Conductance	2025	µS/cm	1,600	N/A	Range Average	NR 330	NR 390	No	Substances that form ions when in water; seawater influence.
Color	2025	Units	15	N/A	Range Average	NR ND	NR 7.5	No	Naturally-occurring organic materials.
Copper	2025	mg/L	1.0	N/A	Range Average	NR ND	ND - 0.013 0.0034	No	Municipal and industrial waste discharges.
Foaming Agents (MBAS)	2025	µg/L	500	N/A	Range Average	NR 64	NR 56	No	Municipal and industrial waste discharges.
Iron	2025	µg/L	300	N/A	Range Average	NR ND	21 - 420 ⁴ 99	No	Leaching from natural deposits.
Odor Threshold	2025	TON	3	N/A	Range Average	NR 1	NR 1	No	Naturally-occurring organic materials.
Sulfate	2025	mg/L	500	N/A	Range Average	NR 20	NR 28	No	Runoff/leaching from natural deposits; industrial wastes.
Total Dissolved Solids	2025	mg/L	1,000	N/A	Range Average	NR 230	NR 190	No	Runoff/leaching from natural deposits.
Turbidity	2025	NTU	5	N/A	Range Average	NR 0.16	NR 0.99	No	Soil runoff.
OTHER PARAMETERS									
pH	2025	pH Units	No Standard	N/A	Range Average	7.2-7.7 7.4	7.2-7.9 7.5	No	Characteristic of water.
Total Alkalinity (as CaCO ₃)	2025	mg/L	No Standard	N/A	Range Average	150-170 159	62-110 82	No	Naturally occurring.
Calcium	2025	mg/L	No Standard	N/A	Range Average	NR 49	NR 18	No	Erosion of salt deposits in soil and rock.
Hardness	2025	mg/L	No Standard	N/A	Range Average	NR 150	NR 88	No	Hardness is the sum of polyvalent cations present in the water, generally magnesium and calcium. The cations are usually naturally occurring.
Magnesium	2025	mg/L	No Standard	N/A	Range Average	NR 7.8	NR 10	No	Erosion of salt deposits in soil and rock.
Sodium	2025	mg/L	No Standard	N/A	Range Average	NR 8.5	NR 41	No	Sodium refers to the salt present in the water and is generally naturally occurring.

2025 West Valley Water District Water Quality Report - Surface Water

Parameter	Sample Date ¹	Units	Notification Level	Response Level	Result Type	RESULTS		Violation Yes/No	Major Sources in Drinking Water	Health Effects
						Lytle Creek	State Water Project			
PFAS										
Perfluorobutane sulfonic acid [PFBS] ⁵	2024	ng/L	500	N/A	Range Average	NR ND	NR ND	No	Industrial facilities, landfills, treatment plants, stain-resistant carpeting, nonstick cookware, grease and waterproof food packaging, fabric softeners, waterproof clothing, cosmetics.	Perfluorobutane sulfonic acid exposures resulted in decreased thyroid hormone in pregnant female mice.
Perfluorohexane Sulfonic Acid [PFHxS] ⁵	2024	ng/L	3.0	N/A	Range Average	NR ND	NR ND	No	Industrial facilities, landfills, treatment plants, stain-resistant carpeting, nonstick cookware, grease and waterproof food packaging, fabric softeners, waterproof clothing, cosmetics.	Perfluorohexane sulfonic acid exposures resulted in decreased total thyroid hormone in male rats.
Perfluorooctanoic Acid [PFOA]	2024	ng/L	5.1	0.007	Range Average	NR ND	NR ND	No	Industrial facilities, landfills, treatment plants, stain-resistant carpeting, nonstick cookware, grease and waterproof food packaging, fabric softeners, waterproof clothing, cosmetics.	Perfluorooctanoic acid exposures resulted in increased liver weight and cancer in laboratory animals.
Perfluorooctanesulfonic Acid [PFOS]	2024	ng/L	6.5	1.0	Range Average	NR ND	NR ND	No	Industrial facilities, landfills, treatment plants, stain-resistant carpeting, nonstick cookware, grease and waterproof food packaging, fabric softeners, waterproof clothing, cosmetics.	Perfluorooctanesulfonic acid exposures resulted in immune suppression and cancer in laboratory animals.

1. DDW allows us to monitor for some contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of our data, though representative, are more than one year old. For sample points that were monitored during the current reporting year, the current reporting year data was used. If a sampling point did not have monitoring data for the reporting year, the most current data was used. Contaminant results are based on the most current data for each sampling point.

2. Compliance with secondary standards are based on an annual average. Values above the MCL are acceptable, as long as the average is below the MCL.

3. Coliform is after treatment through WWVD's Oliver P. Roemer Surface Water Treatment Plant.

4. Aluminum and Iron are reduced through WWVD's Oliver P. Roemer Surface Water Treatment Plant.

5. Single or confirmed sample.

AL - Regulatory Action Level; LRAA - Locational Running Annual Average; MCL - Maximum Contaminant Level; MCLG - Maximum Contaminant Level Goal; MRDL - Maximum Residual Disinfectant Level; MRDLG - Maximum Residual Disinfectant Level Goal; ND - Non-Detected; NL - Notification Level; NR - No Range; N/A - Not Applicable; NTU - Nephelometric Turbidity Units; PHG - Public Health Goal; QRAA - Quarterly Running Annual Average; RAA - Running Annual Average; TON - Threshold Odor Number



2025 West Valley Water District Water Quality Report - Water Treatment Plants

RESULTS

Parameter	Sample Date ¹	Units	MCL	PHG (MCLG)	Result Type	Fluidized Bed Reactors (FBR) ³	Oliver P. Roemer Filtration Facility ⁴	Blending ⁷ Treatment	Ion Exchange Perchlorate Treatment ⁵	Violation Yes/No	Major Sources in Drinking Water	Health Effects
PRIMARY STANDARDS - Mandatory Health-Related Standards												
Microbiological Contaminants												
Total Coliform Bacteria	2025	%	5	(0)	Maximum Monthly Positive Samples	1	1	N/A	1	No	Naturally present in the environment.	Coliforms are used as an indicator that other, potentially harmful, waterborne pathogens may be present or that a potential pathway exists through which contamination may enter the drinking water distribution system.
Radiological												
Gross Alpha Particle Activity	2025	pCi/L	15	(0)	Range Average	2.2-3.0 2.6	N/A N/A	N/A N/A	N/A N/A	No	Erosion of natural deposits.	Certain minerals are radioactive and may emit a form of radiation known as alpha radiation. Some people who drink water containing alpha emitters in excess of the MCL over many years may have an increased risk of getting cancer.
Combined Radium (-226 & -228)	2025	pCi/L	5	0.05	Range Average	ND-0.44 ND	N/A N/A	N/A N/A	NR 1.2	No	Erosion of natural deposits.	Some people who drink water containing radium 226 or radium 228 in excess of the MCL over many years may have an increased risk of getting cancer.
Uranium	2025	pCi/L	20	0.43	Range Average	2.4-3.9 3.2	N/A N/A	N/A N/A	N/A N/A	No	Erosion of natural deposits.	Some people who drink water containing uranium in excess of the MCL over many years may have kidney problems or an increased risk of getting cancer.
Inorganic Chemicals												
Aluminum	2024-2025	mg/L	1	0.6	Range Average	ND-0.17 ND	ND-0.084 0.014	N/A N/A	0.54 - 1.2 0.87	No	Erosion of natural deposits; residue from some surface water treatment processes.	Some people who drink water containing aluminum in excess of the MCL over many years may experience short-term gastrointestinal tract effects.
Arsenic	2024-2025	µg/L	10	0.004	Range Average	0.71-0.97 0.84	0.81 - 6.9 1.6	2.8 - 4.1 3.5	0.54-1.2 0.87	No	Erosion of natural deposits; runoff from orchards; glass and electronics production wastes.	Some people who drink water containing arsenic in excess of the MCL over many years may experience skin damage or circulatory system problems, and may have an increased risk of getting cancer.
Chromium (hexavalent)	2024-2025	µg/L	10	0.02	Range Average	1.0-1.6 1.4	NR 0.11	N/A N/A	2.1-2.3 2.2	No	Erosion of natural deposits; transformation of naturally occurring trivalent chromium to hexavalent chromium by natural processes and human activities such as discharges from electroplating factories, leather tanneries, wood preservation, chemical synthesis, refractory production, and textile manufacturing facilities.	Some people who drink water containing hexavalent chromium in excess of the MCL over many years may have an increased risk of getting cancer.

2025 West Valley Water District Water Quality Report - Water Treatment Plants

RESULTS

Parameter	Sample Date ¹	Units	MCL	PHG (MCLG)	Result Type	Fluidized Bed Reactors (FBR) ³	Oliver P. Roemer Filtration Facility ⁴	Blending ⁷ Treatment	Ion Exchange Perchlorate Treatment ⁵	Violation Yes/No	Major Sources in Drinking Water	Health Effects
Inorganic Chemicals												
Fluoride	2024-2025	mg/L	2.0	1.0	Range Average	0.21-0.35 0.30	N/A N/A	N/A N/A	NR 0.20	No	Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories	Some people who drink water containing fluoride in excess of the Federal MCL of 4 mg/L over many years may get bone disease, including pain and tenderness of the bones. Children who drink water containing fluoride in excess of the state MCL of 2 mg/L may get mottled teeth.
Nitrate as Nitrogen	2025	mg/L	10	10	Range Average	ND-4.4 1.3	N/A N/A	N/A N/A	6.0-7.5 6.6	No	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits.	Infants below the age of six months who drink water containing nitrate in excess of the MCL may quickly become seriously ill and, if untreated, may die because high nitrate levels can interfere with the capacity of the infant's blood to carry oxygen. Symptoms include shortness of breath and blueness of the skin. High nitrate levels may also affect the oxygen-carrying ability of the blood of pregnant women.
Perchlorate	2025	µg/L	6.0	1.0	Range Average	ND-0.98 ND	N/A N/A	N/A N/A	ND - 0.96 ND	No	Perchlorate is an inorganic chemical used in solid rocket propellant, fireworks, explosives, flares, matches and a variety of industries. It usually gets into drinking water as a result of environmental contamination from historic aerospace or other industrial operations that used or use, store, or dispose of perchlorate and its salts.	Perchlorate has been shown to interfere with uptake of iodide by the thyroid gland, and to thereby reduce the production of thyroid hormones, leading to adverse effects associated with inadequate hormone levels. Thyroid hormones are needed for normal prenatal growth and development of the fetus, as well as for normal growth and development in the infant and child. In adults thyroid hormones are needed for normal metabolism and mental function.
Volatile Organic Chemicals												
Methyl tert-butyl ether (MTBE)	2024-2025	µg/L	13	13	Range Average	ND-0.62 ND	N/A N/A	ND - 1.3 0.62	NR ND	No	Leaking underground storage tanks; discharge from petroleum and chemical factories.	Some people who use water containing methyl-tert-butyl ether in excess of the MCL may, over many years, have an increased risk of getting cancer.
Tetrachloroethylene (PCE)	2025	µg/L	5.0	0.06	Range Average	NR ND	N/A N/A	N/A N/A	0.44 - 0.55 0.49	No	Discharge from factories, dry cleaners, and auto shops (metal degreaser).	Some people who use water containing Tetrachloroethylene in excess of the MCL may, over many years, have an increased risk of getting cancer.
Trichloroethylene (TCE)	2024-2025	µg/L	5.0	1.7	Range Average	ND-0.40 0.23	N/A N/A	N/A N/A	NR ND	No	Discharge from metal degreasing sites and other factories.	Some people who use water containing trichloroethylene in excess of the MCL over many years may experience liver problems and may have an increased risk of getting cancer.

2025 West Valley Water District Water Quality Report - Water Treatment Plants

RESULTS

Parameter	Sample Date ¹	Units	MCL	PHG (MCLG)	Result Type	Fluidized Bed Reactors (FBR) ³	Oliver P. Roemer Filtration Facility ⁴	Blending ⁷ Treatment	Ion Exchange Perchlorate Treatment ⁵	Violation Yes/No	Major Sources in Drinking Water	Health Effects
Disinfection Byproducts (DBP) and Disinfection Byproduct Precursors												
Chlorine	2025	mg/L	MRDL = 4.0 (as Cl ₂)	MRDLG = 4.0 (as Cl ₂)	Range Average	1.15-1.93 1.46	0.50-2.50 1.56	1.0-1.69 1.33	0.24-2.30 1.22 ⁶	No	Drinking water disinfectant added for treatment.	Some people who use water containing chlorine in excess of the MRDL could experience irritating effects to their eyes and nose. Some people who drink water containing chlorine well in excess of the MRDL could experience stomach discomfort.
Haloacetic Acids ⁵	2025	µg/L	80	N/A	Range Highest LRAA	ND-1.0 ND	1.2-10 5.5	N/A N/A	N/A N/A	No	Byproduct of drinking water disinfection.	Some people who drink water containing haloacetic acids in excess of the MCL may, over many years, have an increased risk of getting cancer.
Total Trihalomethanes	2025	µg/L	60	N/A	Range Highest LRAA	NR ND	8.1-26.9 16.6	N/A N/A	N/A N/A	No	Byproduct of drinking water disinfection.	Some people who drink water containing trihalomethanes in excess of the MCL may, over many years, experience liver, kidney or central nervous system problems and have an increased risk of getting cancer.
Control of DBP Precursors Total Organic Carbon (TOC)	2025	mg/L	TT	N/A	Range Average	ND-0.55 0.20	ND-3.4 1.1	N/A N/A	N/A N/A	No	Various natural and manmade sources.	Total organic carbon has no health effects. However, total organic carbon provides a medium for the formation of disinfection byproducts. These byproducts include trihalomethanes (THMs) and haloacetic acids (HAAs).

RESULTS

Parameter	Sample Date ¹	Units	MCL	PHG (MCLG)	Result Type	Fluidized Bed Reactors (FBR) ³	Oliver P. Roemer Filtration Facility ⁴	Blending ⁷ Treatment	Ion Exchange Perchlorate Treatment ⁵	Violation Yes/No	Major Sources in Drinking Water
SECONDARY STANDARDS - Aesthetic Standards²											Typical Source of Contaminant
Aluminum	2024-2025	µg/L	200	N/A	Range Average	ND-17 ND	8.8-84 14	N/A N/A	NR ND	No	Erosion of natural deposits; residual from some surface water treatment processes.
Chloride	2024-2025	mg/L	500	N/A	Range Average	4.1-7.4 5.4	6.1-120 31.8	N/A N/A	7.6-66 37	No	Runoff/leaching from natural deposits; seawater influence.
Color	2025	Units	15	N/A	Range Average	NR ND	NR ND	N/A N/A	NR ND	No	Naturally-occurring organic materials.
Specific Conductance	2024-2025	µS/cm	1,600	N/A	Range Average	340-430 375	N/A N/A	N/A N/A	450-490 470	No	Substances that form ions when in water; seawater influence.
Copper	2024-2025	mg/L	1.0	N/A	Range Average	NR ND	ND-0.019 0.0015	N/A N/A	NR ND	No	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.
Foaming Agents (MBAS)	2024-2025	µg/L	500	N/A	Range Average	ND-140 42	N/A N/A	N/A N/A	ND-47 ND	No	Municipal and industrial waste discharges.
Iron	2024-2025	µg/L	300	N/A	Range Average	ND-45 6	NR ND	N/A N/A	ND-33 16	No	Leaching from natural deposits.
Manganese	2024-2025	µg/L	50	N/A	Range Average	ND-31 ND	NR ND	N/A N/A	0.90-1.1 1.0	No	Leaching from natural deposits.
Methyl tert-butyl ether (MTBE)	2024-2025	µg/L	5.0	N/A	Range Average	ND-0.62 0.26	N/A N/A	N/A N/A	NR ND	No	Leaking underground storage tanks; discharge from petroleum and chemical factories.
Odor Threshold	2025	TON	3	N/A	Range Average	NR 1	1-2 1	N/A N/A	NR 1	No	Naturally-occurring organic materials.

2025 West Valley Water District Water Quality Report - Water Treatment Plants

RESULTS											
Parameter	Sample Date ¹	Units	MCL	PHG (MCLG)	Result Type	Fluidized Bed Reactors (FBR) ³	Oliver P. Roemer Filtration Facility ⁴	Blending ⁷ Treatment	Ion Exchange Perchlorate Treatment ⁵	Violation Yes/No	Major Sources in Drinking Water
SECONDARY STANDARDS - Aesthetic Standards²											Typical Source of Contaminant
Sulfate	2024-2025	mg/L	500	N/A	Range Average	11-20 16	N/A N/A	N/A N/A	9.1-27 18	No	Runoff/leaching from natural deposits; industrial wastes.
Total Dissolved Solids	2024-2025	mg/L	1,000	N/A	Range Average	130-310 230	N/A N/A	N/A N/A	270-290 280	No	Runoff/leaching from natural deposits.
Turbidity	2025	NTU	5	N/A	Range Average	ND-0.63 0.08	ND-3.3 0.12	N/A N/A	ND-0.47 0.14	No	Soil runoff.

RESULTS											
Parameter	Sample Date ¹	Units	MCL	PHG (MCLG)	Result Type	Fluidized Bed Reactors (FBR) ³	Oliver P. Roemer Filtration Facility ⁴	Blending ⁷ Treatment	Ion Exchange Perchlorate Treatment ⁵	Violation Yes/No	Major Sources in Drinking Water
OTHER PARAMETERS											
pH	2024-2025	pH Units	No Standard	N/A	Range Average	7.1-8.1 7.8	6.9-8.0 7.4	N/A N/A	7.7-7.8 7.8	No	Characteristic of water.
Total Alkalinity (as CaCO ₃)	2024-2025	mg/L	No Standard	N/A	Range Average	150-190 165	66-160 119	N/A N/A	120-160 140	No	Naturally occurring.
Calcium	2024-2025	mg/L	No Standard	N/A	Range Average	42-68 53	N/A N/A	N/A N/A	66-68 67	No	Erosion of salt deposits in soil and rock.
Hardness	2024-2025	mg/L	No Standard	N/A	Range Average	140-200 172	N/A N/A	N/A N/A	190-200 195	No	Hardness is the sum of polyvalent cations present in the water, generally magnesium and calcium. The cations are usually naturally occurring.
Magnesium	2024-2025	mg/L	No Standard	N/A	Range Average	6.7-9.5 8.0	N/A N/A	N/A N/A	6.8-6.9 6.8	No	Erosion of salt deposits in soil and rock.
Sodium	2024-2025	mg/L	No Standard	N/A	Range Average	11-14 12	N/A N/A	N/A N/A	NR 15	No	Sodium refers to the salt present in the water and is generally naturally occurring.

2025 West Valley Water District Water Quality Report - Water Treatment Plants

Parameter	Sample Date ¹	Units	Notification Level	PHG (MCLG)	Result Type	Fluidized Bed Reactors (FBR) ³	Oliver P. Roemer Filtration Facility ⁴	Blending ⁷ Treatment	Ion Exchange Perchlorate Treatment ⁵	Violation Yes/No	Major Sources in Drinking Water	Health Effects
PFAS												
Perfluorobutane sulfonic acid [PFBS] ⁵	2025	ng/L	500	N/A	Range Average	2.5-5.0 3.1	N/A N/A	N/A N/A	ND-0.97 ND	No	Industrial facilities, landfills, treatment plants, stain-resistant carpeting, nonstick cookware, grease and waterproof food packaging, fabric softeners, waterproof clothing, cosmetics.	Perfluorobutane sulfonic acid exposures resulted in decreased thyroid hormone in pregnant female mice.
Perfluorohexane Sulfonic Acid [PFHxS] ⁵	2025	ng/L	3.0	N/A	Range Average	2.2-8.3 5.8	N/A N/A	N/A N/A	ND-0.87 0.41	No	Industrial facilities, landfills, treatment plants, stain-resistant carpeting, nonstick cookware, grease and waterproof food packaging, fabric softeners, waterproof clothing, cosmetics.	Perfluorohexane sulfonic acid exposures resulted in decreased total thyroid hormone in male rats.
Perfluorooctanoic Acid [PFOA]	2025	ng/L	5.1	0.007	Range Average	2.0-5.1 2.7	N/A N/A	N/A N/A	ND-0.88 ND	No	Industrial facilities, landfills, treatment plants, stain-resistant carpeting, nonstick cookware, grease and waterproof food packaging, fabric softeners, waterproof clothing, cosmetics.	Perfluorooctanoic acid exposures resulted in increased liver weight and cancer in laboratory animals.
Perfluorooctanesulfonic Acid [PFOS]	2025	ng/L	6.5	1.0	Range Average	ND-1.3 ND	N/A N/A	N/A N/A	NR ND	No	Industrial facilities, landfills, treatment plants, stain-resistant carpeting, nonstick cookware, grease and waterproof food packaging, fabric softeners, waterproof clothing, cosmetics.	Perfluorooctanesulfonic acid exposures resulted in immune suppression and cancer in laboratory animals.

1. DDW allows us to monitor for some contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of our data, though representative, are more than one year old. For sample points that were monitored during the current reporting year, the current reporting year data was used. If a sampling point did not have monitoring data for the reporting year, the most current data was used. Contaminant results are based on the most current data for each sampling point.

2. Compliance with secondary standards are based on an annual average. Values above the MCL are acceptable, as long as the average is below the MCL.

3. FBR includes Plant Effluent, Rialto Well 6 and WVWD Well 11.

4. Roemer includes Plant Effluent, Combined Filter Effluent, State Project Water, Lytle Creek and Zone 5-3 Reservoir.

5. Ion Exchange includes Well 41 and Well 42 raw and treated water.

6. Results are from the distribution system.

7. Blending Wells 1A, 4A, and 5A at Reservoir 4-3.

AL - Regulatory Action Level; LRAA - Locational Running Annual Average; MCL - Maximum Contaminant Level; MCLG - Maximum Contaminant Level Goal; MRDL - Maximum Residual Disinfectant Level; MRDLG - Maximum Residual Disinfectant Level Goal; ND - Non-Detected; NL - Notification Level; NR - No Range; N/A - Not Applicable; NTU - Nephelometric Turbidity Units; PHG - Public Health Goal; RAA - Running Annual Average; TON - Threshold Odor Number

EDUCATIONAL INFORMATION



The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Contaminants and Their Presence in Drinking Water

Contaminants that may be present in source water include:

- Microbial contaminants, such as viruses and bacteria that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- Inorganic contaminants, such as salts and metals, that can be naturally-occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- Pesticides and herbicides that may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses.
- Organic chemical contaminants, including synthetic and volatile organic chemicals, that are byproducts of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, agricultural application, and septic systems.
- Radioactive contaminants that can be naturally-occurring or be the result of oil and gas production and mining activities.

Contaminants Expected in Drinking Water

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk.

More information about contaminants and potential health effects can be obtained by calling the U.S. EPA's Safe Drinking Water Hotline (1-800-426-4791).

In order to ensure that tap water is safe to drink, the U.S. EPA and the State Water Board prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. U.S. Food and Drug Administration regulations and California law also establish limits for contaminants in bottled water that provide the same protection for public health.





People Most Vulnerable to Contaminants

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, persons with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. U.S. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).

Contaminant Information

Nitrate in drinking water at levels above 10 mg/L is a health risk for infants of less than six months of age. Such nitrate levels in drinking water can interfere with the capacity of the infant's blood to carry oxygen, resulting in a serious illness; symptoms include shortness of breath and blueness of the skin. Nitrate levels above 10 mg/L may also affect the ability of the blood to carry oxygen in other individuals, such as pregnant women and those with certain specific enzyme deficiencies. If you are caring for an infant, or you are pregnant, you should ask advice from your health care provider. Nitrate levels may rise quickly for short periods of time because of rainfall or agricultural activity.

While your drinking water meets the federal and state standard for arsenic, it does contain low levels of arsenic. The arsenic standard balances the current understanding of arsenic's possible health effects against the costs of removing arsenic from drinking water. The U.S. EPA continues to research the health effects of low levels of arsenic, which is a mineral known to cause cancer in humans at high concentrations and is linked to other health effects, such as skin damage and circulatory problems.

Lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. WVWD is responsible for providing high quality drinking water and removing lead pipes but cannot control the variety of materials used in plumbing components in your home. You share the responsibility for protecting yourself and your family from the lead in your home plumbing. You can take responsibility by identifying and removing lead materials within your home plumbing and taking steps to reduce your family's risk. Before drinking tap water, flush your pipes for several minutes by running your tap, taking a shower, doing laundry or a load of dishes. You can also use a filter certified by an American National Standards Institute (ANSI) accredited certifier to reduce lead in drinking water.

If you are concerned about lead in your water and wish to have your water tested, contact WVWD Water Quality Department email jharmon@wvwd.org. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available at www.epa.gov/safewater/lead. You may also view the District's customer service line inventory at www.wvwd.org/servicelineinventory.

SOURCE WATER PROTECTION TIPS

for Consumers

Protection of drinking water is everyone's responsibility. You can help protect your community's drinking water source in several ways:



Eliminate excess use of lawn and garden fertilizers and pesticides – they contain hazardous chemicals that can reach your drinking water source.



Pick up after your pets.



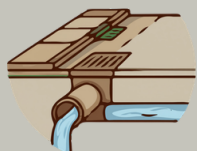
If you have your own septic system, properly maintain your system to reduce leaching to water sources or consider connecting to a public water system.



Dispose of chemicals properly; take used motor oil to a recycling center.



Volunteer in your community. Find a watershed or wellhead protection organization in your community and volunteer to help. If there are no active groups, consider starting one. Use U.S.EPA's Adopt Your Watershed to locate groups in your community or visit the Watershed Information Network's How to Start a Watershed Team.



Organize a storm drain stenciling project with your local government or water supplier. Stencil a message next to the street drain reminding people "Dump No Waste – Drains to River" or "Protect Your Water". Produce and distribute a flyer for households to remind residents that storm drains dump directly to your local water body.

WATER CONSERVATION TIPS

for Consumers

Did you know that the average U.S. household uses approximately 400 gallons of water per day or 100 gallons per person per day? Luckily, there are many low-cost and no-cost ways to conserve water.

Small changes make a big difference – try one today and soon it will become second nature.

- Take short showers – a 5-minute shower uses four to five gallons of water compared to up to 50 gallons for a bath.
- Shut off water while brushing your teeth, washing your hair, and shaving and save up to 500 gallons a month.
- Use a water-efficient showerhead. They are inexpensive, easy to install, and can save you up to 750 gallons a month.
- Run your clothes washer and dishwasher only when they are full. You can save up to 1,000 gallons a month.
- Water plants only when necessary.
- Fix leaking toilets and faucets. Faucet washers are inexpensive and take only a few minutes to replace. To check your toilet for a leak, place a few drops of food coloring in the tank and wait. If it seeps into the toilet bowl without flushing, you have a leak. Fixing it or replacing it with a new, more efficient model can save up to 1,000 gallons a month.
- Adjust sprinklers so only your lawn is watered. Apply water only as fast as the soil can absorb it and during the cooler parts of the day to reduce evaporation.
- Teach your kids about water conservation to ensure a future generation that uses water wisely. Make it a family effort to reduce next month's water bill.
- Visit wwd.org/conservation for more water saving tips.
- Visit www.epa.gov/watersense for more information.



WVWD IN THE COMMUNITY

Annual STEM Day Event

As part of our ongoing commitment to community outreach and education, WVWD proudly hosts events such as our annual STEM Day celebration where we welcome high school students from surrounding School Districts to our headquarters. WVWD staff provide engaging, hands-on experience exploring the world of water. Students learn where our water comes from, how it's treated, and discover career pathways in the industry.



SoCal STEAM Challenge

The SoCal STEAM Challenge gathers high school students from across the Inland Empire to build and race solar powered boats and is dedicated to cultivating a sustainable future by empowering the next generation of sustainability leaders in Southern California. Through education and advocacy, SoCal STEAM aims to instill a deep understanding of the value of Earth's resources, with a focus on water and energy, and their critical role in sustaining our communities and ecosystems, ensuring that young minds lead the way in sustainable innovation and environmental responsibility.



Education Programs

WVWD offers annual programs that inspire future water leaders and encourage lifelong water-saving habits. WVWD's poster contest and scholarship program help raise awareness and spark student interest in water conservation. WVWD also offers classroom visits to teach about conservation. Together, these programs help nurture the next generation of water stewards, empowering young minds to protect and value our water resources for years to come.



WVWD IN THE COMMUNITY

CAREERS IN WATER

WVWD is proud to invest in the next generation of water leaders. Our staff enjoys connecting with students throughout our service area, from elementary school through college, by inspiring curiosity about careers in the water industry and strengthening our ties to the community we serve. In addition to classroom presentations, WVWD participates in career fairs and provides educational materials and brochures to engage and inform our community.



DISTRICT TOURS

Whether hosting legislative leaders or welcoming community members, WVWD is proud to offer tours that showcase the infrastructure behind our water system and show where all the “magic” happens. These tours provide a behind-the-scenes look at how we deliver reliable water every day. With the expansion of our Roemer Facility, WVWD is excited to offer even more opportunities for tours and community engagement in the future.



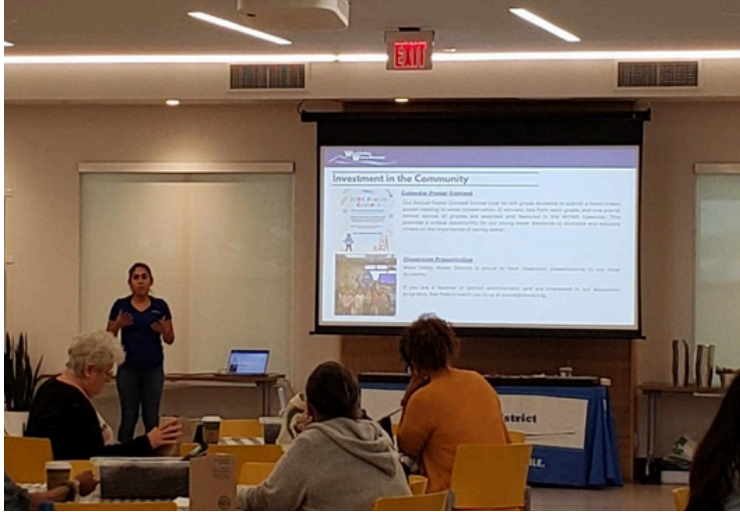
COMMUNITY OUTREACH

Recognizing the importance of community engagement, WVWD participates in local community events as part of its outreach initiatives. These events serve as a platform to interact directly with the community it serves, by providing essential resources such as water-saving devices, educational materials, and information. WVWD aims to raise awareness about the importance of responsible water usage during these events. In addition, WVWD provides community sponsorships, underscoring our commitment to being more than just a water supplier, but a true partner within our communities.



COMMUNITY RESOURCES

WVWD is proud to offer our customers free resources that promote water conservation throughout our community!



Hands-on and Technical Workshops

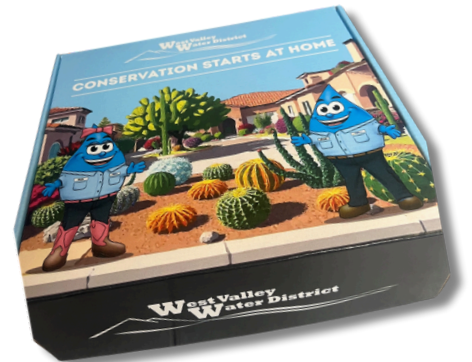
Community members are encouraged to join us for our diverse offering of workshops throughout the year. Topics include how to care for drought-tolerant plants, turf conversion, and much more!

Water Conservation Kit

Get the tools you need to help reduce at-home water usage!

This **FREE** water conservation kit provides tools and devices that can improve your water efficiency at home.

Visit www.wvwd.org/waterconservationkit to get yours today!



Find Us at a Community Event Near You!

Our team of water professionals are here to provide resources! You can normally find us at your local community event, answering questions, sharing information, and passing out **FREE** water saving devices.

Stop by and say hi the next time you see us out!

Water Saver Word Search

A S F Q J V V V Q V D T M D F
I G S X W E Q X G O R T M H I
M W K K H S W Q D F I L R F N
F I X W B T H A F J P E L I D
W V Z N Z L E O T R S S Y W R
R Q L W D N I R W E L Y R R J
R F M E A R T O E E R V T E X
H E A P R S N O T D R H Y N K
J F E U C G T M I I R H M C W
O G C Z C L G E M L G W E H J
A P A Z C E C C Q L E H I A M
P E U L P A T H E S C T T N D
I D Y Z L K N L E P D A H E G
P G E Q N O A Y W C N R A C N
E L G B S G N J H K K J N E E

WATER
GALLON
LEAK
TOILET
TIGHTEN
FAUCET
SHOWERHEAD
WRENCH
PIPE
DRIP
FIND
FIX
WASTE
CHECK

TAKE THE WATER SAVER PLEDGE!

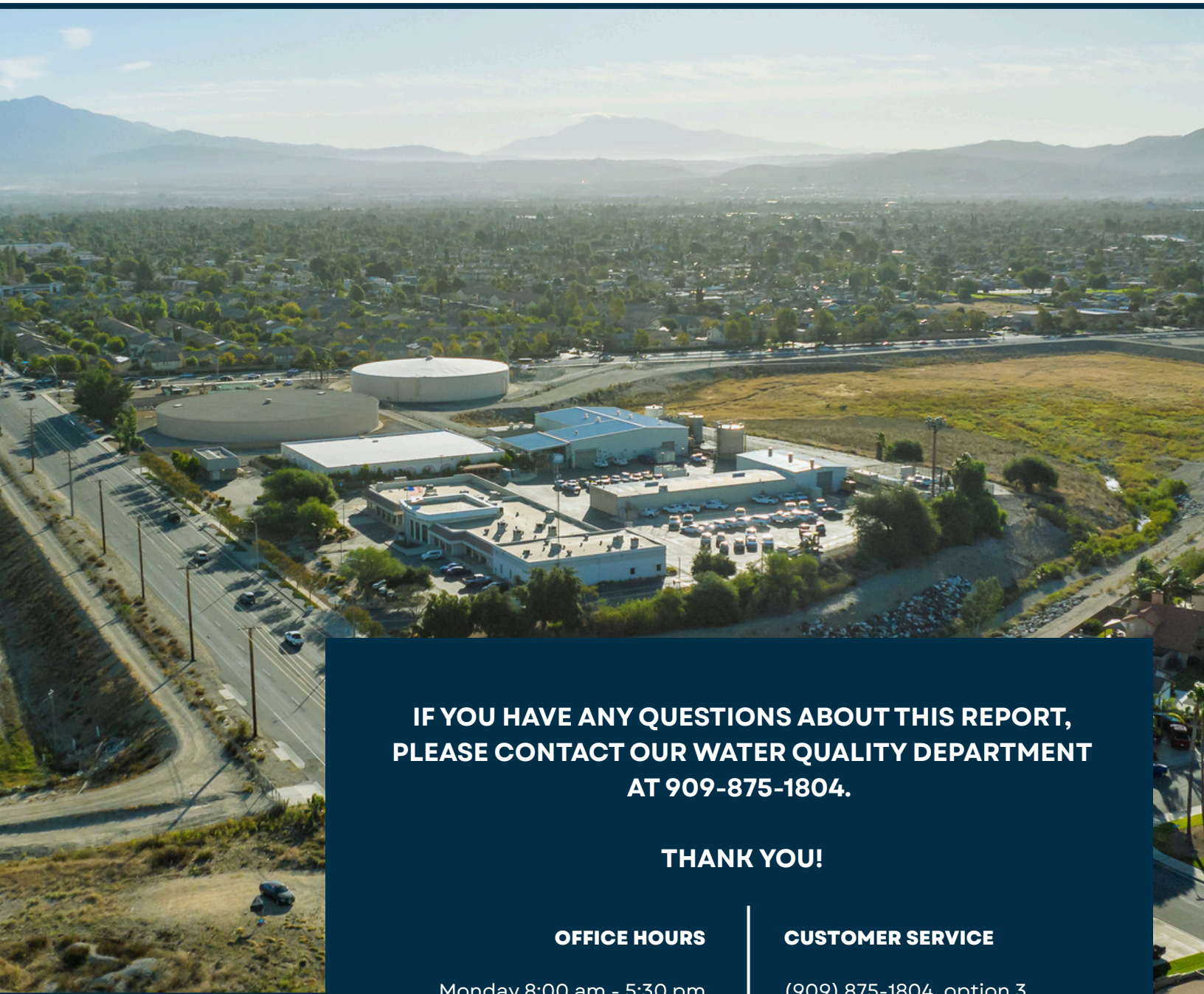
WITH CREEK AND HALLE!



I pledge to conserve water every day, use it wisely, not waste it away.
I will save every drop I can, every day of the week, Here is my plan!

I promise to:





**IF YOU HAVE ANY QUESTIONS ABOUT THIS REPORT,
PLEASE CONTACT OUR WATER QUALITY DEPARTMENT
AT 909-875-1804.**

THANK YOU!

OFFICE HOURS

Monday 8:00 am - 5:30 pm
Tuesday 9:00 am - 5:30 pm
Wednesday 8:00 am - 5:30 pm
Thursday 8:00 am - 5:30 pm
Friday 8:00 am - 5:30 pm

CUSTOMER SERVICE

(909) 875-1804, option 3
customerservice@wwd.org

EMERGENCY SERVICES:

(909) 875-1804, option 7



STAFF REPORT

DATE: June 4, 2026
TO: Board of Directors
FROM: Rocky Welborn, Director of Engineering
SUBJECT: Ordinance No. 93 of the West Valley Water District Implementing California Assembly Bill 1572 Prohibiting the use of Potable Water for the Irrigation of Nonfunctional Turf

STRATEGIC GOAL:

Strategic Goal 7 – Realize Health, Safety, and Regulatory Compliance; Objective 7A - Prepare for and Comply with Evolving Water Regulations

MEETING HISTORY:

Special Engineering, Operations and Planning Committee Meeting - 04.29.2026
Regular Board of Directors Meeting - 05.21.2026 - First Reading and Public Hearing

BACKGROUND:

San Bernardino County is subject to recurring drought conditions and limited imported water supplies, making long-term water use efficiency critical to the health, safety, and welfare of the District's customers.

California Assembly Bill 1572 (AB 1572), as codified in the California Water Code sections 110 and 10608.14, declares the use of potable water to irrigate non-functional turf as wasteful and prohibits its use for the irrigation of nonfunctional turf at commercial, industrial, and institutional properties, other than a cemetery, and on properties of homeowners' associations, common interest developments, and community service organizations or similar entities, with certain limited exceptions.

AB 1572 requires the District revise or adopt an ordinance to include the described state-mandated prohibitions and communicate the requirements to their customers on or before January 1, 2027.

DISCUSSION:

AB 1572 requires all water retailers to adopt the compliant nonfunctional turf prohibition by ordinance or resolution by January 1, 2027. Staff, in coordination with the District's legal counsel, developed the proposed Ordinance attached in this Staff Report to comply with AB 1572.

Attached as **Exhibit A** is the Draft Ordinance of the West Valley Water District implementing California Assembly Bill 1572 Prohibiting the Use of Potable Water for the Irrigation of Nonfunctional Turf. The Ordinance includes the following elements:

- Definitions of non-functional turf

- Identifies the District Responsibility referencing the District's existing Rules and Regulations
- A description of the Nonfunctional turf prohibition requirements
- Allowable exceptions and exclusions
- Certification requirements for large commercial, industrial, and institutional customers
- Enforcement options for the District
- Establishing an appeals process
- Other administrative processes

These provisions will be applicable to all customers of the District. The District shall provide notice via the District's website, bill inserts, and other traditional means.

The District's legal council recommended a first and second reading of the proposed Ordinance. The first reading and a public hearing occurred at the Regular Board of Directors Meeting on May 21, 2025, this staff report represents the second reading.

FISCAL IMPACT:

There is no fiscal impact.

REQUESTED ACTION:

Staff recommends to the Board of Directors to:

1. Approve the adoption of an Ordinance titled - Ordinance of the West Valley Water District implementing California Assembly Bill 1572 Prohibiting the Use of Potable Water for the Irrigation of Nonfunctional Turf;
2. Authorize the General Manager to execute all necessary documents.

Attachments

[Adopt Ordinance of the WVWD Implementing CA Assembly Bill 1572 - Copy.pdf](#)

ORDINANCE NO. 93

AN ORDINANCE OF THE WEST VALLEY WATER DISTRICT IMPLEMENTING CALIFORNIA ASSEMBLY BILL 1572 PROHIBITING THE USE OF POTABLE WATER FOR THE IRRIGATION OF NONFUNCTIONAL TURF

WHEREAS, Water Code section 31027 authorizes the District to adopt ordinance regarding the restrictions, prohibitions, and exclusions of water use; and

WHEREAS, California Assembly Bill 1572 (AB 1572), as codified in the California Water Code sections 110 and 10608.14, declares the use of potable water to irrigate non-functional turf as wasteful and prohibits its use for the irrigation of nonfunctional turf at commercial, industrial, and institutional properties, other than a cemetery, and on properties of homeowners' associations, common interest developments, and community service organizations or similar entities, with certain limited exceptions; and

WHEREAS, AB 1572 requires the District revise or adopt an ordinance to enforce the state-mandated prohibitions under Water Code section 10608.14; and

WHEREAS, San Bernardino County is subject to recurring drought conditions and limited imported water supplies, making long-term water use efficiency critical to the health, safety, and welfare of the District's customers; and

WHEREAS, implementing AB 1572 locally ensures compliance with State law, conserves water, and provides clear guidance for District customers.

BE IT ORDAINED BY THE BOARD OF DIRECTORS OF THE WEST VALLEY WATER DISTRICT:

SECTION 1. INCORPORATION OF RECITALS

The Recitals set forth above are incorporated herein, are made findings and determination of the Board of Directors, and are an operative part of this Ordinance.

SECTION 2. DEFINITIONS

For the purposes of this Ordinance, the following definitions shall apply:

“Common area” means that portion of a common interest development or of a property owned or managed by a HOA or a community service organization or

similar entity that is not assigned or allocated to the exclusive use of the occupants of an individual dwelling unit within the property.

“Commercial property” means any real property, or portion of real property, that is used or occupied primarily for commercial purposes, including the provision or distribution of a product or service, whether for profit or not for profit, and whether or not open to the general public.

“Common interest development” means a community apartment project, condominium project, a planned development or stock cooperative.

“Community service organization or similar entity” means a nonprofit entity, other than an association, that is organized to provide services to residents of the common interest development or to the public in addition to the residents, to the extent community common area or facilities are available to the public. It does not include an entity that has been organized solely to raise moneys and contribute to other nonprofit organizations that are qualified as tax exempt under Section 501(c)(3) of the Internal Revenue Code and that provide housing or housing assistance.

“Community space” means an area designated by a property owner or a governmental agency to accommodate human foot traffic for civic, ceremonial, or other community events or social gatherings.

“Disadvantaged community” means a community with an annual median household income that is less than 80 percent of the statewide annual median household income.

“Functional turf” means a ground cover surface of turf located in a recreational use area or community space.

“Homeowners’ association” or **“HOA”** means a nonprofit corporation or unincorporated association created for the purpose of managing a common interest development.

“Industrial Property” means any real property, or portion of real property, that is used or occupied primarily by a manufacturer or processor of materials within North American Industry Classification System (NAICS) sectors 31 to 33, inclusive; or an entity primarily engaged in research and development.

“Institutional Property” means any real property, or portion of real property, that is used or occupied primarily for public service purposes, including, without limitation, higher education institutions, schools, courts, churches, hospitals, government facilities, and nonprofit research institutions.

“Nonfunctional turf” means any turf that is not functional turf.

“Potable water” means water suitable for human consumption.

“Recreational use area” means an area designated by a property owner or a governmental agency to accommodate human foot traffic for recreation, including,

but not limited to, sports fields, golf courses, playgrounds, picnic grounds, or pet exercise areas. This recreation may be either formal or informal.

“**Turf**” means a living ground cover surface of mowed grass. This includes but is not limited to cool, warm-season, hybrid or crossover varieties, and those engineered to be drought resilient.

SECTION 3. RESPONSIBILITY

The customer of the District whose name is on the account shall be responsible for compliance with the provisions of this Ordinance.

SECTION 4. EXISTING RULES AND REGULATIONS

This Ordinance is supplemental to and does not repeal or replace any other current District rule or regulation concerning water conservation or restrictions, unless explicitly stated. The requirements herein do not affect any other limits on watering hours, responsibilities to fix leaks or breaks, or any other activities in which water may be used within the District.

SECTION 5. PROHIBITION

- A. The use of potable water for the irrigation of nonfunctional turf located on commercial, industrial, and institutional properties, other than a cemetery, and on properties of homeowners’ associations, common interest developments, and community service organizations or similar entities is prohibited as follows:
1. All properties owned by the Department of General Services, beginning January 1, 2027;
 2. All properties owned by local governments, local or regional public agencies, and public water systems, except those specified in paragraph (5), beginning January 1, 2027;
 3. All other institutional properties and all commercial and industrial properties, beginning January 1, 2028;
 4. All common areas of properties of homeowners’ associations, common interest developments, and community service organizations or similar entities, beginning January 1, 2029; and
 5. All properties owned by local governments, local public agencies, and public water systems in a disadvantaged community, beginning January 1, 2031, or the date upon which a state funding source is made available to fund conversion of nonfunctional turf on these properties to climate-appropriate landscapes, whichever is later.

B. Nonfunctional turf includes, but is not limited to, the following:

1. Turf located within street rights-of-way and parking lots;
2. Turf on narrow strips (10 ft wide or less) next to sidewalks, fences, or buildings;
3. Turf that is purely ornamental;
4. Turf at entries, signage areas, or gateways;
5. Turf on steep slopes at a 25% grade or more;
6. Common areas of homeowners' associations, common interest developments, and community service organizations or similar entities that are not otherwise designated as a recreational use area or community space; and
7. Turf which is enclosed by fencing or other barriers to permanently preclude human access for recreation or assembly.

SECTION 6. EXCEPTIONS AND EXCLUSIONS

The restrictions on potable water use in the section above do not apply to:

- A. Residential properties; residential customers may continue to irrigate turf subject to the District's water conservation ordinance;
- B. Cemeteries;
- C. Community spaces;
- D. Recreational use areas;
- E. Irrigation necessary to ensure the health of trees and other perennial nonturf vegetation, or to the extent necessary to address an immediate health and safety need;
- F. The State Water Resources Control Board has the authority to postpone compliance deadlines for certain persons, institutions, or businesses (e.g., due to hardship, critical business need, or health/safety concerns).

SECTION 7. CERTIFICATION FOR LARGE COMMERCIAL, INDUSTRIAL, AND INSTITUTIONAL PROPERTIES

- A. Pursuant to Water Code section 10608.14(e)(1), customers with more than 5,000 square feet of irrigated area in commercial, industrial, or institutional property shall

certify their compliance to the State Water Resources Control Board, commencing June 30, 2030, and every three years thereafter through 2039.

- B. Pursuant to Water Code section 10608.14(e)(2), customers with more than 5,000 square feet of irrigated common area that is a homeowners' association, common interest development, or community service organization or similar entity shall certify their compliance to the State Water Resources Control Board, commencing June 30, 2031, and every three years thereafter through 2040.
- C. Proof of certification shall be provided to the District in a manner prescribed by the General Manager, or designee.

SECTION 8. ENFORCEMENT

- A. The General Manager, or designee, shall administer and enforce this Ordinance.
- B. Enforcement actions are cumulative and may include one or more of the following:
 - 1. Written notice of non-compliance or Notice of Violation;
 - 2. Installation of a flow-restricting device in the meter at customer's expense; or
 - 3. Pursuant to the District's authority under Water Code § 377, fines:
 - a. One hundred dollars (\$100.00) for a first violation;
 - b. Two hundred dollars (\$200.00) for a second violation of any provision of this ordinance within one year of the prior violation; and
 - c. Five hundred dollars (\$500.00) for each additional violation of this ordinance within one year of the prior violation.

SECTION 9. APPEALS

Any customer subject to enforcement action under this Ordinance may file an appeal with the District within thirty (30) days of receiving a Notice of Violation. Appeals shall be considered by the Board of Directors, whose decision shall be final.

SECTION 10. CEQA COMPLIANCE

Based upon the whole of the administrative record before it, the Board of Directors hereby finds that adoption of this Ordinance is exempt from environmental review under the California Environmental Quality Act ("CEQA") (Pub. Res. Code, § 21000 et seq.)

pursuant to State CEQA Guidelines (Cal. Code Regs., tit. 14, § 15000 et seq.) sections 15061(b)(3) and 15378(b)(5).

SECTION 11. SEVERABILITY

If any section, subsection, sentence, clause, or phrase of this Ordinance is held to be invalid or unconstitutional, such decision shall not affect the validity of the remaining portions of this Ordinance.

SECTION 12. EFFECTIVE DATE

This Ordinance shall become effective immediately upon adoption, subject to the effective date set forth in Section 5.

PASSED, APPROVED, AND ADOPTED THIS ___ DAY OF MAY, 2026.

BOARD OF DIRECTORS

KELVIN MOORE
President of Board of Directors
West Valley Water District

ATTEST:

KARA JOHNSON
Acting Board Secretary

CERTIFICATION

I, Kara Johnson, Acting Board Secretary of the West Valley Water District, do hereby certify that the foregoing Ordinance No. 93 was duly adopted by the Board of Directors of the West Valley Water District at a regular meeting held on May _____, 2026, by the following vote:

AYES: BOARD MEMBERS:
NOES: BOARD MEMBERS:
ABSENT: BOARD MEMBERS:
ABSTAIN: BOARD MEMBERS:

Dated:

Kara Johnson
Acting Board Secretary
West Valley Water District



STAFF REPORT

DATE: June 4, 2026
TO: Board of Directors
FROM: Rocky Welborn, Director of Engineering
SUBJECT: Quitclaim for an Overlying Easement on APN 0239-031-52 and 0239-031-56 for Tract 20407 East Sycamore

STRATEGIC GOAL:

Strategic Goal 3 - Develop and Grow Effective Communication and Advocacy Practices; Objective 3B - Present the District as a Proactive Community Partner

MEETING HISTORY:

Special Engineering, Operations and Planning Committee Meeting - 05.26.2026

BACKGROUND:

Pharris Sycamore Flats, LLC ("Applicant") is currently in the entitlement process with the County of San Bernardino for the development of a new 171-unit single family residential project near Glen Helen Parkway and Clearwater Parkway in the District's northern service area. As part of their process, it was determined that an existing undefined pipeline easement from 1907 to the Fontana Development Company overlays the project area. Fontana Development Company is an early predecessor Semi-Tropic Land and Water Company, and West Valley Water District ("District").

The facilitate the development of the future project the Applicant has requested the District consider quitclaiming the easement back to to the Applicant.

DISCUSSION:

Staff has reviewed this Applicant's request and did not identify District owned facilities or infrastructure within the proposed quitclaim area, determining that the release of the easement will not impact the District's ongoing operations.

A quitclaim transfers or releases only the interest, rights, or claims the District currently possesses in the property or easement, without providing any warranty or guarantee that the title is valid, unencumbered, or free from defects. The proposed quitclaim, relinquishes the Districts rights to the easement to Pharris Sycamore, LLC.

A figure depicting the location of the project area is attached as **Exhibit A** along with the Quitclaim Deed labeled **Exhibit B**.

FISCAL IMPACT:

The Applicant will pay the District the minimum fee of \$500 for the release of overlying right of ways and easements per the District's Rules and Regulations, in addition to document and plan check fees.

REQUESTED ACTION:

Staff recommends to the Board of Directors to:

1. To approve the request to Quitclaim the overlying easement on the subject parcels (APN's 0239-031-52 and 0239-031-56).

Attachments

[Exhibit A - Aerial Map.pdf](#)

[Exhibit B - Quitclaim Deed.pdf](#)

EXHIBIT A

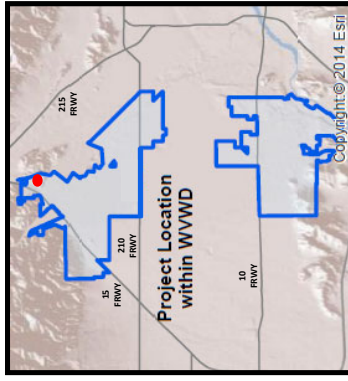


Exhibit A
TRACT 20407
APN 0239-031-25 and 0239-031-56



EXHIBIT B

When recorded mail to:
Lytle Development Company
2050 Mains St. Suite 250
Irvine, CA 92614

(SPACE ABOVE THE LINE FOR RECORDER'S OFFICE USE ONLY)

Project: A.P.N. 0239-031-52, 0239-031-56

QUITCLAIM DEED

FOR VALUABLE CONSIDERATION, receipt of which is hereby acknowledged, **West Valley Water District**, a county water district, as successor in interest to the Semi-Tropic Land and Water Company, does hereby remise, release and forever quitclaim to Pharris Sycamore Flats, LLC all right, title and interest in those certain easement rights granted or reserved in the real property described below pursuant to that certain document dated December 30, 1907, and recorded on January 31, 1908, in Book 409, Page 218 of Deeds of San Bernardino County, California, described in Exhibit "A" and depicted in Exhibit "B" attached hereto and incorporated herein by this reference, located in the County of San Bernardino, State of California.

Dated _____, 2026

WEST VALLEY WATER DISTRICT,
a county water district

By _____
John Thiel, General Manager

By _____
Kara Johnson, Acting Board Secretary

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA)
)
COUNTY OF SAN BERNARDINO) ss

On _____ before me, _____, a Notary Public, personally appeared _____, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal. (Seal)

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA)
)
COUNTY OF SAN BERNARDINO) ss

On _____ before me, _____, a Notary Public, personally appeared _____, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal. (Seal)

EXHIBIT A

LEGAL DESCRIPTION

Real property in the unincorporated area of the County of San Bernardino, State of California, described as follows:

Parcel 1: (APN: [0239-031-52-0-000](#))

All that portion of the tract of land or rancho known and designated as the MUSCUIABE RANCHO, in the County of San Bernardino, State of California, as per plat recorded in [Book 7 of Maps, Page 23](#), records of said County, particularly described as follows:

Beginning at Station 4, in the West boundary line of said rancho; thence North 8 deg. West, 18.00 chains (1188.00 feet) to Station 5; thence North 54 deg. East, 44 chains to Station 6; thence South 78 deg. East, 14 chains to Station 7; thence North 39 deg. East, 4 chains to Station 8; thence North 1 deg. 30' East, 26 chains to station 9; thence leaving said line and following the courses and distances as delineated upon a map showing subdivision of lands belonging to the SEMITROPIC LAND AND WATER COMPANY, as per plat recorded in [Book 6 of Maps, Page 12](#), records of said County, South 15 deg. 55' East, 20.52 chains to a stake marked no. VIII; thence South 11 deg. 35' East, 6.72 chains to a stake marked no. VII; thence South 19 deg. 45' East, 41.77 chains to a stake marked no. VI; thence South 10 deg. 37' West, 137 feet to a point; thence North 83 deg. 47' West, 4675.5 feet to the Point of Beginning.

Except that portion described as:

Beginning at Station 6, Rancho Muscupiabe; thence South 78 deg. 30' East along the North line of said rancho, 359 feet; thence South 11 deg. 30' West, 61 feet; thence North 68 deg. 09' West, 363.89 feet to the Point of Beginning.

Also except those portions conveyed to the State of California for highway by Deed recorded December 26, 1967, in [Book 6947, Page 231](#), Official Records; and by Deed recorded August 30, 1974, in [Book 8506, Page 177](#), Official Records.

Also excepting therefrom any portion lying Westerly of the Easterly line of the property conveyed to the State of California by Deed recorded December 26, 1967, in [Book 6947, Page 231](#), Official Records.

Also excepting therefrom that portion of Lot 37, MUSCUIABE RANCHO, as per plat recorded in [Book 1, Page 24](#), Official Records; and in [Book 7, Page 23](#), Official Records of said County, said portion lying within Section 4, Township 1 North, Range 5 West, San Bernardino Base and Meridian, said portion being described as follows:

Beginning at corner "M-8" of the MUSCUIABE RANCHO, as per plat recorded in [Book 1 of Maps, Page 24](#), and in [Book 7 of Maps, Page 23](#), records of said County, said corner being also delineated on that certain Map recorded April 18, 1966, in [Book 25, Page 17](#), Records of Survey, in the Office of the Recorder of said County; thence continuing along said rancho line North 01 deg. 35' 39" East (record North 1 deg. 13' 56" East), a distance of 1,733.41 feet (record 1,741.53 feet) to corner "M-9" of said rancho; thence South 09 deg. 50' 37" East (record North 10 deg. 06' 24" West), a distance of 1,814.28 feet to Semi-Tropic Corner VIII as delineated on said Record of Survey as "Semi-Tropic Cor. VIII "; thence South 12 deg. 20' 55" East (record North 12 deg. 36' 42" West), a distance of 185.46 feet to a 1-inch iron pipe, said pipe being delineated on the aforesaid Record of Survey as "FD. 1 "I.P. - Semi-Tropic Cor. VII "; thence North 89 deg. 34' 37" West, a distance of 401.54 feet; thence North 01 deg. 35' 39" East, a distance of 233.00 feet, more or less, to the aforesaid corner" M-8 "of said rancho and the true Point of Beginning.

Also excepting therefrom all that portion of the tract of land or rancho known and designated as the MUSCUPIABE RANCHO, in the County of San Bernardino, State of California, as per plat recorded in Book 7 of Maps, Page 23, records of said County; and all that portion of Section 4, Township 1 North, Range 5 West, San Bernardino Base and Meridian, according to government survey, described as follows:

Beginning at a point on the Easterly line of the property conveyed to the State of California by Deed recorded December 26, 1967, in [Book 6947, Page 231](#), Official Records, said point is South 1 deg. 13' 56" West, 2085.0 feet and North 43 deg. 00' 00" West, 2,172.00 feet, plus or minus from station 8 in the West boundary line of MUSCUPIABE RANCHO, as per plat recorded in [Book 7 of Maps, Page 23](#), records of San Bernardino County, California; thence South 43 deg. 00' 00" East, a distance of 2,172.00 feet, plus or minus; thence North 1 deg. 13' 56" East, a distance of 2,085.00 feet to said station 8; thence South 28 deg. 33' 13" West, a distance of 263.55 feet to station 7; thence North 78 deg. 58' 12" West, a distance of 564.95 feet; thence South 11 deg. 01' 48" West, a distance of 108.47 feet to the Southerly line of Devore Cut-off Road; thence North 62 deg. 59' 57" West to said Easterly line of property conveyed to the State of California; thence Westerly and Southerly along said state property to the true Point of Beginning.

Also excepting therefrom all that portion thereof condemned to the County of San Bernardino by final order out of the Superior and Municipal Courts of California, County of San Bernardino - Central District, Case No. 13055, recorded June 19, 1997, Instrument No. [97-217597](#), Official Records.

Also excepting therefrom all that portion thereof conveyed to the County of San Bernardino in Grant Deed recorded June 8, 2005, Instrument No. [20050410336](#), Official Records.

Also excepting therefrom water right as reserved in the Quitclaim Deed recorded October 31, 2014 as Instrument No. [2014-0409281](#), of Official Records.

Also excepting therefrom all oil, mineral, gas and other hydrocarbon substances below a depth of 500 feet under said land, without right of surface entry, as conveyed to Drh Energy, Inc., a Colorado Corporation, in Deed recorded April 12, 2016 as Instrument No. [2016-0136997](#), of Official Records.

Together with that portion of vacated CLEARWATER PARKWAY, pursuant to that certain Document entitled County of San Bernardino board of supervisors Resolution No. 2018 - 69 recorded June 04, 2018 as Instrument No. [2018-0202330](#) of Official Records.

Parcel 2: (APN's: [0239-031-56-0-000](#))

That portion of CLEARWATER PARKWAY, variable width, as described in County of San Bernardino Board of Supervisor's Resolution No. 2005-091 recorded June 21, 2005 as Document No. [2005-0440211](#) Official Records of said County, State of California, and as said description is corrected in County of San Bernardino Board of Supervisor's Resolution No. 2014-98 recorded September 9, 2014 as Document No. [2014-0331685](#) Official Records of said County, said corrected description being an attachment to said Resolution 2014-98 on file in the Office of the Clerk of the Board of said County, said portion of CLEARWATER PARKWAY lying Northeasterly of the Southwesterly line of that parcel of land described in that certain Corporation Grant Deed to said County recorded June 3, 1986 as Document No. [86-144203](#) Official Records of said County, said Southwesterly line of said County Parcel also being the common boundary line of Parcel 4 as described in Grant Deed recorded December 30, 1998 as Document No. [19980557386](#), and said portion also lying Easterly and Southerly of the following described line:

Beginning at the intersection of the centerline of CLEARWATER PARKWAY as described in that certain Grant of Easement to said County recorded June 8, 2005 as Document No. [2005-0410339](#) Official Records of said County, and the Southwesterly line of said County Parcel, said intersection being the same as the Point of Beginning as described in said Resolution Nos. 2005-091 and 2014-98;

Thence along said common boundary of said County Parcel and said Parcel 4, South 42° 25' 06" East a distance of 97.71 feet to a point being 83.00 feet right of said centerline, said point also being the true Point of Beginning;

Thence leaving said common boundary, North 16° 50' 35" East a distance of 52.00 feet to a point that is 84.00 feet right of said centerline;

Thence North 15° 13' 27" East a distance of 72.00 feet to a point being 86.00 feet right of said centerline;

Thence North 14° 23' 28" East a distance of 24.00 feet to a point being 87.00 feet right of said centerline;

Thence North 59° 15' 59" East a distance of 62.47 feet to a point being 133.15 feet right of said centerline;

Thence North 01° 49' 06" West a distance of 25.00 feet to a point being 127.33 feet right of said centerline;

Thence continuing North 01° 49' 06" West a distance of 25.00 feet to a point being 121.52 feet right of said centerline;

Thence North 46° 11' 32" West a distance of 29.80 feet to a point being 96.29 feet right of said centerline;

Thence North 17° 22' 56" East a distance of 107.00 feet to a point being 107.00 feet right of said centerline;

Thence North 14° 27' 30" East a distance of 61.00 feet to a point being 110.00 feet right of said centerline;

Thence North 18° 12' 07" East a distance of 70.00 feet to a point being 118.00 feet right of said centerline;

Thence North 18° 49' 13" East a distance of 40.00 feet to a point being 123.00 feet right of said centerline;

Thence North 15° 53' 15" East a distance of 27.00 feet to a point being 125.00 feet right of said centerline;

Thence North 12° 40' 52" East a distance of 61.60 feet to an intersection with the Westerly prolongation of that certain line having a bearing and distance of "North 88° 26' 20" West, 150.66 feet" as described in said corrected description of said Resolution No. 2014-98;

Thence along said Westerly prolongation, South 88° 26' 20" East a distance of 23.56 feet to the Westerly terminus of said line described as "North 88° 26' 20" West, 150.66 feet";

Thence along said line described as "North 88° 26' 20" West, 150.66 feet", South 88° 26' 20" East to the Easterly terminus thereof, said point being the Northerly terminus of that certain line having a bearing and distance of "North 01° 48' 50" East, 940.18 feet" as described in said Resolution No. 2014-98, said point also being Point of Terminus.

Excepting therefrom all that portion of CLEARWATER PARKWAY lying Northerly of a line that is 30.00 feet

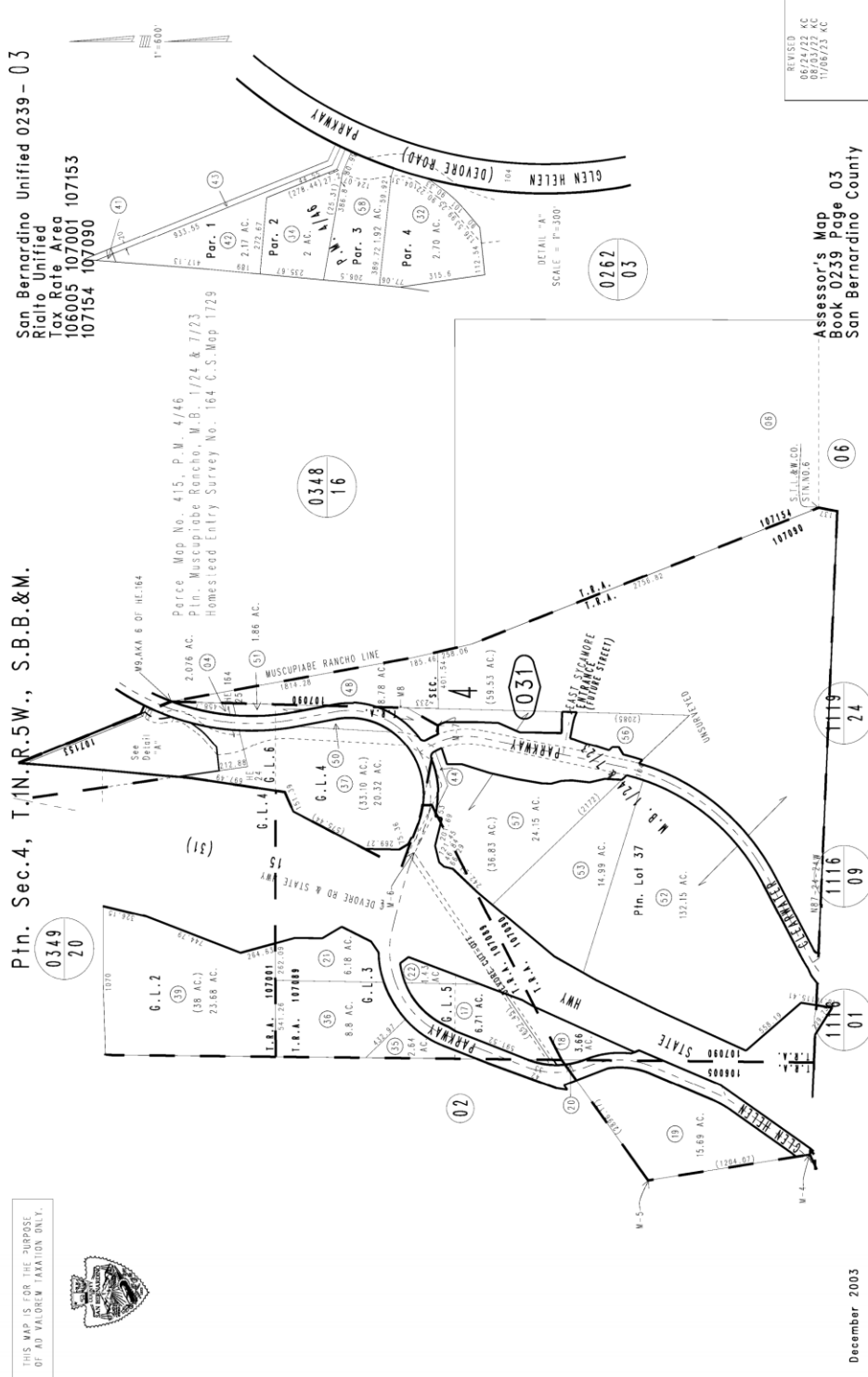
Southerly of and parallel and concentric with the following described centerline of a future street currently known as East sycamore entrance:

Beginning at a point on said centerline of CLEARWATER PARKWAY that is North $11^{\circ} 38' 22''$ East a distance of 438.03 feet along said centerline as measured from the Southerly terminus of that certain line having a bearing and distance of "North $11^{\circ} 38' 22''$ East 1053.18 feet" as described in said Document No. [2005-0410339](#);

Thence leaving said centerline of CLEARWATER PARKWAY, South $78^{\circ} 21' 38''$ East a distance of 235.66 feet to the beginning of a curve concave Southwesterly having a radius of 300.00 feet;

Thence Southeasterly along said curve through a central angle of $78^{\circ} 21' 38''$ an arc distance of 410.29 feet to the Point of Terminus.

EXHIBIT B





STAFF REPORT

DATE: June 4, 2026
TO: Board of Directors
FROM: Rocky Welborn, Director of Engineering
SUBJECT: Water System Infrastructure Installation and Conveyance Agreement with Lennar Homes of California, LLC for Tract 20407 East Sycamore

STRATEGIC GOAL:

Strategic Goal 1 - Manage and Deliver a Safe, Reliable, and Sustainable Water Supply; Objective 1A - Increase System Capacity for Anticipated Growth

MEETING HISTORY:

Special Engineering, Operations and Planning Committee Meeting - 05.26.2026

BACKGROUND:

Lennar Homes of California, LLC ("Developer") is the owner of land located south of the intersection of Glen Helen Parkway and Clearwater Parkway, in the unincorporated area of San Bernardino County, known as Tract 20407 East Sycamore ("Development"). The project proposes the development of 98 acres of vacant land into a master planned community with 171 single family residential lots and 2 parks. The Development will require the relocation of an existing 12" - Zone 8 waterline into dedicated street right of way, along with the extension of nearly 10,000 lineal feet of 8" - Zone 7 waterline to provide domestic, irrigation and fire water service to the tract.

DISCUSSION:

West Valley Water District ("District") and the Developer wish to enter into a Developer-Installed Water System Infrastructure Installation and Conveyance Agreement ("Agreement") to construct the water facilities needed to supply water to the Development. This Agreement outlines the responsibilities of the Developer in constructing facilities, including insurance, indemnification and bonding requirements as well as conveyance and acceptance of the water system by the District. Included as **Exhibit A** is a copy of the Water System Infrastructure Installation and Conveyance Agreement for this development which also includes the location of the Development.

FISCAL IMPACT:

None.

REQUESTED ACTION:

Staff recommends to the Board of Directors to:

1. Approve the Water System Infrastructure Installation and Conveyance Agreement with Lennar Homes of California, LLC for Tract 20407 East Sycamore.
2. Authorize the General Manager to execute all necessary documents.

Attachments

[Exhibit A - WICA.pdf](#)

Attachment A

WATER SYSTEM INFRASTRUCTURE INSTALLATION AND CONVEYANCE AGREEMENT

This water system infrastructure installation and conveyance agreement (“Agreement”) is entered into and effective as of _____ by and between **Lennar Homes of California, LLC** (“Developer”), and WEST VALLEY WATER DISTRICT (“District”) who agree as follows:

The Developer is the owner of certain land described as **Tract 20407 East Sycamore** and as more fully (or further) shown on Exhibit "A". In developing this land, the Developer is desirous of obtaining a public water supply adequate for domestic uses and public fire protection purposes and is desirous of integrating that water system into the District’s public water system.

In order to provide facilities for a water supply to said land, it is the intention of the parties to this Agreement that the Developer shall furnish and install those water mains, fire hydrants, service laterals, water meters and valves, valve boxes, and all other appurtenant fittings and facilities required for a complete water system to serve the land shown on Exhibit "A".

In order to implement the foregoing and in consideration of the terms and conditions herein contained, the parties further agree as follows:

1. DESIGN

1.1. Developer shall design and construct, at the Developer's sole expense, the water facilities and appurtenances required to serve the development in accordance with final District-approved plans known as **Tract 20407 East Sycamore**, as approved and attached herein as Exhibit "B" and in accordance with District-approved design standards and specifications, and the terms and conditions of this Agreement.

1.2. The water system design shall be by a Professional Engineer registered in the State of California, and in accordance with the District's Rules and Regulations, latest edition (the “Rules and Regulations”), the District's Standards for Domestic Water Facilities and Standard Drawings herein included by reference, all applicable District ordinances and policies and all City, County, State of California, and Federal laws, ordinances, rules, regulations, codes and other legal requirements of all government bodies having jurisdiction over said construction and property (all of the foregoing requirements in this paragraph being collectively referred to herein at times as “Legal Requirements”).

1.3. The District, at Developer's expense, shall review Developer's plans for the purpose of ensuring the adequacy of the design and conformance with the District's standards and specifications. The District reserves the right to add, delete, modify, change or amend any or all the plans and specifications.

1.4. In the event that the property to be developed includes multiple residential, condominiums, commercial or industrial uses, all site plans, grading plans, improvement plans, and any available plumbing plot plans shall be furnished to the District by Developer.

1.5. The District makes no warranties as to the correctness, accuracy or completeness of the plans and specifications. The accuracy, adequacy, suitability, and correctness of the water system design shall be the sole responsibility of the Developer.

2. CONSTRUCTION

2.1. Developer shall perform, or caused to be performed, all construction of the water system infrastructure installation pursuant to the approved water system plans, legal requirements, and other applicable requirements.

2.2 The performance of this Agreement shall commence within ninety (90) calendar days from the executed date of this Agreement and shall be completed within one (1) year from the estimated construction start date.

2.3. Time is of the essence in this Agreement; provided that, in the event good cause is shown therefore, the general manager of the District (“General Manager”) may extend the time for completion of the water system installation. Any such extension may be granted without the notice to Developer's surety, and extensions so granted shall not relieve the surety's liability on the bond to secure faithful performance of this Agreement. The General Manager shall be the sole and final judge as to whether or not good cause has been shown to entitle Developer to an extension.

2.4. The Developer and its contractor and subcontractors shall attend a pre-construction meeting with the District no less than two (2) working days prior to commencement of construction.

2.5. No work on water facilities shall commence prior to the completion of all required curbs and gutters.

3. LICENSES AND PERMITS

3.1. Developer, and all of Developer’s contractors and subcontractors warrants it possesses, or shall obtain, and maintain during the term of this Agreement any and all licenses, permits, qualifications, insurance and approval of whatever nature that are legally required of Developer, its contractors, and all subcontractors to practice its profession, skill or business.

3.2. The work to be performed under this Agreement, except meter installations by the District, shall be performed by Developer, or a contractor or subcontractor who is pre-approved by the District and is licensed under the laws of the State of California in the specialty Class of “C-34” Pipeline or Class “A” General Engineering. A copy of the contract between Developer and the selected pre-approved contractor and all subcontractors shall be submitted to the District for review and approval attached herein as Exhibit “C”.

3.3. Excavation/resurfacing permits shall be secured by Developer at Developer's expense. Permits/easements to install, maintain and operate water system facilities in private property shall be secured by Developer at Developer's sole expense prior to construction.

3.4. Developer shall, at Developer's sole expense, be responsible for obtaining and adhering to a National Pollution Discharge Elimination System (NPDES) permit from the Regional Water Quality Board as required for construction or pipeline flushing and disinfection.

3.5 Developer shall, at Developer's sole expense, be responsible for obtaining and adhering to the California Environmental Quality Act.

4. INSURANCE REQUIREMENTS

4.1. The following insurance requirements have been adopted by the District and shall be applicable to this Agreement. These requirements supersede the insurance requirements set forth in any other reference of the District, and to the extent of any conflict, the specified requirements herein shall prevail.

4.2. Developer shall ensure that Developer's contractors conform to the following insurance requirements and that all required documents are submitted to the District at the time of Agreement submittal: Developer shall ensure that its contractors and all subcontractors shall purchase and maintain insurance in amounts equal to the requirements set forth in (a) through (d) below, and shall not commence work under this Agreement until all insurance required under this heading is obtained in a form acceptable to the District, nor shall Developer allow any contractor or subcontractor to commence construction pursuant to a contract or subcontract until all insurance required of the contractor and any subcontractors has been obtained.

a. General Liability: Developer shall ensure that its contractor and all subcontractors shall maintain during the life of this Agreement, a standard form of either Comprehensive General Liability insurance or Commercial General Liability insurance ("General Liability Insurance") providing the following minimum limits of liability: Combined single limit of \$1.0 million per occurrence for bodily injury, including death, personal injury, and property damage with \$2.0 million minimum aggregate, separate for this project as evidenced by endorsement. The insurance shall include coverage for each of the following hazards: Premises-Operations; Owners and Contractors Protective; Broad Form Property Damage contractual for Specific Contract; Severability of Interest or Cross-Liability; XCU Hazards; and Personal Injury – With the "Employee" Exclusive Deleted.

b. Automotive/Vehicle Liability Insurance: Developer shall ensure that its contractor and all subcontractors shall maintain a policy of automotive/vehicle liability insurance on a commercial auto liability form covering owned, non-owned and hired automobiles providing the following minimum limits of liability: Combined single limit of liability of \$1.0 million per accident for Bodily Injury, Death and Property Damage ("Automotive/Vehicle Liability Insurance").

c. Workers' Compensation Insurance: Developer shall ensure that its contractor and all subcontractors shall provide such workers' compensation insurance with statutory minimum amounts of coverage, as required by the California *Labor Code* and other applicable law, and including employer's liability insurance with a minimum limit of \$1,000,000.00 ("Workers' Compensation Insurance"). Such Workers' Compensation Insurance shall be endorsed to provide for a waiver of subrogation against the District.

d. Excess Liability: Developer shall ensure that its contractor and all subcontractors shall provide a policy providing excess coverage in a face amount necessary when combined with the primary insurance, to equal the minimum requirements for General Liability Insurance and Automotive/Vehicle Liability Insurance.

4.3. The insurances provided for in Section 4.2 and its subsections above are subject to all of the following conditions:

a. The insurance shall be issued and underwritten by insurance companies acceptable to the District, and shall be licensed by the State of California to do business on the lines of insurance specified. The insurers must also have an "A-" Policyholder's rating" and a "financial rating" of at least Class VII in accordance with the most current A.M. Best's Rating Guide.

b. Developer's contractor and subcontractors may satisfy the limit requirements in a single policy or multiple policies. Any such additional policies written as excess insurance shall not provide any less coverage than that provided by the first or primary policy.

c. Any costs associated with a self-insured program, deductibles, or premium rating programs that determine premium based on loss experience shall be for the account of Developer, Developer's contractor and subcontractors, and the District shall not be required to participate in any such loss. If any such programs exist, Developer, Developer's contractor and subcontractors, agree to protect and defend the District in the same manner as if such cost provisions were not applicable.

d. Developer shall ensure that its contractor and all subcontractors shall have presented at the time of execution of the Agreement, the original policies of insurance and a certificate of insurance naming the District as the certificate holder and that such coverage is in force and complies with the terms and conditions outlined herein.

e. If an insurance policy contains a general policy aggregate of less than the minimum limits specified, then the policy coverage shall be written with limits applicable solely to this Agreement, as specified, and shall not be reduced by or impaired by any other claims arising against Developer. These policy limits shall be set forth by separate endorsement to the policy.

4.4. Each such policy of General Liability Insurance and Automotive/Vehicle Liability Insurance shall contain endorsements providing the following:

a. The District, their board members, officers, agents, employees, consultants, and engineers, are hereby declared to be additional insureds under the terms of this policy, but only with respect to the operations of the Developer at or upon any of the premises of the District in connection with the Agreement with the District, or acts or omissions of the additional insureds in connection with, but limited to its general supervision or inspection of said operations and save for any claims arising from the sole negligence or sole willful misconduct the District.

b. No policy shall be canceled, limited, materially altered, or non-renewed by the insurer until thirty (30) days after receipt by the District of a written notice of such cancellation or reduction in coverage.

c. This insurance policy is primary insurance and no insurance held or owned by the designated additional insureds shall be called upon to cover a loss under this policy.

5. BONDING REQUIREMENTS

5.1. Developer shall obtain a cost proposal for the approved water improvement plans from a pre-approved Contractor attached herein as Exhibit "C". The cost proposal will be submitted to the District for review and approval, and shall be used as the basis for bonding requirements for the water system described in the plans provided to the District by the Developer and approved for construction by the District.

5.2. Performance Bond: The cost proposal for the water system improvements for **Tract 20407 East Sycamore**, is (DEVELOPER TO PROVIDE AT LATER DATE) no/100 dollars (DEVELOPER TO PROVIDE AT LATER DATE). Developer shall and by this Agreement does guarantee the Developer's faithful performance of this Agreement and all of its terms and conditions by providing the following: Developer shall provide the District with a performance bond, from a surety institution licensed by the State of California and authorized to do and doing business in said State, valid and renewable until such improvements are accepted by the District. The performance bond attached herein at Exhibit "D", shall be in the amount of (DEVELOPER TO PROVIDE AT LATER DATE) equal to 100 percent of the cost proposal.

5.3. Warranty Bond: The pre-approved Contractor shall furnish a two-year warranty bond for all work completed in accordance with the approved water improvement plans attached herein as Exhibit "B". Before District's acceptance of the completed water facilities and appurtenances, such facilities and appurtenances shall be free from any and all liens and encumbrances and free from any and all defects in the materials or construction thereof. The two-year warranty shall be a warranty bond beginning on the date of acceptance of the water facilities by the District and shall be in the amount of (DEVELOPER TO PROVIDE AT LATER DATE) equal to 100 percent of the Contractor's cost proposal.

6. MATERIALS

6.1. The water system facilities to be installed pursuant to this Agreement shall become an extension of the distribution system of the District. All materials used must conform to District specifications for such materials pursuant to all applicable legal requirements.

7. NOTICES

7.1. All notices herein required shall be in writing, and delivered in person or sent by registered mail, postage prepaid.

7.2. Notices required shall be given to the **District** addressed as follows:

WEST VALLEY WATER DISTRICT
Attn: General Manager
Post Office Box 920
Rialto, CA 92377
RE: Tract 20407 East Sycamore

7.3. Notices required shall be given to **Developer** addressed as follows:

DEVELOPER NAME: Lennar Homes of California, LLC
ATTN TO: Geoffrey Smith, Vice President
ADDRESS: 4140 Temescal Canyon Rd, Suite 410
Corona, CA 92883
RE: Tract 20407 East Sycamore

7.4. Notices required shall be given to **Surety** addressed as follows:

SURETY NAME:
ATTN TO:
ADDRESS
RE: Tract 20407 East Sycamore

7.5. Provided that any party or Surety may change such address by notice in writing to the other party, and thereafter, notices shall be addressed and transmitted to the new address.

7.6. The Developer or its contractor shall provide the District forty-eight (48) hours advance notice of request for inspection or testing.

7.7. The District is closed on the holidays listed in Exhibit "E".

8. NOTICE TO PROCEED TO CONSTRUCT WATER SYSTEM FACILITIES

8.1. Upon acceptance of the insurance and aforementioned bonds in the amounts provided herein and approval by the District and upon payment of all applicable charges, the Agreement shall be signed by Developer and the District. The District shall return an original copy of the signed Agreement with a letter to Developer giving notice to proceed to construct the water system facilities.

9. INSPECTION

9.1. It is understood that the sole purpose and intent of the District's inspection and testing is to validate that the materials, workmanship, and construction of the water facilities are in compliance with the District-approved final plans, the District's Rules and Regulations, the Standards for Domestic Water Facilities, the Standard Drawings, and all other applicable District requirements. Developer acknowledges and represents that it assumes full and sole responsibility for the safety and management of the project.

9.2. Developer shall at all times maintain proper facilities and provide safe access for inspection by the District to all parts of the work and to the shops wherein the work is in preparation. Additionally, in connection with the performance of this Agreement, the District shall have the authority to enter the work site at any time for the purpose of identifying the existence of conditions, either actual or threatened, that may present a danger of hazard to any and all employees. Developer agrees that the District, in its sole authority and discretion, may order the immediate abatement of any and all conditions that may present an actual or threatened danger or hazard to any and all employees at the work site. Furthermore, Developer acknowledges the provisions of California *Labor Code* Section 6400 et seq., which requires that employers shall furnish employment and a place of employment that is safe and healthful for all employees working therein. In the event the District identifies the existence of any condition that presents an actual or threatened danger or hazard to any or all employees at the work site, the District is hereby authorized to order an immediate abatement of that condition.

9.3. All work and materials shall be subject to inspection, testing, and acceptance by the District at Developer's expense. In the event Developer arranges to have materials fabricated for the project, Developer may be required to arrange for the District to inspect that material during fabrication at Developer's expense.

9.4. All material fabrications shall be preapproved by the District and must conform to District standards and specifications.

9.5. The District's inspectors shall have full, unlimited access to perform continuous inspection and have the authority to stop work at any time, by written notice or verbal notice followed by written notice within three (3) working days, without any liability whatsoever to the District, if, in the inspectors' judgment, the work called for by this Agreement, or the District approved plans, or the specifications is not being installed or performed in a satisfactory and workmanlike manner according to District's standards and specifications and/or in the event the materials do not comply with the District's standards and specifications.

9.6. The Developer shall be responsible for insuring the pre-approved contractor performs work with District inspection. If work is done without District inspection, the Contractor shall be responsible for exposing any portion of work as directed by the District at their sole expense. The District will not provide permanent water services until all required inspections are completed and any requirements set forth by the District have been satisfied.

9.7. Final acceptance of all material to be purchased or fabricated by Developer under this Agreement shall be made only with the prior approval of the District. Approval by the District, however, shall not operate to relieve the material supplier or Developer of any guarantees, warranties, or the duty of compliance with any of the requirements of the approved plans and specifications or of this Agreement. All construction pursuant to this Agreement shall be inspected pursuant for conformity with District requirements. Developer shall pay actual costs for inspections.

10. TESTING AND DISINFECTION

10.1. All water system facilities and components constructed pursuant to this Agreement shall adhere to all requirements for testing, disinfection, and flushing pursuant to District standards and Legal Requirements.

11. RELOCATIONS, RECONSTRUCTIONS, AND DAMAGES

11.1. Developer accepts the responsibility for and the costs occasioned by any reconstruction, relocation, damages to, or changes of water services or facilities caused or contributed to directly or indirectly by any subsequent changes in the location of any of said facilities or water meters or water services.

12. AS-CONSTRUCTED DOCUMENTATION

12.1. In order for the District to accept the facilities, Developer shall provide all required documentation as specified in the Standards for Domestic Water Facilities, including as-built drawings.

13. INDEMNIFICATION

13.1. Developer hereby agrees to and shall protect, defend, indemnify and hold the District and its board members, officers, agents, employees, and engineers free and harmless from any and all liability losses, damages, claims, liens, demands and cause of action of every kind and character including, but not limited to, the amounts of judgments, penalties, interests, court costs, attorney's/legal fees, and all other expenses incurred by the District arising in favor of any party, including claims, liens, debts, demands for lost wages or compensation, personal injuries, including employees or the District, death or damages to property (including property of the District) and without limitation by enumeration, all other claims or demands of every character occurring or in any way incident to, in connection with or arising directly or indirectly out of the obligations herein undertaken or out of the operations conducted by Developer save and except claims or litigation arising through the sole negligence or sole willful misconduct of the District or the District's agents and employees. Developer shall investigate, handle, respond to, provide defense for and defend any such claims, demand, or suit at the sole expense of Developer even if the claim or claims alleged are groundless, false or fraudulent. Developer agrees to, and shall defend the District and its members, directors, officers, agents, employees, and engineers from any suits or actions at law or in equity for damages caused, or alleged to have been caused, by reason of any of the aforesaid operations, provided as follows:

a. That the District does not and shall not waive any rights against Developer which it may have by reason of the aforesaid hold harmless agreement, because of the acceptance by the District, or the deposit with District by Developer, or any of the insurance policies described in this Agreement.

b. That the aforesaid hold harmless agreement by Developer shall apply to all damages and claims for damages of every kind suffered, or alleged to have been suffered, by reason of any or the aforesaid operations referred to in this subsection, regardless of whether or not District has prepared, supplied water system installation, or regardless of whether or not such

insurance policies shall have been determined to be applicable to any such damages or claims for damages.

This provision is not intended to create any cause of action in favor of any third party against Developer or the District or to enlarge in any way Developer's liability but is intended solely to provide for indemnification of the District from liability for damage or injuries to third persons or property arising from Developer's performance hereunder.

13.2. Neither Developer nor any of Developer's agents, contractors or subcontractors are, or shall be, considered to be agents of the District in connection with the performance of Developer's obligations under this Agreement.

14. REPAIR OR RECONSTRUCTION OF DEFECTIVE WORK

14.1. If, within a period of two years after final acceptance of the work performed under this Agreement, any structure or part of any structure furnished and/or installed or constructed, or caused to be installed or constructed by Developer, or any of the work done under this Agreement, fails to fulfill any of the requirements of this Agreement or the specifications referred to herein, Developer shall, without delay and without any cost to District, repair or replace or reconstruct any defective or otherwise unsatisfactory part or parts of the work structure. Should Developer fail to act promptly or in accordance with this requirement, or should the exigencies of the situation as determined by the District in the exercise of its sole discretion require repair, replacement or reconstruction before Developer can be notified, District may, at its option, make the necessary repairs or replacements or perform the necessary work, and Developer shall pay to the District the actual cost of such repairs.

15. COSTS AND FEES

15.1. Developer shall be responsible for all fees and deposits as required by the District. All fees and deposits shall be paid in full before construction can take place as outlined in the billing letter (provided separately).

15.2. Any additional costs and fees shall be paid in full prior to conveyance and acceptance of the water system.

16. CONVEYANCE AND ACCEPTANCE OF WATER SYSTEM

16.1. Upon completion of the water system in accordance with the approved water plans and submission of the required documentation, the Developer shall convey the water system to the District.

16.2. The Developer shall be responsible for insuring the pre-approved contractor furnish a warranty bond (One Hundred (100%) of Contractor's cost proposal) for a period of two (2) years as stated in Sections 5.3 of this Agreement, as-built drawings with contractor redlines and AutoCAD files, materials list with quantities, water system cost breakouts, compaction test report signed and sealed by a California Registered Engineer, notice of completion filed with County Recorder's office, fire flow tests of all hydrants, all required easements for water facilities and unconditional financial release from subcontractors and material providers. Upon compliance

with all the terms and conditions of this Agreement, the District shall prepare the Bill of Sale accepting the water facilities and forward same to the address provided herein. Title to the ownership of said facilities and appurtenances shall thereby be conveyed to the District. The District shall thereafter operate and maintain said facilities so as to furnish water service to the development (Exhibit "A") in accordance with the District's ordinances, policies and Rules and Regulations.

17. PERMANENT WATER SERVICE

17.1. In no event shall permanent water services be provided to Developer's installed system until all applicable charges and fees have been paid by Developer and all facilities have been conveyed, free of all encumbrances, to the District, including any easements which may be required. Such conveyance shall occur in a timely manner in accordance with the terms of this Agreement.

18. BREACH OR DEFAULT OF AGREEMENT

18.1. If Developer refuses or fails to obtain prosecution of the work, or any severable part thereof, with such diligence as will insure its completion within the time specified, or any extension thereof, or fails to obtain completion of said work within such time, or if Developer should be adjudged as bankrupt, or Developer should make a general assignment for the benefit of Developer's creditors, or if a receiver should be appointed in the event of Developer's insolvency, or if Developer, or any of Developer's contractors, subcontractors, agents or employees, should violate any of the provisions of this Agreement, the District's General Manager or the General Manager's designee may serve written notice upon Developer and Developer's surety of breach of this Agreement, or of any portion thereof, and default of Developer.

18.2. In the event of any such notice, Developer's surety shall have the duty to take over and complete the work and the improvement herein specified; provided, however, that if the surety, within five (5) days after the serving upon of such notice of breach, does not give the District written notice of its intention to take over the performance of the contract, and does not commence performance thereof within five (5) days after notice to the District of such election, District may take over the work and prosecute the same to completion, by contract or by any other method District may deem advisable, for the account and at the expense of Developer, and Developer's surety shall be liable to the District for any excess cost or damages occasioned District thereby; and, in such event, District, without liability for so doing, may take possession of, and utilize in completing the work, such materials, appliances, plant and other property belonging to Developer as may be on the site of the work and necessary therefore.

19. SUCCESSORS BOUND

19.1. This Agreement shall be binding upon and inure to the benefit of each of the parties and their respective legal representatives, successors, heirs, and assigns.

[SIGNATURES ON NEXT PAGE]

20. ENFORCEMENT OF PROVISIONS

20.1. The District's failure to enforce any provisions of this Agreement or the waiver thereof in any instance shall not be construed as a general waiver or relinquishment on its part of any such provision, but the same shall nevertheless be and remain in full force and effect.

IN WITNESS WHEREOF, the parties hereto execute this Agreement.

WEST VALLEY WATER DISTRICT

By: _____ Date: _____
John Thiel, General Manager

DEVELOPER:

Lennar Homes of California, LLC
a California limited liability company

By: _____ Date: _____
Geoffrey Smith, Vice President
Authorized Agent

Exhibit A

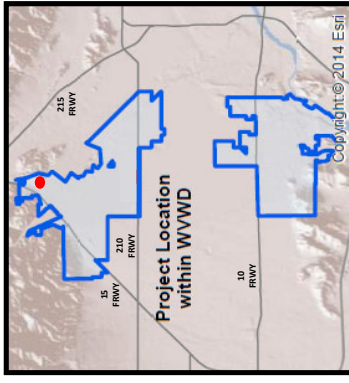
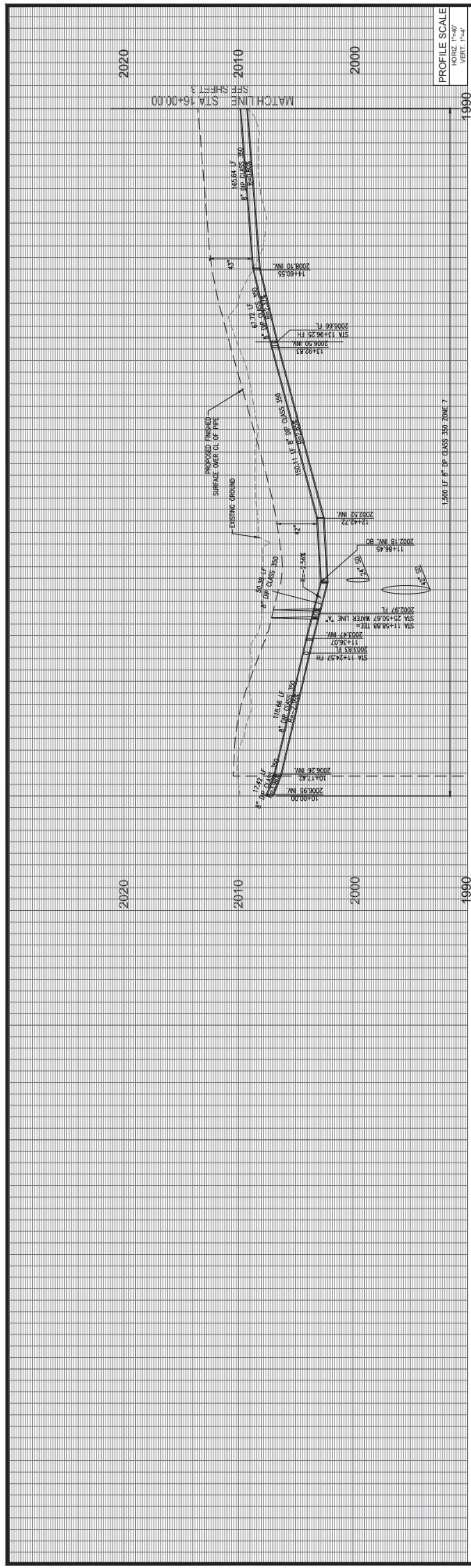


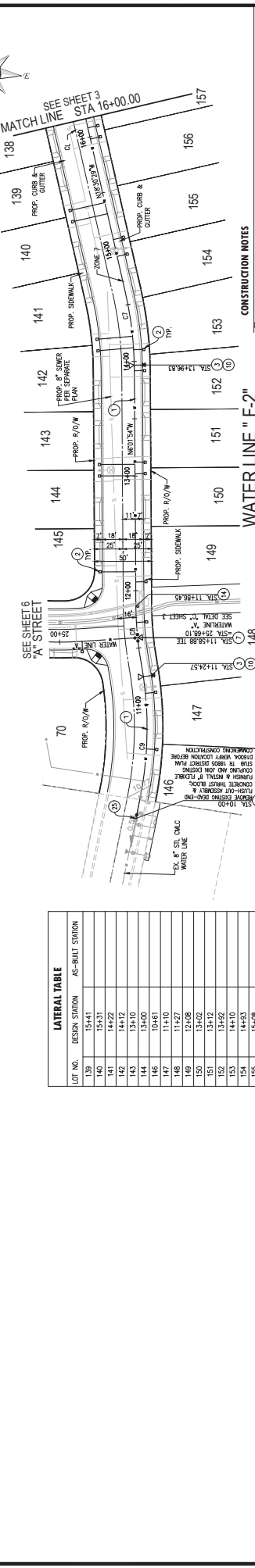
Exhibit A
East Sycamore Flats Tract 20407



Exhibit B



PROFILE SCALE
VERT. 1"=4'



WATER LINE "F-2" ROCKECRESS LANE

CONSTRUCTION NOTES

- 1) FURNISH & INSTALL 8" GLASS 350 FULLY RESTRAINED DP PER STD. W-30
- 2) FURNISH & INSTALL 1" SERVICE LATERAL WITH 1" METER PER WEST VALLEY WATER DISTRICT STANDARD
- 3) FURNISH & INSTALL FRIE HYDRANT ASSEMBLY PER WEST VALLEY WATER DISTRICT STANDARD DRAWING NO. W-7A
- 4) FURNISH & INSTALL 8" FULLY SLOPED GATE VALVE PER STD. W-11
- 5) FURNISH & INSTALL 8" FULLY SLOPED GATE VALVE PER STD. W-11
- 6) FURNISH & INSTALL 8" 45° 3/4" FLANGED TEE
- 7) FURNISH & INSTALL 8" 45° 3/4" FLANGED TEE
- 8) CONSTRUCT CONCRETE THRUST BLOCK PER WEST VALLEY WATER DISTRICT STANDARD DRAWING NO. W-3A
- 9) REMOVE EXISTING BLIND FLANGE AND JOIN EXISTING PIPE
- 10) INSTALL 4" BLOW-OFF ASSEMBLY PER WEST VALLEY WATER DISTRICT STANDARD DRAWING NO. W-7A
- 11) ABANDON EXISTING PVE PER WEST VALLEY WATER DISTRICT STANDARD DRAWING NO. W-29

MANHOLES & VALVE COVERS TO BE FINISHED TO FINISH GRADE DURING PAVING OPERATIONS.

WATER LATERAL CROSSING UNDER DOWN WATER MAINS AND LATERALS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR THE CROSSING.

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MANHOLES & VALVE COVERS TO BE FINISHED TO FINISH GRADE DURING PAVING OPERATIONS.

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MANHOLES & VALVE COVERS TO BE FINISHED TO FINISH GRADE DURING PAVING OPERATIONS.

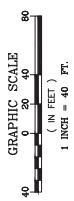
WATER LATERAL CROSSING UNDER DOWN WATER MAINS AND LATERALS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR THE CROSSING.

MANHOLES & VALVE COVERS TO BE FINISHED TO FINISH GRADE DURING PAVING OPERATIONS.

WATER LATERAL CROSSING UNDER DOWN WATER MAINS AND LATERALS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR THE CROSSING.

LOT NO.	DESIGN STATION	AS-BUILT STATION
139	14+00.00	14+00.00
140	14+00.00	14+00.00
141	14+00.00	14+00.00
142	14+00.00	14+00.00
143	14+00.00	14+00.00
144	14+00.00	14+00.00
145	14+00.00	14+00.00
146	14+00.00	14+00.00
147	14+00.00	14+00.00
148	14+00.00	14+00.00
149	14+00.00	14+00.00
150	14+00.00	14+00.00
151	14+00.00	14+00.00
152	14+00.00	14+00.00
153	14+00.00	14+00.00
154	14+00.00	14+00.00
155	14+00.00	14+00.00
156	14+00.00	14+00.00
157	14+00.00	14+00.00

CURVE #	LENGTH	RADIUS	DELTA	TANGENT
C7	67.72'	211.00'	127°28'57"	34.00'
C8	52.38'	288.00'	139°51'17"	28.83'
C9	116.65'	211.00'	27°52'30"	60.80'



WEST VALLEY WATER DISTRICT
WATERLINE IMPROVEMENT PLANS FOR
TRACT NO. 20-007

DATE: 2/7/75
 EXPIRES: 09-30-27
 WIP Number: D24016

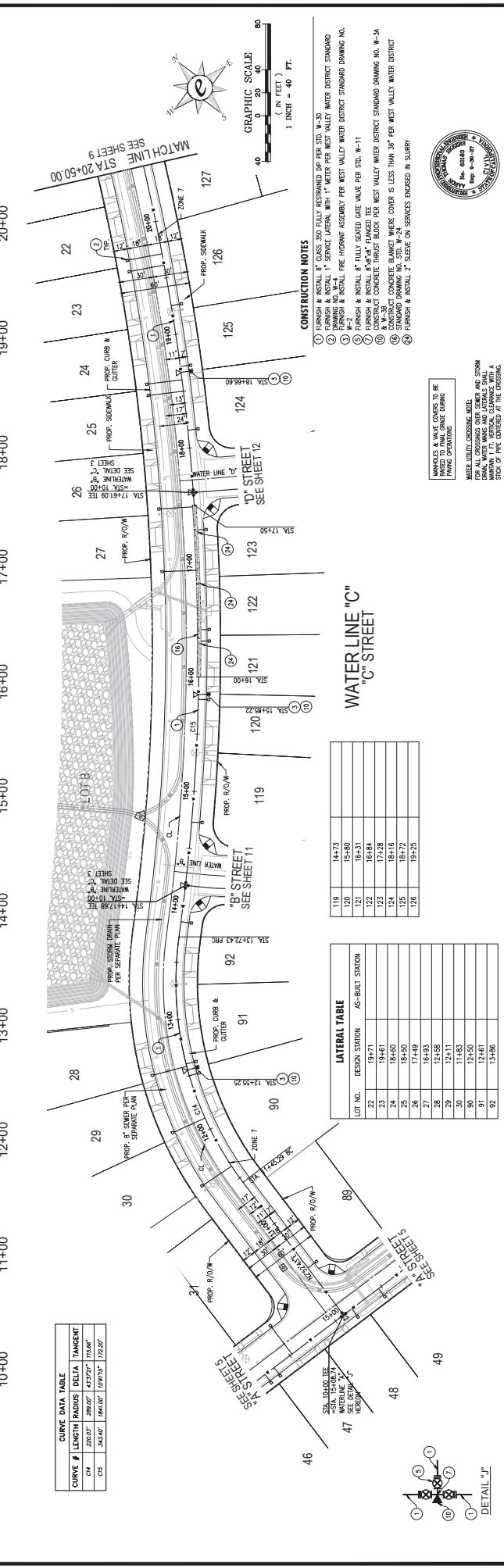
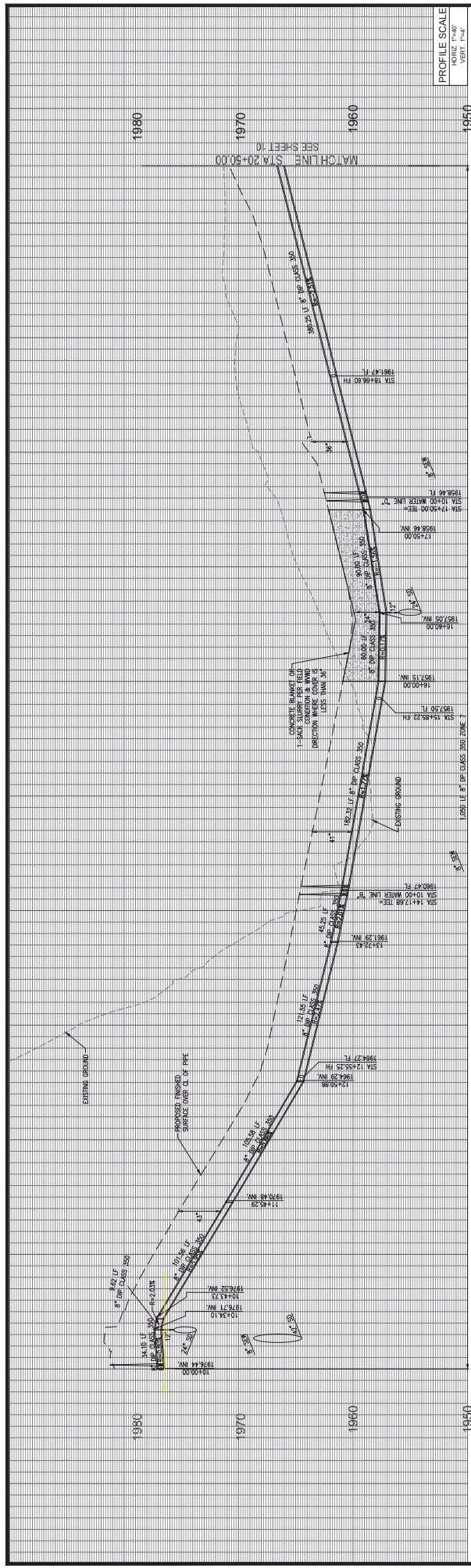
HAZARD: HAZARD H43
 Pressure Zone: 7
 AS SHOWN

APPROVED: _____
 DATE: _____

DESIGNED: _____
 DRAWN: _____

UNDERGROUND SERVICE ALERT
 Call TOLL FREE 1-800-227-2800

CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES AND THE STANDARD SPECIFICATIONS FOR THE CROSSING OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES, INCLUDING BUT NOT LIMITED TO, WATER, GAS, AND TELEPHONE LINES, AND SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL PERSONS AND PROPERTY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL PERSONS AND PROPERTY.



CURVE DATA TABLE

CURVE #	LENGTH	RADIUS	DELTA	TANGENT
C14	330.03'	1800.0'	123.69°	114.66'
C15	344.00'	1800.0'	129.92°	122.20'

LATERAL TABLE

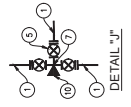
LOT NO.	DESIGN STATION	AS-BUILT STATION
22	19+71	
23	19+81	
24	19+90	
25	19+99	
26	19+99	
27	19+99	
28	19+99	
29	19+99	
30	19+99	
31	19+99	
92	19+99	

119	14+73
120	15+60
121	16+31
122	16+84
123	17+28
124	18+16
125	18+72
126	19+25

CONSTRUCTION NOTES

- FURNISH & INSTALL 8" CLASS 300 FULLY REINFORCED DP PER STD. W-30
- INSTALL 1" SERVICE LATERAL WITH 1" METER PER WEST VALLEY WATER DISTRICT STANDARD DRAWING NO. W-11
- FURNISH & INSTALL FIRE HYDRANT ASSEMBLY PER WEST VALLEY WATER DISTRICT STANDARD DRAWING NO. W-11
- FURNISH & INSTALL 8" FULLY SEALED GATE VALVE PER STD. W-11
- FURNISH & INSTALL 8" 45° FLANGED TEE
- CONCRETE THROUGH PIGGONS PER WEST VALLEY WATER DISTRICT STANDARD DRAWING NO. W-34
- STANDARD DRAWING NO. STD. W-34 WHERE OTHER IS LESS THAN 36" PER WEST VALLEY WATER DISTRICT STANDARD DRAWING NO. STD. W-34
- FURNISH & INSTALL 2" SLEEVE ON SERVICES EMERGED IN SLURRY

MANHOLES & VALVE COVERS TO BE FINISHED WITH CONCRETE DURING PAVING OPERATIONS.
WATER LABEL CROSSING, JETTED, AND STORM DRAIN, WATER MAINS AND LATERALS SHALL BE MARKED WITH REFLECTOR PINS AT 30' INTERVALS AND SHALL BE COLORED TO THE CROSSING.





MANHOLES & WAVE COVERS TO BE INSTALLED AT THE FOLLOWING LOCATIONS DURING PAVING OPERATIONS:
WATER LINE CROSSING: 100' FROM DOWN WATER MAINS AND LATERALS SHALL BE INSTALLED AT THE FOLLOWING LOCATIONS. SIZE OF PIPE CONTROLLED BY THE CROSSING.

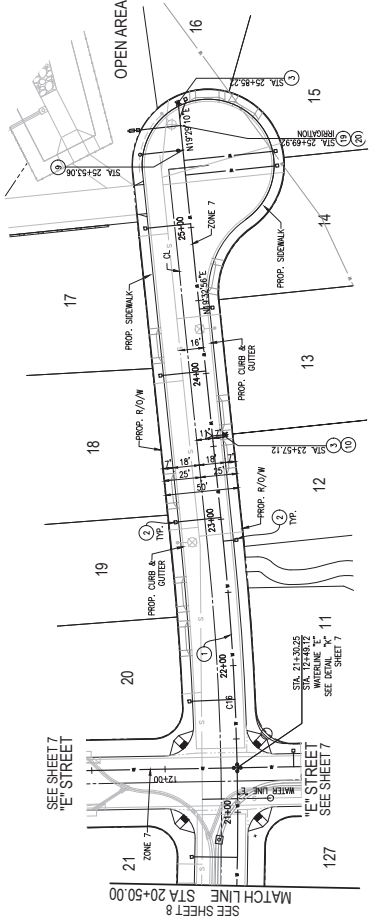
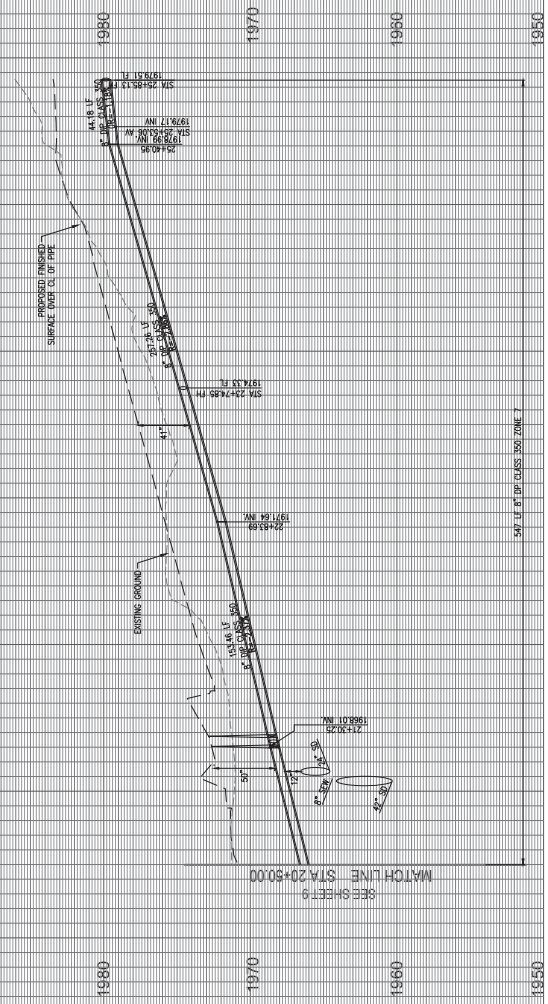
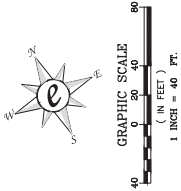
- CONSTRUCTION NOTES**
1. FINISH & INSTALL 12" CLASS 250 FULLY RESPONDED DIP PER STD. W-30
 2. FINISH & INSTALL 12" CLASS 250 FULLY RESPONDED DIP PER STD. W-30
 3. FINISH & INSTALL 12" CLASS 250 FULLY RESPONDED DIP PER STD. W-30
 4. FINISH & INSTALL 12" CLASS 250 FULLY RESPONDED DIP PER STD. W-30
 5. FINISH & INSTALL 12" CLASS 250 FULLY RESPONDED DIP PER STD. W-30
 6. FINISH & INSTALL 12" CLASS 250 FULLY RESPONDED DIP PER STD. W-30
 7. FINISH & INSTALL 12" CLASS 250 FULLY RESPONDED DIP PER STD. W-30
 8. FINISH & INSTALL 12" CLASS 250 FULLY RESPONDED DIP PER STD. W-30
 9. FINISH & INSTALL 12" CLASS 250 FULLY RESPONDED DIP PER STD. W-30
 10. FINISH & INSTALL 12" CLASS 250 FULLY RESPONDED DIP PER STD. W-30

CURVE DATA TABLE

CURVE #	LENGTH	RADIUS	DELTA	TANGENT
1	103.44'	1841.07'	144.92°	78.70'

LATERAL TABLE

LOT NO.	DESIGN STATION	AS-BUILT STATION
12	22+85	
13	24+38	
14	25+38	
15	25+46	
16	25+75	
17	25+03	
18	24+03	
19	24+01	
20	21+77	



WATERLINE "C"
"C" STREET

DETAIL "F"



MANHOLES & WAVE COVERS TO BE INSTALLED AT ALL POINTS OF CONSTRUCTION DURING CONSTRUCTION.

WATER LINE CROSSING UNDER EXISTING HIGHWAY SHALL BE PROTECTED BY A STRUCTURE OF PERMANENT MATERIALS SHALL BE CONSTRUCTED TO THE SATISFACTION OF THE DISTRICT.

IRONPASS ASSOCIATES, INC.
14400 WILLOW BLVD., SUITE 100
DALLAS, TEXAS 75244
PH: 972.441.6911
FAX: 972.441.6911

Project No. 14-0011
Client: WEST VALLEY WATER DISTRICT
Location: HAZARD 1H3
Pressure Zone: 7

DATE: 2/27/15
DATE: 09-30-27
WIP Number: D24016

AS SHOWN

APPROVED

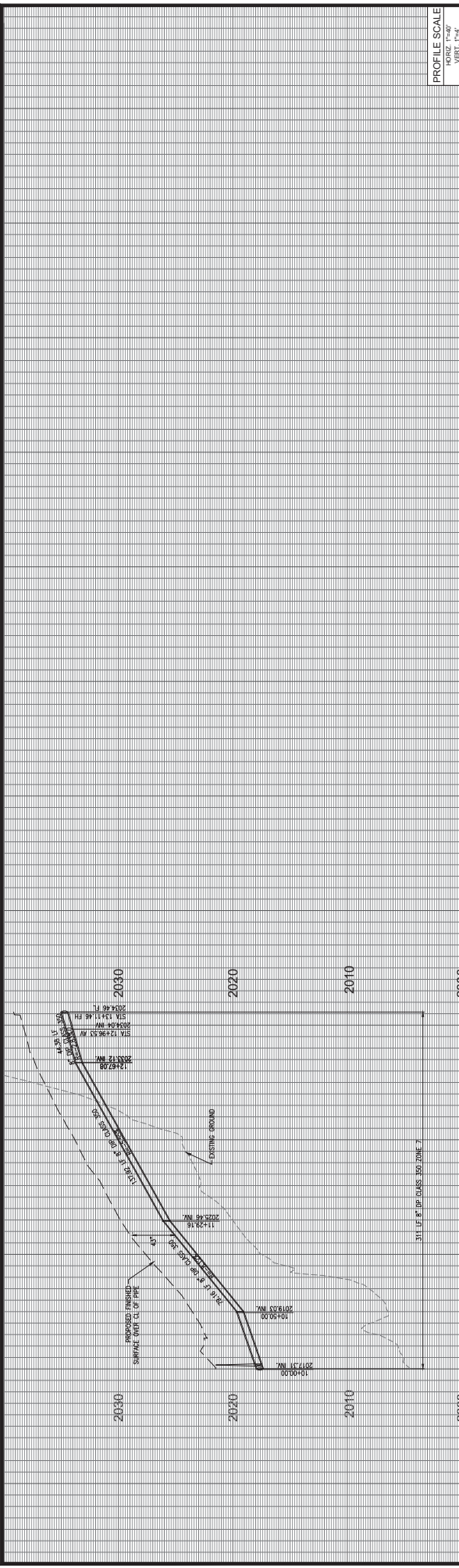
By: _____ Date: _____

Checked: _____ Job No. _____

Drawn: _____

Underground Service Alert
Call TOLL FREE 1-800-227-2800
1-800-227-2800
1-800-227-2800

CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AFFECTED AGENCIES AND AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AFFECTED AGENCIES AND AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AFFECTED AGENCIES AND AGENCIES.



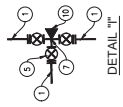
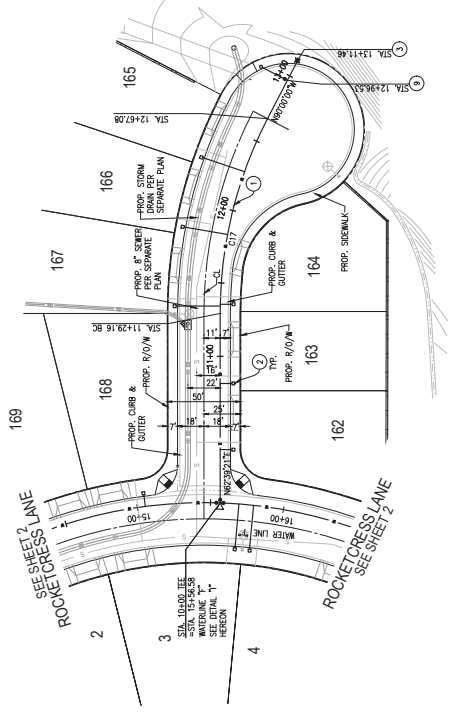
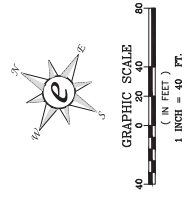
PROFILE SCALE
VERT. 1"=4'

LATERAL TABLE	
LOT NO.	AS-BUILT STATION
162	10+36
163	10+81
164	11+35
165	12+38
166	11+54
167	11+54

CURVE DATA TABLE	
CURVE #	LENGTH RADIUS DELTA TANGENT
C17	137.62' 288.00' 2720.30' 78.30'

CONSTRUCTION NOTES

- FINISH & INSTALL 8" CLASS 350 FULLY RESTRAINED DIP PER STD. W-30
- FINISH & INSTALL 1" SERVICE LATERAL WITH 1" METER PER WEST VALLEY WATER DISTRICT STANDARD
- FINISH & INSTALL FIRE HYDRANT ASSEMBLY PER WEST VALLEY WATER DISTRICT STANDARD DRAWING NO. W-3
- FINISH & INSTALL 4" DEAD END FLUSH OUT PER WEST VALLEY WATER DISTRICT STANDARD DRAWING NO. W-3
- FINISH & INSTALL 8" FULLY SLOPED GATE VALVE PER STD. W-11
- FINISH & INSTALL 1" AIR VALVE ASSEMBLY PER WEST VALLEY WATER DISTRICT STANDARD DRAWING NO. W-5A



WATERLINE "G"
"G" STREET

**WEST VALLEY WATER DISTRICT
WATERLINE IMPROVEMENT PLANS FOR
TRACT NO. 20407**

DATE: 11/18/12
SHEET NO. 11 OF 12

DATE: 2/27/15
DATE: 09-30-27
WIP Number: D24016
HAZARD: H43
Pressure Zone: 7

ENCOMPASS ASSOCIATES, INC.
1400 W. 14TH AVENUE, SUITE 100
DENVER, CO 80202
PHONE: 303.733.1100
FAX: 303.733.1101

DESIGNED BY: [Signature]
CHECKED BY: [Signature]
DATE: []/ []/ []

APPROVED BY: [Signature]
DATE: []/ []/ []

Underground Service Alert
Call TOLL FREE
1-800-227-2800

CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL JURISDICTIONS OF RECORD. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL JURISDICTIONS OF RECORD. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL JURISDICTIONS OF RECORD.



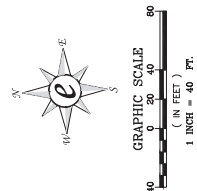
- CONSTRUCTION NOTES**
- 1 FINISH & INSTALL 8" CLASS 300 FULLY RESTRAINED DIP PER STD. W-30
 - 2 FINISH & INSTALL 1" SERVICE LATERAL WITH 1" METER PER WEST VALLEY WATER DISTRICT STANDARD
 - 3 FINISH & INSTALL FIRE HYDRANT ASSEMBLY PER WEST VALLEY WATER DISTRICT STANDARD DRAWING NO. W-11
 - 4 FINISH & INSTALL 8" FULLY SEALED GATE VALVE PER STD. W-11
 - 5 FINISH & INSTALL 8" FULLY SEALED GATE VALVE PER STD. W-11
 - 6 FINISH & INSTALL 1" AIR VALVE ASSEMBLY PER WEST VALLEY WATER DISTRICT STANDARD DRAWING NO. W-3A
 - 7 FINISH & INSTALL 1" AIR VALVE ASSEMBLY PER WEST VALLEY WATER DISTRICT STANDARD DRAWING NO. W-3A
 - 8 FINISH & INSTALL 1" AIR VALVE ASSEMBLY PER WEST VALLEY WATER DISTRICT STANDARD DRAWING NO. W-3A
 - 9 FINISH & INSTALL 1" AIR VALVE ASSEMBLY PER WEST VALLEY WATER DISTRICT STANDARD DRAWING NO. W-3A
 - 10 FINISH & INSTALL 1" AIR VALVE ASSEMBLY PER WEST VALLEY WATER DISTRICT STANDARD DRAWING NO. W-3A
 - 11 FINISH & INSTALL 1" AIR VALVE ASSEMBLY PER WEST VALLEY WATER DISTRICT STANDARD DRAWING NO. W-3A
 - 12 FINISH & INSTALL 1" AIR VALVE ASSEMBLY PER WEST VALLEY WATER DISTRICT STANDARD DRAWING NO. W-3A
 - 13 FINISH & INSTALL 1" AIR VALVE ASSEMBLY PER WEST VALLEY WATER DISTRICT STANDARD DRAWING NO. W-3A
 - 14 FINISH & INSTALL 1" AIR VALVE ASSEMBLY PER WEST VALLEY WATER DISTRICT STANDARD DRAWING NO. W-3A
 - 15 FINISH & INSTALL 1" AIR VALVE ASSEMBLY PER WEST VALLEY WATER DISTRICT STANDARD DRAWING NO. W-3A
 - 16 FINISH & INSTALL 1" AIR VALVE ASSEMBLY PER WEST VALLEY WATER DISTRICT STANDARD DRAWING NO. W-3A
 - 17 FINISH & INSTALL 1" AIR VALVE ASSEMBLY PER WEST VALLEY WATER DISTRICT STANDARD DRAWING NO. W-3A
 - 18 FINISH & INSTALL 1" AIR VALVE ASSEMBLY PER WEST VALLEY WATER DISTRICT STANDARD DRAWING NO. W-3A

LATERAL TABLE

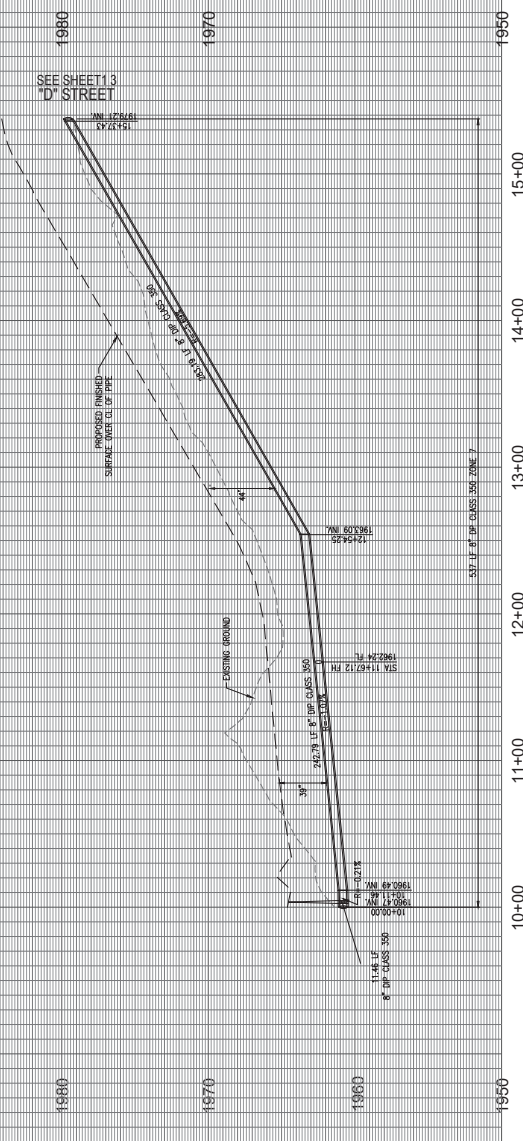
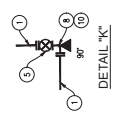
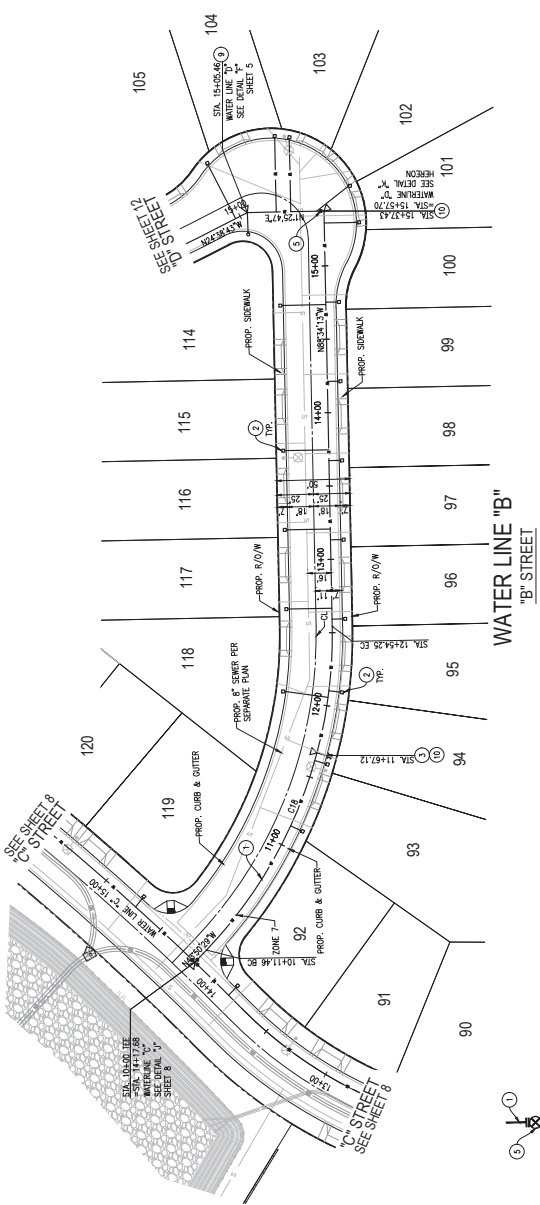
LOT NO.	DESIGN STATION	AS-BUILT STATION
93	11434	
94	11462	
95	12410	
96	12459	
97	13113	
98	13487	
99	14421	
100	14474	
101	14474	
102	14474	
103	14474	
104	14474	
105	14474	
106	14474	
107	14474	
108	14474	
109	14474	
110	14474	
111	14474	
112	14474	
113	14474	
114	14474	
115	14474	
116	14474	
117	14474	
118	14474	

CURVE DATA TABLE

CURVE #	LENGTH	RADIUS	DELTA	TANGENT
1	242.72'	1,370.0'	149.43°	122.98'

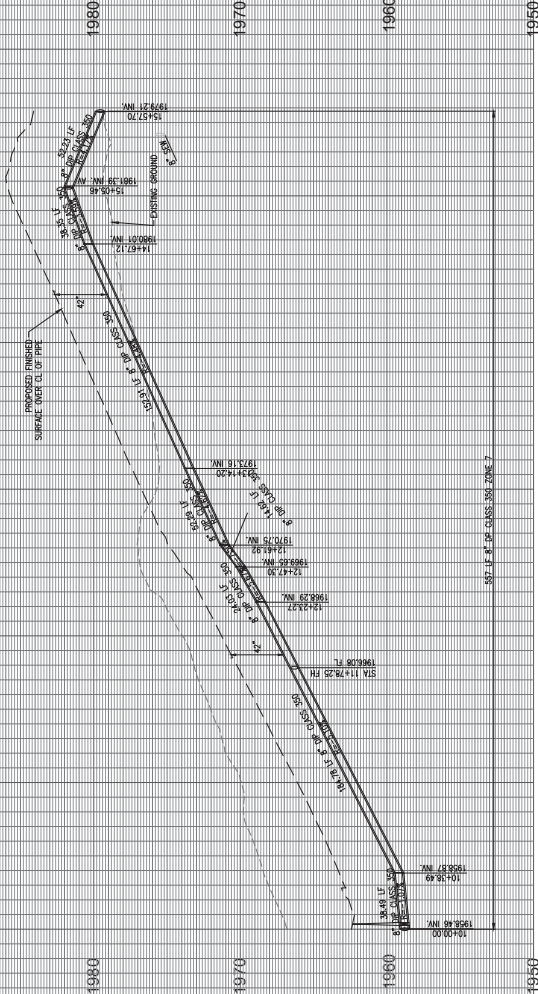


MANHOLES & VALVE COVERS TO BE FINISHED TO FINISH GRADE DURING PAVING OPERATIONS.
WATER LINE CROSSING UNDER DOWN WATER MAINS AND LATERALS SHALL BE CONSTRUCTED AT THE CROSSING. SCALE OF PIPE CONTROLLED BY THE CROSSING.



PROFILE SCALE
VERT. 1"=4'

PROFILE SCALE
VERT. 1"=4'



LATERAL TABLE

LOT NO.	DESIGN STATION	AS-BUILT STATION
101	15+25	
102	15+25	
103	15+25	
104	15+25	
105	14+97	
106	14+31	
107	13+55	
108	12+80	
109	12+41	
110	12+35	
111	11+65	
112	11+65	
113	12+00	

CURVE DATA TABLE

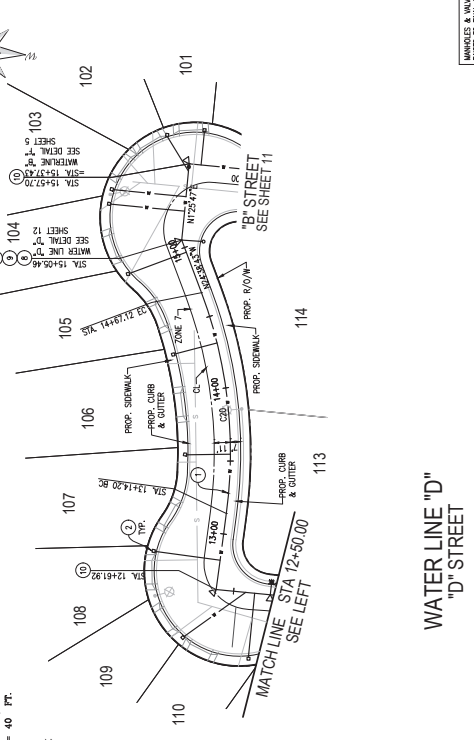
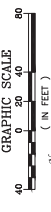
CURVE #	LENGTH	RADIUS	DELTA	TANGENT
C1	584.97'	211.00'	149.25°	85.67'
C2	528.97'	211.00'	149.25°	78.67'

CONSTRUCTION NOTES

- FURNISH & INSTALL 6" CLASS 300 FULLY RESTRAINED DIP PER STD. W-30
- FURNISH & INSTALL 1" SERVICE LATERAL WITH 1" WELDER PER WEST VALLEY WATER DISTRICT STANDARD
- FURNISH & INSTALL 1" SERVICE LATERAL WITH 1" WELDER PER WEST VALLEY WATER DISTRICT STANDARD
- FURNISH & INSTALL FIRE HYDRANT ASSEMBLY PER WEST VALLEY WATER DISTRICT STANDARD DRAWING NO. W-4
- FURNISH & INSTALL 6" FULLY SLOTTED GATE VALVE PER STD. W-11
- FURNISH & INSTALL 6" x 6" x 8" FLANGED TEE
- FURNISH & INSTALL 6" END, ANGLE AS INDICATED
- FURNISH & INSTALL 1" AIR VALVE ASSEMBLY PER WEST VALLEY WATER DISTRICT STANDARD DRAWING NO. W-4
- W-4 & W-4C
- CONSTRUCT CONCRETE THURST BLOCK PER WEST VALLEY WATER DISTRICT STANDARD DRAWING NO. W-3A & W-3B

MANHOLES & VALVE COVERS TO BE FINISHED TO FINISH GRADE DURING PAVING OPERATIONS.

WATER LINE CROSSING JUNCTIONS SHALL BE PROTECTED BY CONCRETE THURST BLOCKS. ALL DOWN WATER MAINS AND LATERALS SHALL BE PROTECTED BY CONCRETE THURST BLOCKS. ALL SIZE OF PIPE CONTAINED IN THE CROSSING.



WATERLINE "D"
"D" STREET

ENCINAPASS ASSOCIATES, INC.
 14400 ENCINAPASS AVENUE, SUITE 100
 ENCINAPASS, CA 94014
 TEL: (415) 881-1000
 FAX: (415) 881-1001

PROJECT: WEST VALLEY WATER DISTRICT
 TRACT NO. 20-07
 SHEET: 12 OF 12
 DATE: 2/7/25
 EXPIRES: 09-30-27
 WIP NUMBER: D24016
 HAZARD #43
 PRESSURE ZONE: 7
 AS SHOWN

Checked: _____
 Drawn: _____
 Approved: _____
 Number: _____

Underground Service Alert
 Call TOLL FREE 1-800-227-2800

CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES AND THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS WORKING THEREON, AND CONSTRUCTION CONTRACTOR'S OBLIGATION TO DETECT, MAINTAIN AND ROAD REPAIRS TO BE MADE BY THE CONTRACTOR, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES TO REMAIN AND SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES TO REMAIN.

PROFESSIONAL

Exhibit C

to be provided at later date

Exhibit D

BOND NO. _____

FAITHFUL PERFORMANCE BOND

To WEST VALLEY WATER DISTRICT for Water System Installation in Accordance with Water Improvement Plans for Tract 20407 East Sycamore **DATE OF APPROVED PLANS.**

This premium charged on this bond is \$ _____ being at the rate of \$ _____ per thousand of the contract price.

KNOW ALL MEN BY THESE PRESENTS:

THAT, WHEREAS, the WEST VALLEY WATER DISTRICT has awarded to:

**Lennar Homes of California, LLC
4140 Temescal Canyon Rd, Suite 410
Corona, CA 92883**

as the "Principal", an agreement for the work described as follows:

Water System Installation in Accordance with Approved Water Improvement Plans for Tract 20407 East Sycamore , dated DATE OF APPROVED PLANS.

WHEREAS, the said Principal is required under the terms of said agreement to furnish a bond for the faithful performance of labor and materials of said contract:

NOW, THEREFORE, WE the undersigned Developer, as Principal, and _____ (Name of Surety)

_____ (Address of Surety) duly authorized to transact business under the laws of the State of California, as Surety, are held and firmly bound unto the WEST VALLEY WATER DISTRICT in the sum (TEXT PERFORMANCE BOND AMOUNT) no/100 dollars (NUMERIC PERFORMANCE BOND AMOUNT), lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators, and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH that if the above bounded Principal, his or its heirs, executors, administrators, successors, or assigns, shall in all things

stand to and abide by, and well and truly keep and perform all the undertakings, terms, covenants, conditions and agreements in the said agreement and any alteration thereof made as therein provided, on his or their part, to be kept and performed, at the time and in the manner therein specified, and in all respects according to their true intent and meaning, and shall indemnify and save harmless the WEST VALLEY WATER DISTRICT, its officers, agents, and as therein stipulated, then this obligation shall become null and void, otherwise it shall be and remain in full force and effect. In case suit is brought on this bond, Surety further agrees to pay all court costs and reasonable attorney's fees as shall be fixed by the court.

And the said Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration, or addition to the terms of the agreement or to the work to be performed thereunder or the specifications accompanying the same shall in any way affect its obligation on this bond, and it does hereby waive notice of any such change, extension of time, alteration, or addition to the terms of the contract or to the work or to the specifications.

IN WITNESS WHEREOF, we have hereunto set our hands this _____ day of _____, 2026.

ALL SIGNATURES MUST BE NOTARIZED

PRINCIPAL

Lennar Homes of California, LLC
A California Limited Liability Company

By: _____
Geoffrey Smith, Vice President
Authorized Agent

(NOTARIZATION AND SEAL)

SURETY

(NOTARIZATION AND SEAL)



STAFF REPORT

DATE: June 4, 2026
TO: Board of Directors
FROM: Isabelle Medina, Public Outreach & Government Affairs Rep I
SUBJECT: West Valley Water District Welcome Packet Update

STRATEGIC GOAL:

Strategic Goal 3 - Develop and Grow Effective Communication and Advocacy Practices; Objective 3A - Advance Effective Internal and External Communication Processes

Objective 3B - Present the District as a Proactive Community Partner; Objective 3E - Promote Public Awareness of the Value of WVWD

MEETING HISTORY:

External Affairs Committee - 04.27.26

BACKGROUND:

West Valley Water District (WVWD) has historically provided welcome packets to customers upon initiation of new water service. Following a comprehensive review, staff identified updates were needed to the packet to ensure materials reflect the District's adopted water rates, present a modernized appearance, and alignment with WVWD's strategic goals. The welcome packet has since been revised and completed in both English and Spanish.

DISCUSSION:

The updated welcome packet includes the District's adopted water rates and enhanced information on customer resources, including the iPay Smart online payment system. It also provides guidance on how to read a water bill, outlines available payment locations and options, and includes general information about the District and its services. This update was completed in collaboration with the Finance and Customer Service Departments and has been reviewed by department leads to ensure accuracy and consistency.

FISCAL IMPACT:

N/A

REQUESTED ACTION:

Receive and file.

Attachments

[Final 2026 Welcome Packet.pdf](#)

[Final Spanish 2026 Welcome Packet.pdf](#)

[New Service Application .pdf](#)

[New Service Application \(Spanish\).pdf](#)

[Welcome Letter.pdf](#)

Welcome



West Valley Water District

OPCIONES DE PAGO ADICIONALES

- 5:30pm
- 5:30pm
- 5:30pm
- 5:30pm

www.vwd.org

OPCIONES DE PAGO ADICIONALES

OPCIONES DE PAGO ADICIONALES



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Welcome and overview	_____	03
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Payment options	_____	14
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WELCOME TO WEST VALLEY WATER

Serving **High Quality, Reliable Water.**

Whether you're new to the area or a long-time member of the community, we're proud to serve as your trusted water provider. The West Valley Water District (WVWD) is a Special District governed by a five-member Board of Directors, dedicated to delivering reliable, high-quality drinking water to over 100,000 customers.

WVWD proudly serves portions of Rialto, Colton, Fontana, Bloomington, unincorporated areas of San Bernardino County, and part of Jurupa Valley in Riverside County. Our highest priority is ensuring that you have access to clean and reliable water every day.

Our Values

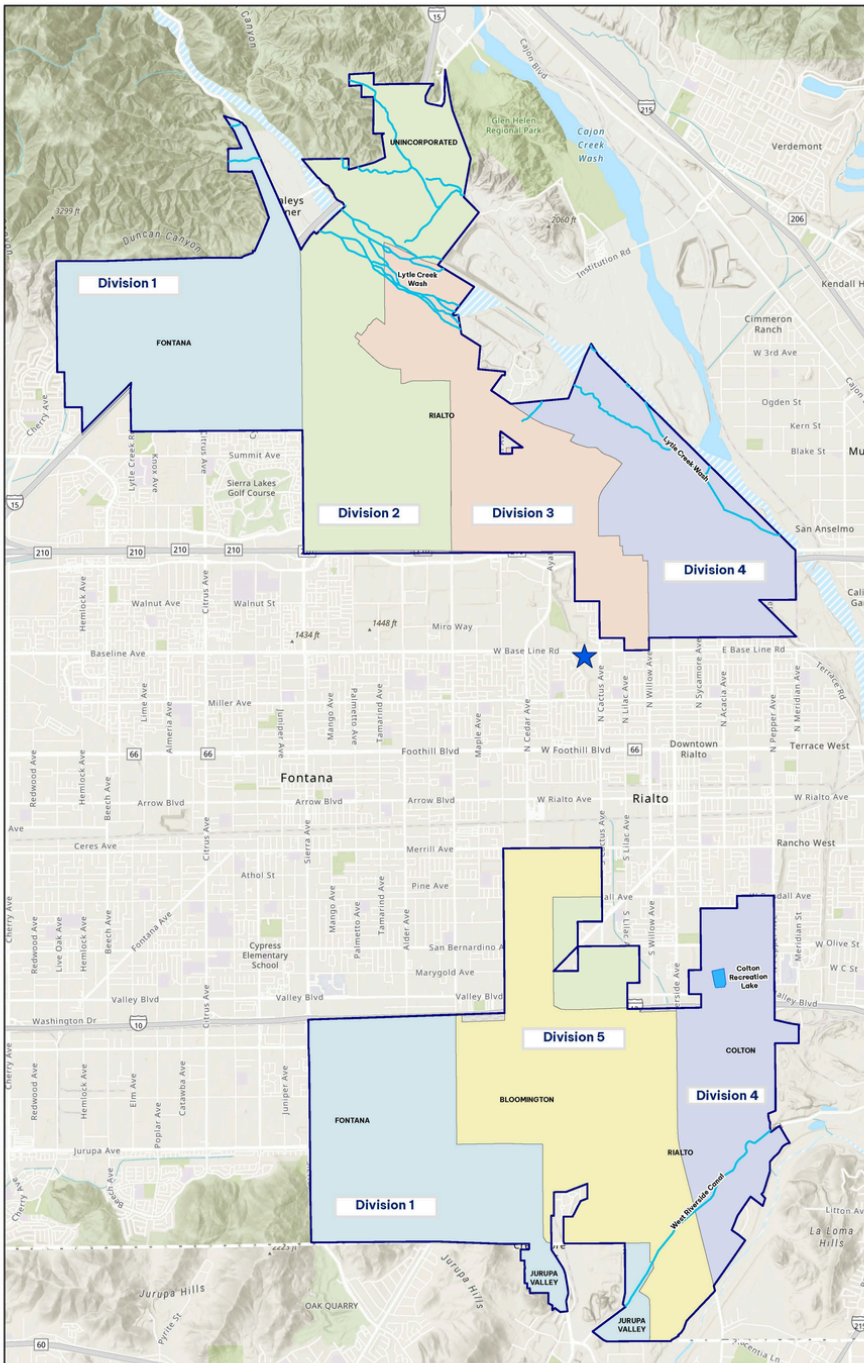
- Innovation** WVWD fosters innovation, creativity, and ingenuity as we constantly seek to strengthen our services, programs, and practices.
- Regional Partner** WVWD is a proactive leader and partner in regional collaboration projects and programs that improve our community and the water supply.
- Preferred Workplace** WVWD offers an empowering work environment that promotes diversity, equity, and inclusion where employees can succeed.
- Public Trust & Integrity** WVWD fosters a culture of openness, transparency, and accountability to our community and stakeholders.
- Sustainability** WVWD is committed to innovative solutions that support the long-term success of our organization.



Board of Directors

West Valley Water District's Board of Directors consists of five members within the community who are elected by Division.

Each Director serves a term of four years, with terms overlapping. The Board of Directors develops the policies that govern the District. The District General Manager is selected by the Board of Directors to oversee the day-to-day operations of the District.



Division 3

Kelvin Moore
President



Division 1

Angela Garcia
Vice President



Division 2

Dan Jenkins
Director



Division 4

Estevan Bennett
Director



Division 5

Greg Young
Director

District at a Glance

Our employees are at the heart of everything we do! Enjoy some fun facts about our District.

Mission

The West Valley Water District provides our community with high-quality and reliable water service in a cost-effective and sustainable manner.

Vision

The West Valley Water District will be a model for innovation and sustainability, with a commitment to our growing communities and our employees.

By the Numbers



32
Square
Miles



Approx. 100,000
People
Served

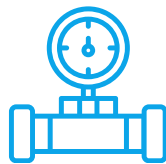
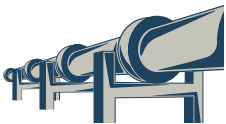


88 Team
Members



6 Inland Empire
Communities Served

419 Miles of
Pipeline



25,931
Service
Connections

26
Storage
tanks



3,823
Fire Hydrants



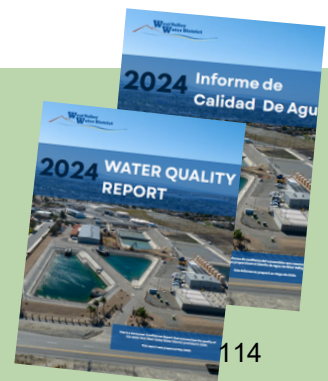
Where Does Your Water Come From?

Local and Imported Sources:

- **Groundwater (60%)**
 - WVWD's water supply is from its own groundwater wells located in five local basins.
 - Additional groundwater is purchased from San Bernardino Valley Municipal Water District.
- **Surface water (40%)**
 - Surface water from Lytle Creek in the San Bernardino Mountains.
 - Additional surface water purchased from the State Water Project through San Bernardino Valley Municipal Water District.



Questions about our water quality or want to read our latest reports? Visit: www.wvwd.org/waterquality.



The Perfect Water Experience

At West Valley Water District (WVWD), we believe that we can work together to create the perfect water experience, and keep your water bill low!

Some of the devices that keep water flowing efficiently to and through your home are maintained by WVWD. Others are maintained by you. Here is a breakdown:

MANAGED BY YOU

- The pipe from the water meter to your home.
- Water pressure regulator.
- The amount of water used inside and outside of your home.
- Leaks (faucets, sprinklers, toilets, etc.).

MANAGED BY WVWD

- All equipment and pipes used to get water to your water meter.
- Water pressure within WVWD's main delivery pipeline.
- The pipe from the water main to your water meter.
- Water meter maintenance and readings.

Faces Behind the Flow

Our Meter Services Operators are often the first boots on the ground when it comes to water meters. Whether they're reading meters, identifying leaks, or checking for unusual usage patterns, they help keep your service smooth and accurate. They're trained, experienced, and always working to ensure your water experience is the best it can be.

So if you see them in the field, don't be alarmed, they're working hard for you!





Your Water Meter:



Is the best detective and can tell whether or not you have leaks.



Is typically located near the street under a metal, plastic, or concrete lid.



Records water in cubic feet, your consumption is displayed much like the odometer in your car. One cubic foot of water equals 7.48 gallons of water.



For every 748 gallons of water used, the dial listed as hundred will move one digit which is equal to one billing unit of water.

How to Read Your Meter:

WVWD's Valve, Do Not Touch



Odometer: Reads in cubic feet. Read meter from left to right.

Decimal Point: Illustrates tenths and hundredths cubic feet.

Flow Indicator: Used to indicate low flow down to .001 cubic feet. Can be used to detect small leaks.

**Your meter may not be identical to the picture shown.*

Main Shut-off Valve

How to Detect Leaks:

As your water purveyor, West Valley Water District (WVWD) works hard to eliminate leaks in our distribution system. However, many leaks occur inside the home, beyond our control. Here are some tips to help determine if you have any leaks in your home:

Checking for a Leak:

- 1 Locate your water meter.
- 2 Make sure all water (inside and out) has been turned off. Leave shut-off valves open.
- 3 Read your meter and write down the figure. While reading your meter, find the flow indication; if it is moving, there is a leak.
- 4 Wait at least 1 hour and read your meter again.
- 5 If the figure has changed then there is a leak.

Is your leak inside or outside?

- 6 Turn water off at house valve.
- 7 Repeat steps 3 and 4.
- 8 If the figure has not changed. The leak is past the house valve and likely inside your home. Check your toilets, faucets, etc.
- 9 If the figure has changed again, the leak is most likely in the service line or within your irrigation system (depending on where your irrigation system ties in to your home's water system).
- 10 You can fix it yourself or contact a plumber.

Knowing Your Water

Your trust in the safety and reliability of your drinking water is something we take very seriously at West Valley Water District.

Sources of drinking water include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water moves over the land or through the ground, it can dissolve naturally occurring minerals and, in some cases, radioactive material, as well as substances resulting from the presence of animals or human activity. To ensure that tap water is safe to drink, the U.S. Environmental Protection Agency (U.S. EPA) and the State Water Resources Control Board establish strict regulations that limit the amount of certain contaminants in public water systems.

Locally, WVWD sources its water from a blend of local groundwater wells and imported surface water. This water undergoes a thorough treatment process that may include filtration, disinfection with chlorine or chloramine, and, in some areas, fluoridation. These treatment steps are essential to removing or inactivating harmful contaminants and ensuring your water meets or exceeds all federal and state standards.

Each year, we publish a **Water Quality Report, also known as a Consumer Confidence Report (CCR)** on our website, which details testing results and provides full transparency about what's in your water.



CLOUDY/MILKY WATER?

Some of the most common water quality calls that our Customer Service Department receives are regarding “cloudy” water. If your tap water has a slightly “milky” appearance, you’re probably experiencing an interesting but harmless phenomenon known as “entrained air.”


If you think you are experiencing entrained air, rinse out a clear glass twice and then fill it with cold tap water. After a few moments, the water should begin to clear from the bottom of the glass to the top as the bubbles rise to the surface.



Did the bubbles clear? Then it's safe to drink!
Now all that's left to do is enjoy your glass of high quality and reliable WVWD tap water!

Understanding Your Bill

Reviewing your water bill will help you make informed choices about water use.



855 West Base Line Road • PO BOX 920
Rialto CA 92377-0920
wwvd.org

WEST VALLEY WATER DISTRICT • OFFICE HOURS

Mon • Wed • Thu • Fri 8:00 am - 5:30 pm
Tue 9:00 am - 5:30 pm

Customer Service/After Hours (909) 875-1804 • customerservice@wwvd.org

VALUED WWVD CUSTOMER
855 BASELINE RD
RIALTO, CA 92377

ACCOUNT INFORMATION

CUSTOMER NAME: VALUED WWVD CUSTOMER
SERVICE ADDRESS: 855 W. BASELINE RD.
CITY: RIALTO
ACCOUNT NUMBER: 1-2 345678-90

BILLING INFORMATION

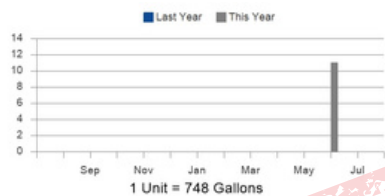
SERVICE PERIOD: 06/13/24 to 07/18/24
BILL DATE: 07/18/24
CURRENT BILL DUE DATE: 08/08/24

YOUR ACCOUNT SUMMARY

PREVIOUS BALANCE	0.00
PAYMENTS	0.00
LATE FEE/ADJUSTMENTS	0.00
PRIOR BALANCE -	0.00

DUE IMMEDIATELY:

CONSUMPTION HISTORY



CURRENT ACCOUNT DETAIL

CURRENT CHARGES	UNITS	RATE	TOTAL
TOTAL CURRENT CHARGES			0.00

SPECIAL MESSAGE FROM WWVD

WWVD will begin delinquent bill processing in accordance with Senate Bill 998 (Discontinuation of Residential Water Service). Ratepayers must pay outstanding balances to avoid possible disconnections. WWVD understands that some ratepayers may be experiencing hardships and our goal is to work with you. Please contact the Customer Service Team at (909) 875-1804 to assist you in managing your bill and avoiding disruption of service.

TOTAL BALANCE DUE **0.00**

SERVICE PERIOD	METER NUMBER	SERVICE TYPE	PREVIOUS READ	CURRENT READ	UNITS USED	GALLONS USED
06/13/23 to 07/18/23	1234567	HY	34446	34446	0	0

PLEASE RETURN THIS PORTION WITH YOUR PAYMENT AND MAKE YOUR CHECK PAYABLE TO WEST VALLEY WATER DISTRICT

PAYMENT COUPON FOR WWVD CUSTOMER



Want to pay your bill online?
Scan this QR code or visit us online at the link below:
[tps://www.municipalonlinepayments.com/westvalleywdca](https://www.municipalonlinepayments.com/westvalleywdca)



ACCOUNT NUMBER: 1- 2 345678-90
PRIOR BALANCE: DUE IMMEDIATELY 0.00
CURRENT CHARGES DUE BY: 08/08/24 0.00
TOTAL AMOUNT DUE: 0.00
AMOUNT PAID: \$ _____

WEST VALLEY WATER DISTRICT
P.O. BOX 102060
PASADENA, CA 91189-2060

102060130347700100000000002

The Account Information Section Contains:

- The **Account Number**, (which should be included on all payments and/or correspondence).
- The **Service Period** which indicates the period covered by the bill.
- The **Service Address** where the water is provided.
- The **Billing Date** which indicates the date the bill was prepared.
- The **Due Date** which indicates the date that payment is due.

Your Account Summary:

- The amount of the **Last Bill**.
- The total amount of payments received since the **Last Bill**.
- Any late **Fees/Adjustments** charged or credited to your account since your last bill.
- Prior Balance.

Current Account Detail:

- The amount of the **City Tax** if one has been established by your community.
- The amount of the **Monthly Service Charge** which is based on your meter size. This covers costs associated with meter reading, billing, customer service, and other administrative support functions.
- The amount of the **Consumption Charge** which is based on your actual water usage.
- Tier 1 = 0-10 Units, Tier 2 = 11-30 Units, and Tier 3 = 30+ Units.
- The amount of the **Total Current Charges**, (this does NOT include previous charges, fees, adjustments, or balances).

Payment Coupon:

- The **Total Amount Due** which includes the current charges plus any previous charges, fees, adjustments, and balances.
- The **Due Date** of the bill. If payment is not received by this date, a delinquent fee may be applied to your account.

Consumption History contains:

- A graph showing your **Water Consumption** history of the previous year.
- Your **Current Consumption**.
- **Target Consumption Goal:** how much we would like for you to conserve.

The Meter Information Section contains:

- The serial number of your **Meter**.
- The type of billing **Units** for your account. Most accounts are billed for each unit of CCF, (1 CCF = 100 cubic feet which is equivalent to 748 gallons).
- The **Service Period** which indicates the period covered by the bill.
- The **Current Reading** of your **Meter**.
- The **Previous Reading** of your **Meter**.
- The total water **Usage** which is calculated by subtracting the **Previous Reading** from the **Current Reading**.
- The total **Usage** is used to calculate the **Consumption Charge**.
- The approximate number of **Gallons** used during the service period.

WVWD Water Rates

We are here to help you understand how your water bill is calculated.



Your monthly bill contains at least two types of charges: a monthly service charge, and a charge for the amount of water you use (consumption). You may also have other charges, such as your city’s utility users’ tax.

Here’s a breakdown:

Monthly Service Charges

The monthly service charge is a ready-to-serve charge applicable to all metered services. Once a meter is installed, the ready-to-serve monthly service charge begins and only ends when the meter is removed or the water service to the location is terminated. The charge is based on the size of the water meter installed at the location.



Water Consumption Charges “Tiered Rates”

You are charged according to the amount of water you use. The more you use, the higher your water bill. Tiered rates reward those customers using less water by charging less per unit of water. A unit of water is 748 gallons.

Tier One includes 1 to 10 units of water charged at \$2.33 per unit.

Tier Two includes the next 11 to 30 units of water charged at \$2.54 per unit.

Tier Three includes everything above 30 units of water charged at \$2.73 per unit.

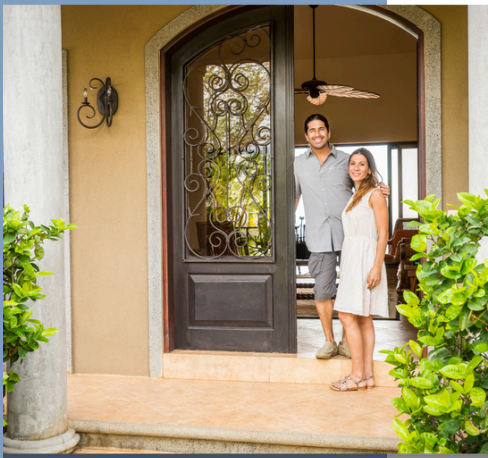


*Rates subject to change.

Property Owner Responsibilities

During the past several years, WVWD has experienced a large increase in population, many of which are tenants who move on without paying their water charges. Historically, these unpaid charges must be passed on to other users in the district.

To avoid this inequity, the Board of Directors has adopted the following policy.



Section 31701 of the California Water Code

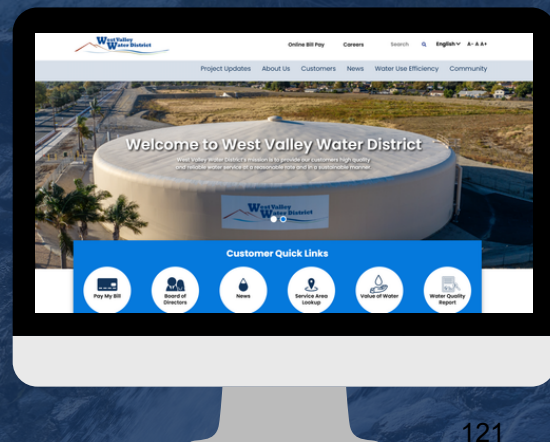
Pursuant to the California Water Code, Section 31701, and WVWD's Water Service Regulations, Article 13, the property owner shall be held responsible for all charges owed to the District, whether or not the property owner lives on the premises or signs the application for water service.

All unpaid bills shall be made a lien against the property for which service was requested pursuant to the California Water Code, Section 31701.5 Et Seq., and WVWD's Water Service Regulations, Article 13.



Where Can I Get More Information?

We are here for you! If you have any questions regarding our billing rates system, visit our website at www.wvwd.org/billing-rates or contact our Customer Service Department five days a week (Monday through Friday, excluding holidays) by phone at **909-875-1804**.



Online Payment Portal

Designed with your convenience in mind, iPAY Smart is a safe and secure way to pay your bill!

We want to make your billing experience as easy and convenient as possible. That's why we're proud to introduce our new online payment portal – iPay Smart.

iPay Smart is a simple, secure, and user-friendly way to manage your account anytime, anywhere. Whether you're at home or on the go, this new system puts you in control of your billing with just a few clicks. To sign up, visit www.wvwd.org and click online payment portal.



With iPay Smart, you can:



Set up autopay to automatically pay your bill on or before the due date.



Pay and view statements from the convenience of your home.



Safe and secure form of payment.



Receive text notifications & have the option to pay through text.



Questions about your portal?

Visit our dedicated resource page at www.wvwd.org/paymentportal or visit our Customer Service Department to learn how to set up your account!

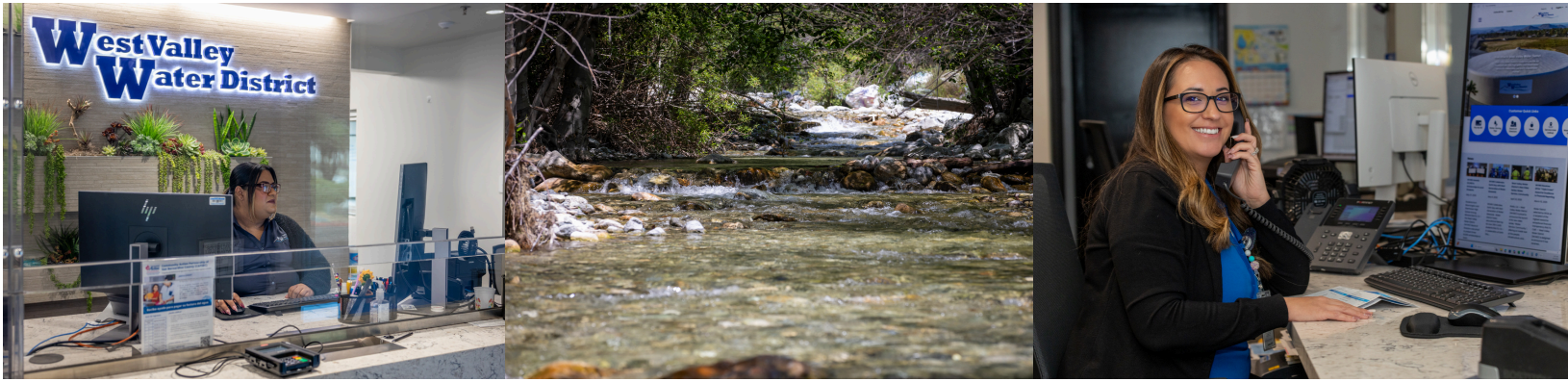
Contact Us:



(909) 875-1804

Other Payment Options

We believe in clean, abundant water, and making your life easier. That's why we offer many different ways to pay your water bill.



ONLINE BANKING BILL PAY

Sign up online through your bank to have utility payments deducted from your bank account on the bill due date.

PAY BY MAIL

Send your payments to:
West Valley Water District
PO Box 102060
Pasadena, CA 91189

PAY NEAR ME

Use the PayCode on your monthly statement. Bring your PayCode to any participating store (CVS Pharmacy, 7-Eleven, and Family Dollar), hand it to the cashier and pay with cash. There are no processing fees.

FURTHER QUESTIONS?

Visit www.wvwd.org/biling-rates or call our Customer Service Department at (909) 875-1804.

AUTOMATED TELEPHONE PAYMENT

This allows you to pay over the phone, safely and securely. You can pay with your VISA or MasterCard. Any type of gift cards is not accepted. First, find your account number on your bill. Next, dial our CS number (909) 875-1804, and press "2" to be connected to the system. Follow the instructions you hear and enter your responses on your touch-tone phone (available in spanish).

IN-PERSON PAYMENT

Monday 8:00 a.m. – 5:30 p.m.
Tuesday 9:00 a.m. – 5:30 p.m.
Wednesday 8:00 a.m. – 5:30 p.m.
Thursday 8:00 a.m. – 5:30 p.m.
Friday 8:00 a.m. – 5:30 p.m.
Saturday & Sunday CLOSED

For your convenience, a payment drop box is located at our District Office in front of our Customer Service entrance.

SATELLITE LOCATIONS

Available at J Check Cashing
11391 Cedar Ave. Unit A
Bloomington, CA 92316
Monday – Sunday 9:30 a.m. – 6:00 p.m.

Please note, it takes two days for your payment to reach the District office from J Check Cashing.

Community Resources

West Valley Water District is proud to offer our customers free resources that promote water conservation in our community!



Hands-on and Technical Workshops

Community members are encouraged to join us for our Spring and Fall workshops. Topics include how to care for drought-tolerant plants, turf conversion, and much more!



Water Conservation Kit

Get the tools you need to help reduce at-home water usage! This **FREE** water conservation kit provides tools and devices that can improve your water efficiency at home. Visit www.wvwd.org/waterconservationkit to get yours today!

Tips and Tricks to Save

Small changes can make a big difference! From quick fixes around the house to smarter outdoor watering, there are tons of simple ways to save. Check out wvwd.org/conservation for easy tips to help you use water wisely.



Find Us at a Community Event Near You!

Our team of water professionals are here to provide resources! You can normally find us at your local community event, answering questions, sharing information, and passing out FREE water saving devices. Stop by and say hi the next time you see us out!

Because water isn't just essential.....it's fascinating too!

- 💧 Your body is about 60% water – That's why staying hydrated is so important!
- 💧 A leaky faucet that drips once per second can waste over 3,000 gallons a year. That's enough to take over 180 showers!
- 💧 The same water on Earth today has been here for over 4 billion years. The water you drink could have once been sipped by a dinosaur!
- 💧 It takes about 2 gallons of water to brush your teeth—if you leave the tap running. Turn it off and save water!
- 💧 Water expands when it freezes. That's why frozen pipes can burst—keep them insulated in cold weather!





DISTRICT OFFICE

855 W Baseline Road
Rialto, CA 92376

MAILING ADDRESS

P.O. Box 920
Rialto, CA 92377

OFFICE HOURS

Mon: 8:00 am - 5:30 pm
Tues: 9:00 am - 5:30 pm
Wed: 8:00 am - 5:30 pm
Thur: 9:00 am - 5:30 pm
Fri: 8:00 am - 5:30 pm

CONTACT

Phone: 909-875-1804
Website: www.wvwd.org

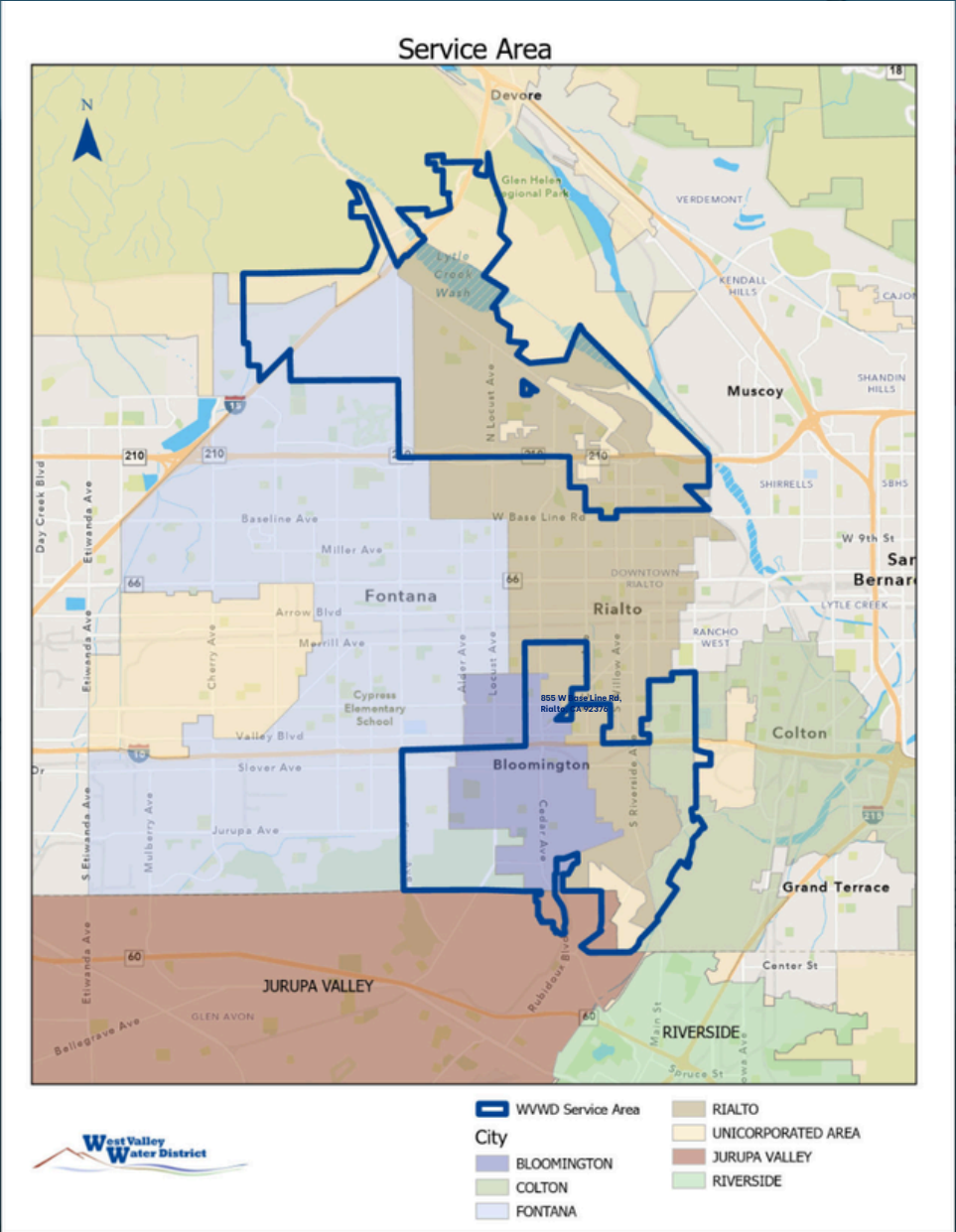
EMERGENCY CONTACT

Phone: 909-875-1804

IMPORTANT LOCAL NUMBERS

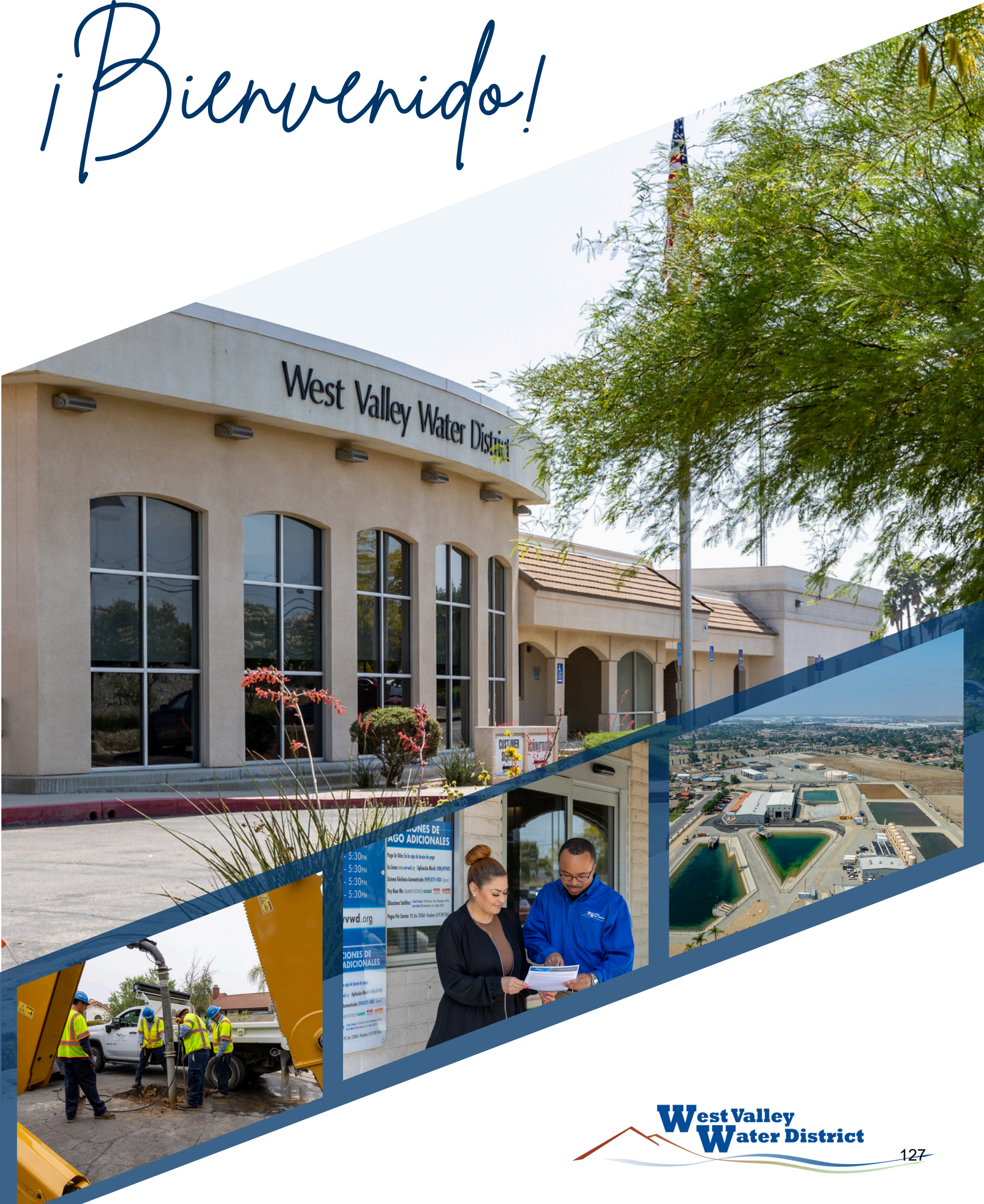
West Valley Water District provides water service only. Please contact the appropriate agency below based on your location for more information about wastewater and utilities.

- City of Colton** (909) 370-5099
- City of Fontana** (909) 350-7600
- City of Rialto** (909) 820-2525
- Rialto Water Services** (909) 820-2546
- City of San Bernardino** (909) 384-5211
- City of Jurupa Valley** (951) 332-6464
- SoCal Gas** (877) 238-0092
- Southern California Edison** (800) 655-4555
- Burrtec Corporate Office** (909) 429-4200



As your trusted water provider, West Valley Water District is committed to supporting you every step of the way. Whether you have questions about your water service, need help understanding your bill, or want to learn more about water conservation, we're here to help!

¡Bienvenido!





ÍNDICE

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BIENVENIDO A WEST VALLEY WATER

Suministrando agua de alta calidad y fiable.

Tanto si es nuevo en la área como si es miembro de la comunidad desde hace mucho tiempo, nos enorgullece ser su proveedor de agua de confianza. El Distrito de Agua de West Valley (WVWD) es un distrito especial gobernado por una junta directiva de cinco miembros, dedicada a suministrar agua potable fiable y de alta calidad a más de 100,000 clientes.

WVWD se enorgullece de prestar servicio a partes de Rialto, Colton, Fontana, Bloomington, áreas no incorporadas del condado de San Bernardino y parte del valle de Jurupa en el condado de Riverside. Nuestra máxima prioridad es garantizar que usted tenga acceso a agua limpia y confiable todos los días.

Nuestros Valores

Innovación

WVWD fomenta la innovación, la creatividad y el ingenio, ya que buscamos constantemente fortalecer nuestros servicios, programas y prácticas.

Socio regional

WVWD es un líder proactivo y aliado en proyectos y programas de colaboración regional que mejoran nuestra comunidad y el suministro de agua.

Lugar de trabajo preferido

WVWD ofrece un entorno de trabajo empoderador que promueve la diversidad, la equidad y la inclusión, donde los empleados pueden alcanzar el éxito.

Confianza pública e integridad

WVWD promueve una cultura de honestidad, transparencia y responsabilidad para nuestra comunidad y los grupos de interés.

Sostenibilidad

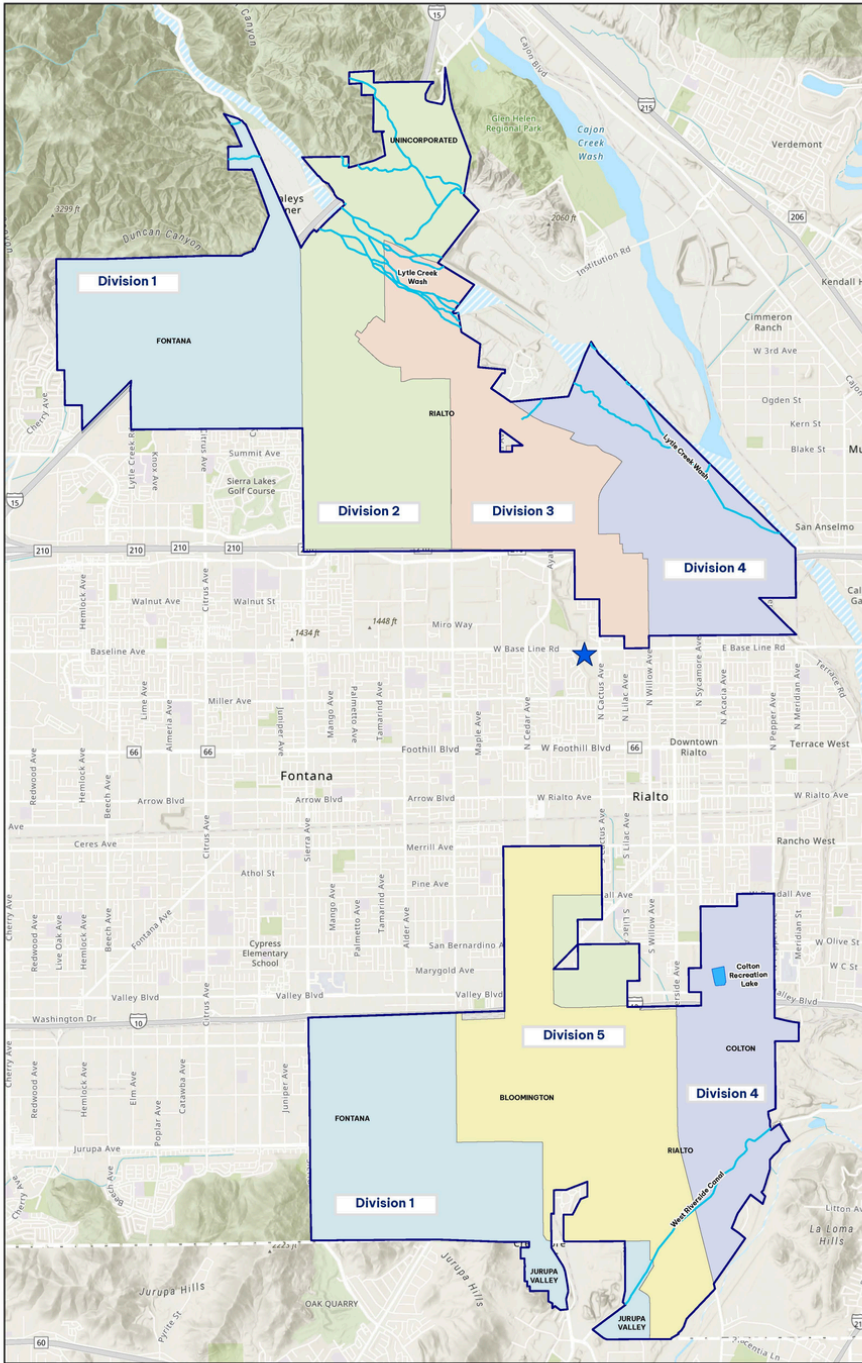
WVWD se compromete a ofrecer soluciones innovadoras que respalden el éxito a largo plazo de nuestra organización.



Junta Directiva

La Junta Directiva del Distrito de Aguas de West Valley está compuesta por cinco miembros de la comunidad que son elegidos por división.

Cada director tiene un mandato de cuatro años, con mandatos superpuestos. La Junta Directiva desarrolla las políticas que rigen el Distrito. El director general del Distrito es seleccionado por la Junta Directiva para supervisar las operaciones diarias del Distrito.



División 3

Kelvin Moore
Presidente



División 1

Angela Garcia
Vicepresidente



División 2

Dan Jenkins
Director



División 4

Estevan Bennett
Director



División 5

Greg Young
Director

El Distrito de un Vistazo

¡Nuestros empleados son el centro de todo lo que hacemos! Disfruta de algunos datos divertidos acerca de nuestro Distrito.

Misión

El Distrito de Agua de West Valley proporciona a nuestra comunidad un servicio de agua fiable y de alta calidad de forma económica y sostenible.

Visión

El Distrito de Agua de West Valley será un modelo de innovación y sostenibilidad, con un compromiso con nuestra comunidad en crecimiento y nuestros empleados.

Por Números



32
Millas
cuadradas



Approx. 100,000
Personas
atendidas

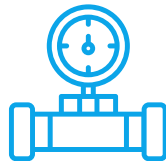


88
Miembros
del equipo



6 Comunidades
servidas en
Inland Empire

419 Kilómetros
de tubería



25,931
Conexiones
de servicio

26
Tanques de
almacenamiento



3,823
Bocas de
incendio



Portafolio de agua de WVWD

La diversa cartera de agua del Distrito de Aguas de West Valley (WVWD) incluye la obtención de agua tanto de fuentes locales como importadas para abastecer a sus clientes.

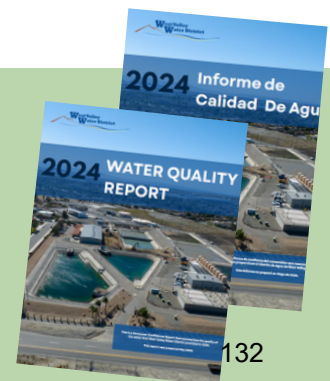
¿De dónde viene el agua que consumes?

Fuentes locales e importadas:

- **Aguas subterráneas (60 %)**
 - El suministro de agua de WVWD proviene de sus propios pozos de agua subterránea ubicados en cinco cuencas locales.
 - Agua subterránea adicional comprada de San Bernardino Valley Municipal Water District.
- **Aguas superficiales (40%)**
 - Aguas superficiales del arroyo Lytle Creek en las montañas de San Bernardino.
 - Agua superficial adicional adquirida al Proyecto Hidráulico Estatal a través de San Bernardino Valley Municipal Water District.



¿Tienes preguntas sobre la calidad de nuestra agua o quieres leer nuestros últimos informes? Visita:
www.wvwd.org/waterquality.



La experiencia perfecta con el agua

En West Valley Water District (WVWD), creemos que podemos trabajar juntos para crear la experiencia perfecta con el agua y mantener baja su factura.

Algunos de los dispositivos que mantienen el flujo eficiente del agua hacia y a través de su hogar son mantenidos por WVWD. Otros son mantenidos por usted. A continuación se presenta un desglose:

ADMINISTRADO POR USTED

- La tubería que va desde el medidor de agua hasta su hogar.
- Regulador de presión de agua.
- La cantidad de agua utilizada dentro y fuera de su hogar.
- Fugas (grifos, rociadores, inodoros, etc.).

ADMINISTRADO POR WVWD

- Todo el equipo y las tuberías que se usan para llevar agua a tu medidor de agua.
- Presión del agua dentro de la tubería principal de suministro de WVWD.
- La tubería que va desde la red de abastecimiento de agua hasta su contador.
- Mantenimiento y lecturas de contadores de agua.

Las caras detrás del flujo

Nuestros operadores de servicios de medidores suelen ser los primeros en llegar al lugar cuando se trata de medidores de agua. Ya sea leyendo medidores, identificando fugas o verificando patrones de uso inusuales, ellos ayudan a mantener su servicio fluido y preciso. Están capacitados, tienen experiencia y siempre trabajan para garantizar que su experiencia con el agua sea la mejor posible.

Así que, si los ve en el campo, no se alarme, ¡están trabajando duro para usted!





Su medidor de agua:



Es el mejor detective y puede decirte si tienes fugas o no.



Normalmente se encuentra cerca de la calle, bajo una tapa de metal, plástico u cemento.



Registra el agua en pies cúbicos, tu consumo se muestra de forma muy similar al odómetro de tu coche. Un pie cúbico de agua equivale a 748 galones de agua.



Por cada 748 galones de agua utilizados, el dial indicado como cien se moverá un dígito, lo que equivale a una unidad de facturación de agua.

Cómo leer su medidor:

Válvula de WWVD, no tocar



Odómetro: Lee en pies cúbicos. Lea el medidor de izquierda a derecha.

Punto decimal: Indica décimas y centésimas de pie cúbico.

Indicador de flujo: Se utiliza para indicar un flujo bajo de hasta .001 pies cúbicos. Se puede utilizar para detectar pequeñas fugas.

*Es posible que su medidor no sea idéntico al que se muestra en la imagen.

Main Shut-off Valve

Cómo detectar fugas:

Como su proveedor de agua, West Valley Water District (WVWD) trabaja arduamente para eliminar las fugas en nuestro sistema de distribución. Sin embargo, muchas fugas ocurren dentro de los hogares, fuera de nuestro control. A continuación, le ofrecemos algunos consejos para ayudarlo a determinar si tiene alguna fuga en su hogar:

Búsqueda de fugas:

- 1 Localice su medidor de agua.
- 2 Asegúrese de que se haya cerrado todo el agua (por dentro y por fuera). Deje abiertas las válvulas de cierre.
- 3 Lea su medidor y anote la cifra. Mientras lee su medidor, busque la indicación de flujo; si se mueve, hay una fuga.
- 4 Espere al menos 1 hora y vuelva a leer el contador.
- 5 Si la cifra ha cambiado, entonces hay una fuga.

¿La fuga es interna o externa?

- 6 Cierre el agua en la válvula de la casa.
- 7 Repita los pasos 3 y 4.
- 8 Si la cifra no ha cambiado, la fuga se encuentra más allá de la válvula de la casa y probablemente dentro de su hogar. Revise los inodoros, grifos, etc.
- 9 Si la cifra ha vuelto a cambiar, lo más probable es que la fuga se encuentre en la línea de servicio o dentro de su sistema de riego (dependiendo de dónde se conecte su sistema de riego al sistema de agua de su hogar).
- 10 Puedes arreglarlo tú mismo o llamar a un plomero.

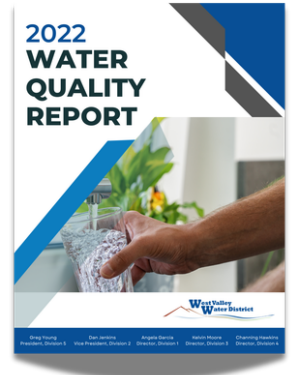
Conozca su Agua

En West Valley Water District nos tomamos muy en serio su confianza en la seguridad y fiabilidad del agua que consume.

Las fuentes de agua potable incluyen ríos, lagos, arroyos, estanques, embalses, manantiales y pozos. A medida que el agua se desplaza por la superficie terrestre o a través del suelo, puede disolver minerales naturales y, en algunos casos, material radiactivo, así como sustancias resultantes de la presencia de animales o de la actividad humana. Para garantizar que el agua del grifo sea apta para el consumo, la Agencia de Protección Ambiental de los Estados Unidos (EPA) y la Junta Estatal de Control de Recursos Hídricos establecen normas estrictas que limitan la cantidad de ciertos contaminantes en los sistemas públicos de abastecimiento de agua.

A nivel local, WVWD obtiene su agua de una mezcla de pozos de agua subterránea locales y agua de superficie importada. Esta agua se somete a un riguroso proceso de tratamiento que puede incluir filtración, desinfección con cloro o cloramina y, en algunas zonas, fluoración. Estas etapas de tratamiento son esenciales para eliminar o inactivar los contaminantes nocivos y garantizar que el agua cumpla o supere todas las normas federales y estatales.

Cada año, publicamos un **Informe sobre la calidad del agua**, también conocido como Informe de confianza del consumidor (CCR), en nuestro sitio web, en el que se detallan los resultados de las pruebas y se ofrece total transparencia sobre el contenido del agua.



¿AGUA TURBIA/LECHEOSA?

Algunas de las consultas más habituales que recibe nuestro Departamento de Atención al Cliente sobre la calidad del agua se refieren al agua turbia. Si el agua del grifo tiene un aspecto ligeramente “lechoso”, es probable que se trate de un fenómeno interesante, pero inofensivo, conocido como “aire arrastrado”.


Si cree que hay aire atrapado, enjuague dos veces un vaso transparente y luego llénelo con agua fría del grifo. Al pasar unos instantes, el agua debería comenzar a aclararse desde el fondo del vaso hacia la superficie a medida que las burbujas suben.



**¿Han desaparecido las burbujas? ¡Entonces es seguro beberla!
Ahora solo queda disfrutar de tu vaso de agua del grifo WVWD, de alta calidad y fiable.**

Comprenda su Factura

Revisar su factura de agua le ayudará a tomar decisiones informadas sobre el uso del agua.



855 West Base Line Road • PO BOX 920
Rialto CA 92377-0920
wwvd.org

WEST VALLEY WATER DISTRICT • OFFICE HOURS

Mon • Wed • Thu • Fri 8:00 am - 5:30 pm
Tue 9:00 am - 5:30 pm

Customer Service/After Hours (909) 875-1804 • customerservice@wwvd.org

VALUED WWVD CUSTOMER
855 BASELINE RD
RIALTO, CA 92377

ACCOUNT INFORMATION

CUSTOMER NAME: VALUED WWVD CUSTOMER
SERVICE ADDRESS: 855 W. BASELINE RD.
CITY: RIALTO
ACCOUNT NUMBER: 1-2 345678-90

BILLING INFORMATION

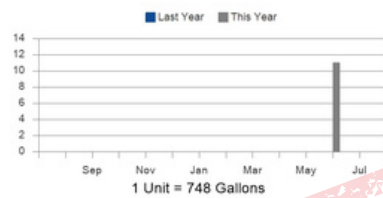
SERVICE PERIOD: 06/13/24 to 07/18/24
BILL DATE: 07/18/24
CURRENT BILL DUE DATE: 08/08/24

YOUR ACCOUNT SUMMARY

PREVIOUS BALANCE	0.00
PAYMENTS	0.00
LATE FEE/ADJUSTMENTS	0.00
PRIOR BALANCE -	0.00

DUE IMMEDIATELY:

CONSUMPTION HISTORY



CURRENT ACCOUNT DETAIL

CURRENT CHARGES	UNITS	RATE	TOTAL
TOTAL CURRENT CHARGES			0.00

SPECIAL MESSAGE FROM WWVD

WWVD will begin delinquent bill processing in accordance with Senate Bill 998 (Discontinuation of Residential Water Service). Ratepayers must pay outstanding balances to avoid possible disconnections. WWVD understands that some ratepayers may be experiencing hardships and our goal is to work with you. Please contact the Customer Service Team at (909) 875-1804 to assist you in managing your bill and avoiding disruption of service.

TOTAL BALANCE DUE **0.00**

SERVICE PERIOD	METER NUMBER	SERVICE TYPE	PREVIOUS READ	CURRENT READ	UNITS USED	GALLONS USED
06/13/23 to 07/18/23	1234567	HY	34446	34446	0	0

PLEASE RETURN THIS PORTION WITH YOUR PAYMENT AND MAKE YOUR CHECK PAYABLE TO WEST VALLEY WATER DISTRICT

PAYMENT COUPON FOR WWVD CUSTOMER



Want to pay your bill online?
Scan this QR code or visit us online at the link below:
[tps://www.municipalonlinepayments.com/westvalleywdca](https://www.municipalonlinepayments.com/westvalleywdca)



ACCOUNT NUMBER: 1- 2 345678-90
PRIOR BALANCE: DUE IMMEDIATELY 0.00
CURRENT CHARGES DUE BY: 08/08/24 0.00
TOTAL AMOUNT DUE: 0.00
AMOUNT PAID: \$ _____

WEST VALLEY WATER DISTRICT
P.O. BOX 102060
PASADENA, CA 91189-2060

102060130347700100000000002

La sección de información de la cuenta contiene:

- El **número de cuenta** (que debe incluirse en todos los pagos y/o correspondencia).
- El **período de servicio**, que indica el período cubierto por la factura.
- La **dirección de servicio**, donde se suministra el agua.
- La **fecha de facturación**, que indica la fecha en que se preparó la factura.
- La **fecha de vencimiento**, que indica la fecha en que vence el pago.

Resumen de su cuenta:

- El monto de la **última factura**.
- El monto total de los pagos recibidos desde la **última factura**.
- Cualquier **cargo por demora** o ajuste cobrado o acreditado en su cuenta desde su última factura.
- Saldo anterior.

Detalle de la cuenta corriente:

- El importe del **impuesto local**, si su comunidad lo ha establecido.
- El importe del **cargo mensual por servicio**, que se basa en el tamaño de su medidor. Esto cubre los costes asociados con la lectura del medidor, la facturación, el servicio al cliente y otras funciones de apoyo administrativo.
- El importe del **cargo por consumo**, que se basa en su consumo real de agua.
- Nivel 1 = 0-10 unidades, Nivel 2 = 11-30 unidades y Nivel 3 = más de 30 unidades.
- El importe de los **cargos actuales totales** (esto NO incluye cargos, tasas, ajustes o saldos anteriores).

Cupón de pago:

- El monto **total a pagar**, que incluye los cargos actuales más cualquier cargo, tasa, ajuste y saldo anteriores.
- La **fecha de vencimiento** de la factura. Si el pago no se recibe antes de esta fecha, se le podrá aplicar una tasa por mora a su cuenta.

El historial de consumo contiene:

- Un gráfico que muestra su historial de **consumo de agua** del año anterior.
- Su **consumo actual**.
- **Objetivo de consumo**: la cantidad que nos gustaría que ahorrara.

La sección de información del medidor contiene:

- El número de serie de su **medidor**.
- El tipo de **unidades** de facturación de su cuenta. La mayoría de las cuentas se facturan por cada unidad de CCF (1 CCF = 100 pies cúbicos, lo que equivale a 748 galones).
- El **período de servicio**, que indica el período cubierto por la factura.
- La **lectura actual** de su **medidor**.
- La **lectura anterior** de su **medidor**.
- El **consumo** total de agua, que se calcula restando la **lectura anterior** de la lectura actual.
- El **consumo** total se utiliza para calcular el **cargo por consumo**.
- El número aproximado de **galones** utilizados durante el período de servicio.

TARIFAS DE AGUA DE WVWD

Estamos aquí para ayudarle a comprender cómo se calcula su factura de agua.



Su factura mensual contiene al menos dos tipos de cargos: un cargo mensual por el servicio y un cargo por la cantidad de agua que consume. También puede haber otros cargos, como el impuesto municipal sobre los usuarios de servicios públicos.

Aquí tienes un resumen:

Cargos mensuales por servicios

El cargo mensual por servicio es un cargo por disponibilidad aplicable a todos los servicios medidos. Una vez instalado el medidor, comienza el cargo mensual por disponibilidad, que solo finaliza cuando se retira el medidor o se interrumpe el servicio de agua en la ubicación. El cargo se basa en el tamaño del medidor de agua instalado en la ubicación.



Tarifas por consumo de agua “Tarifas variables”

Se le cobra según la cantidad de agua que consume. Cuanto más consume, mayor será su factura de agua. Las tarifas por tramos premian a los clientes que consumen menos agua cobrándoles menos por unidad de agua. Una unidad de agua equivale a 748 galones.

El nivel uno incluye de 1 a 10 unidades de agua con un coste de \$2.33 dólares por unidad.

El nivel dos incluye de 11 a 30 unidades de agua con un coste de \$2.54 dólares por unidad.

El nivel tres incluye todo lo que supere las 30 unidades de agua con un coste de \$2.73 dólares por unidad.

*Las tarifas están sujetas a cambios.



Responsabilidades del propietario



Durante los últimos años, WVWD ha experimentado un gran aumento de población, muchos de los cuales son inquilinos que se mudan sin pagar sus facturas de agua. Históricamente, estas facturas impagadas deben repercutirse a otros usuarios del distrito.

Para evitar esta desigualdad, la Junta Directiva ha adoptado la siguiente política.

Sección 31701 del Código de Aguas de California

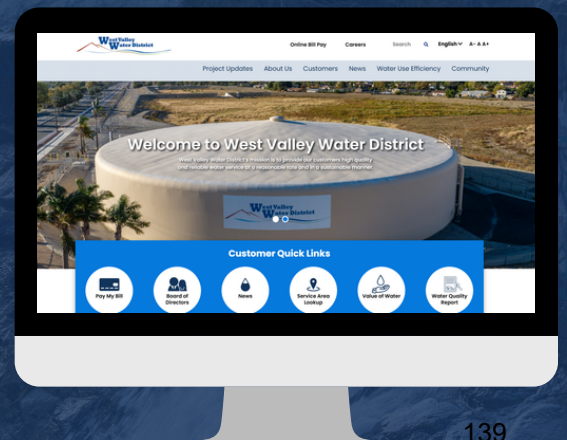
De conformidad con el Código de Aguas de California, Sección 31701, y el Reglamento de Servicios de Agua de WVWD, Artículo 13, el propietario será responsable de todos los cargos adeudados al Distrito, independientemente de si vive en la propiedad o firma la solicitud de servicio de agua.

Todas las facturas impagadas se convertirán en un gravamen sobre la propiedad para la que se solicitó el servicio, de conformidad con el Código de Aguas de California, sección 31701.5 y siguientes, y el Reglamento de Servicios de Agua de WVWD, artículo 13.



¿Dónde puedo obtener más información?

¡Estamos aquí para ayudarle! Si tiene alguna pregunta sobre nuestro sistema de tarifas de facturación, visite nuestro sitio web www.wvwd.org/billing-rates o póngase en contacto con nuestro Departamento de Servicio al Cliente cinco días a la semana (de lunes a viernes, excepto festivos) por teléfono al 909-875-1804.



Portal de pagos en línea

Diseñado pensando en su comodidad, iPAY Smart es una forma segura de pagar sus facturas.

Queremos que su experiencia de facturación sea lo más fácil y cómoda posible. Por eso nos enorgullece presentar nuestro nuevo portal de pagos en línea: iPay Smart.

iPay Smart es una forma sencilla, segura y fácil de usar para gestionar su cuenta en cualquier momento y lugar. Tanto si está en casa como fuera de ella, este nuevo sistema le permite controlar su facturación con solo unos clics. Para registrarse, visite www.wvwd.org y haga clic en el portal de pago en línea.



Con iPay Smart, usted puede:



Configure el pago automático para pagar su factura automáticamente en la fecha de vencimiento o antes.



Pague y consulte sus facturas desde la comodidad de su hogar.



Forma de pago segura y protegida.



Reciba notificaciones por mensaje de texto y tenga la opción de pagar a través de mensaje de texto.



¿Tienes preguntas sobre tu portal?

Visite nuestra página de recursos dedicada en www.wvwd.org/paymentportal o visite nuestro Departamento de Atención al Cliente para aprender cómo configurar su cuenta.

Contáctenos:



(909) 875-1804

Otras opciones de pago

Creemos en el agua limpia y abundante, y en hacerle la vida más fácil. Por eso ofrecemos muchas formas diferentes de pagar su factura de agua.



PAGO DE FACTURAS POR BANCO EN LÍNEA

Regístrese en línea a través de su banco para que los pagos de las facturas de servicios sean deducidos de su cuenta bancaria en la fecha de vencimiento de la factura.

PAGO POR CORREO

Envíe sus pagos a:
West Valley Water District
PO Box 102060
Pasadena, CA 91189

PAY NEAR ME

Utilice el código de pago que aparece en su factura mensual. Lleve su código de pago a cualquier tienda participante (CVS Pharmacy, 7-Eleven y Family Dollar), entrégueselo al cajero y pague en efectivo. No hay cargos por procesamiento.

OTRAS PREGUNTAS?

Visite www.wvwd.org/biling-rates o llame a nuestro Departamento de Servicio al Cliente al (909) 875-1804.

PAGO TELEFÓNICO AUTOMÁTICO

Esto le permite pagar por teléfono de forma segura. Puede pagar con su tarjeta VISA o MasterCard. No se aceptan tarjetas de regalo de ningún tipo. Para empezar, busque su número de cuenta en su factura. A continuación, marque nuestro número de atención al cliente (909) 875-1804 y pulse «2» para conectarse al sistema. Siga las instrucciones que oiga e introduzca sus respuestas en su teléfono de tonos (disponible en español).

PAGO EN PERSONA

Lunes 8:00 a. m. – 5:30 p. m.
Martes 9:00 a. m. – 5:30 p. m.
Miércoles 8:00 a. m. – 5:30 p. m.
Jueves: 8:00 a. m. – 5:30 p. m.
Viernes: 8:00 a. m. – 5:30 p. m.
Sábado y domingo: CERRADO

Para su comodidad, hay un buzón para pagos en nuestra oficina del distrito, frente a la entrada del servicio de atención al cliente.

UBICACIONES DE SATÉLITES

Disponible en J Check Cashing.
11391 Cedar Ave. Unidad A.
Bloomington, CA 92316.
De lunes a domingo, de 9:30 a. m. a 6:00 p. m.

Tenga en cuenta que el pago tarda dos días en llegar a la oficina del distrito desde J Check Cash.

Recursos Comunitarios

¡El Distrito de Aguas de West Valley se enorgullece de ofrecer a nuestros clientes recursos gratuitos que promueven la conservación del agua en nuestra comunidad!



Talleres prácticos y técnicos

Invitamos a los miembros de la comunidad a participar en nuestros talleres de primavera y otoño. Los temas incluyen cómo cuidar las plantas resistentes a la sequía, la conversión del césped y mucho más.

Kit de conservación del agua



¡Consigue las herramientas que necesitas para reducir el consumo de agua en tu hogar! Este kit de conservación del agua **GRATUITO** proporciona herramientas y dispositivos que pueden mejorar la eficiencia del uso del agua en tu hogar. ¡Visita www.wvwd.org/waterconservationkit para conseguir el tuyo hoy mismo!

Consejos y trucos para ahorrar

¡Los pequeños cambios pueden marcar una gran diferencia! Desde soluciones rápidas en el hogar hasta un riego exterior más inteligente, hay muchas formas sencillas de ahorrar. Visite wvwd.org/conservation para obtener consejos sencillos que le ayudarán a utilizar el agua de forma inteligente.



¡Encuéntrenos en un evento comunitario cerca de usted!

¡Nuestro equipo de profesionales del agua está aquí para brindarle recursos! Normalmente puede encontrarnos en eventos comunitarios locales, contestando preguntas, compartiendo información y repartiendo dispositivos GRATUITOS para ahorrar agua. ¡Acérquese a saludarnos la próxima vez que nos vea!



Trivia Sobre el Agua de WVWD

¡Tómate un momento para poner a prueba tus conocimientos sobre el agua con algunas preguntas divertidas!

Porque el agua no solo es esencial... ¡también es fascinante!

- 💧 Tu cuerpo está compuesto por aproximadamente un 60 % de agua, ¡por eso es tan importante mantenerse hidratado!
- 💧 Un grifo que gotea una vez por segundo puede desperdiciar más de 3000 galones al año. ¡Eso es suficiente para darse más de 180 duchas!
- 💧 El agua que hay hoy en la Tierra lleva aquí más de 4000 millones de años. ¡El agua que bebes podría haber sido bebida alguna vez por un dinosaurio!
- 💧 Se necesitan unos 2 litros de agua para lavarse los dientes, si se deja el grifo abierto. ¡Ciérralo y ahorra agua!
- 💧 El agua se expande cuando se congela. Por eso las tuberías congeladas pueden reventar: ¡manténlas aisladas cuando haga frío!





OFICINA DEL DISTRITO

855 W. Baseline Road
Rialto, CA 92376

DIRECCIÓN POSTAL

P.O. Box 920
Rialto, CA 92377

HORARIO DE OFICINA

Lunes: 8:00 am - 5:30 pm
Martes: 9:00 am - 5:30 pm
Miércoles: 8:00 am - 5:30 pm
Jueves: 9:00 am - 5:30 pm
Viernes: 8:00 am - 5:30 pm

CONTACTO

Teléfono: 909-875-1804
Sitio web: www.wvwd.org

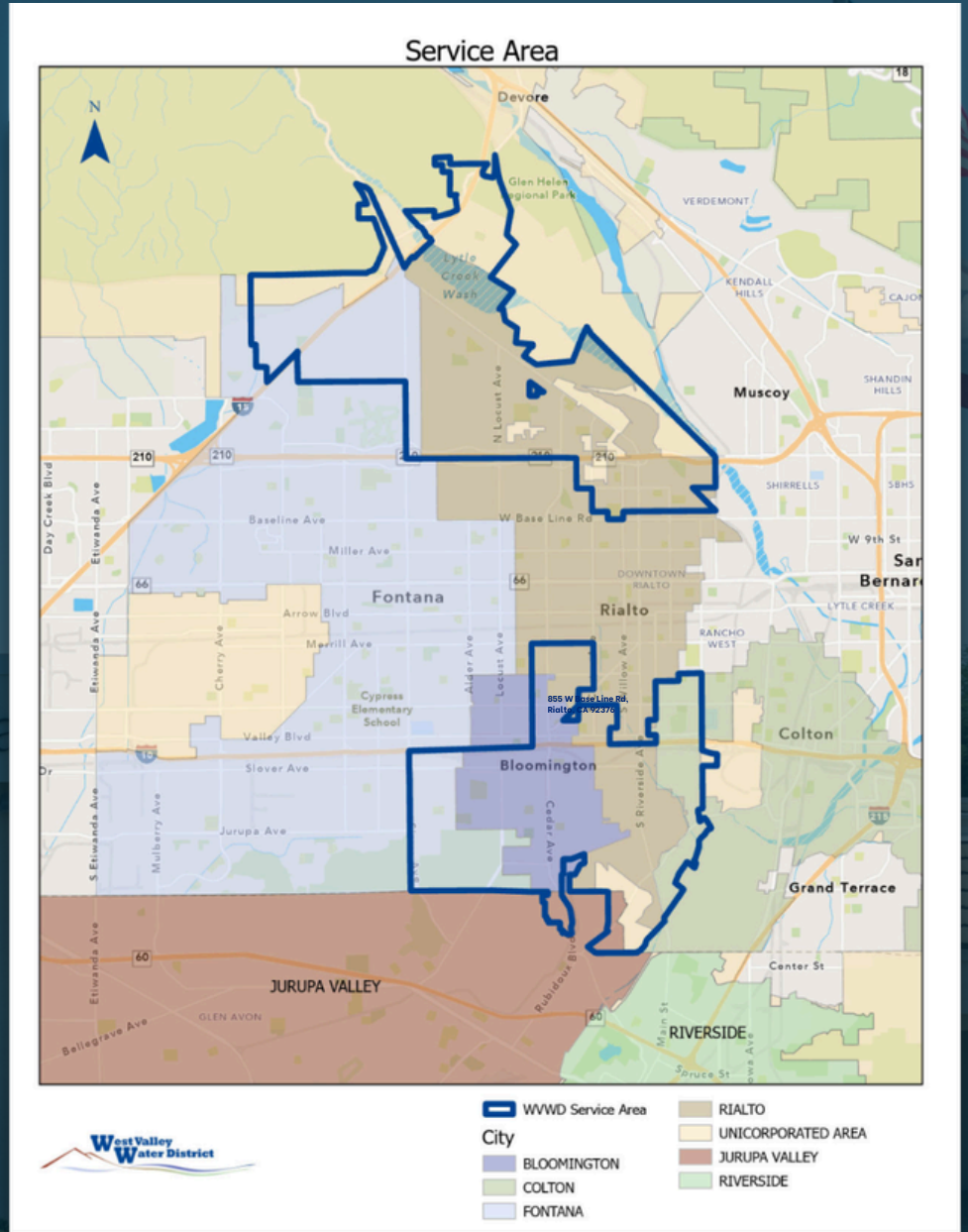
CONTACTO DE EMERGENCIA

Teléfono: 909-875-1804

NÚMEROS LOCALES IMPORTANTES

El Distrito de Agua de West Valley solo presta servicios de suministro de agua. Para obtener más información sobre aguas residuales y servicios públicos, póngase en contacto con la agencia correspondiente según su ubicación.

- Ciudad de Colton** (909) 370-5099
- Ciudad de Fontana** (909) 350-7600
- Ciudad de Rialto** (909) 820-2525
- Servicios de agua de Rialto** (909) 820-2546
- Ciudad de San Bernardino** (909) 384-5211
- Ciudad de Jurupa Valley** (951) 332-6464
- SoCal Gas** (877) 238-0092
- Southern California Edison** (800) 655-4555
- Oficina corporativa de Burrtec** (909) 429-4200



Como su proveedor de agua de confianza, West Valley Water District se compromete a ayudarle en cada paso del proceso. Si tiene preguntas sobre su servicio de agua, necesita ayuda para entender su factura o desea obtener más información sobre la conservación del agua, ¡estamos aquí para ayudarle!

APPLICATION FOR WATER SERVICE

APPLICATION CHECKLIST:

- Valid Identification/Driver's License
- Application/Processing Fee: \$25
- Deposit: Owner/Tenant \$95 - Commercial/Fire Service \$140 - Property Manger/Agent \$240
- Proof of Ownership (one of the following): Rental Agreement or Letter of Authorization from Owner; Final or Estimated Closing Statement; Assignment Letter & Listing Agreement for Real Estate Agents; Property Management Agreement for Property Managers
- Email applications to customerservice@wvwd.org or fax to (909) 875-1849

WVWD USE ONLY
ACCOUNT #:
REVIEWED BY:
DATE:

START DATE:		SELECT ONE OPTION: Owner Tenant Agent <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
PROPERTY ADDRESS:		ASSESSOR PARCEL NUMBER (APN):		
APPLICANT:				
DRIVER'S LICENSE:	LAST 4 DIGITS OF SSN/FED ID:		PHONE:	
EMAIL ADDRESS:				
CO-APPLICANT:				
DRIVERS LICENSE:	LAST 4 DIGITS OF SSN/FED ID:		PHONE:	
MAILING ADDRESS:				
PREVIOUS ACCOUNT OR ADDRESS WITH WVWD:				
EMERGENCY CONTACT:			PHONE:	
OWNER'S NAME:			OWNER'S PHONE:	
OWNER'S ADDRESS:				

AGREEMENT

For receipt of water service from West Valley Water District ("WVWD"), I agree to abide by the Water Service Regulations, Schedules of Rates and Charges, as adopted by the Board of Directors of the West Valley Water District, and as amended from time to time. I have read and understand (or I waive reading of) said Regulations and Schedules of Rates and Charges and acknowledge and agree to all the terms. I understand that a copy of the WVWD's Regulations and Schedules of Rates and Charges is available to me for reading and that copies are also available to me for purchase. I acknowledge that the West Valley Water District owns, operates, and maintains the portion of the water service line from the water main to the outlet of the gate valve on the downstream side of the meter, check valve or backflow prevention device ("Service Connection"). The Customer is responsible for the remaining portion of the service line to the residential unit being served (Customer Service Line). The Customer Service Line includes separate domestic water and fire sprinkler systems.

Applicant's Signature / Title (if applicant is a business)

Date

Co-Applicant's Signature

Date

Owner's Signature / Title (if applicant is a business)

Date

LISTA DE VERIFICACIÓN DE LA SOLICITUD:

- Identificación válida/Licencia de conducir
- Cuota de solicitud/procesamiento: \$25
- Depósito: Propietario/Inquilino \$95 - Comercial/Servicio de Bomberos \$140 - Administrador de Propiedad/Agente \$240
- Prueba de propiedad (una de las siguientes): Contrato de alquiler o Carta de autorización del propietario; Declaración de cierre final o estimada; Carta de cesión y acuerdo de listado para agentes inmobiliarios; Acuerdo de administración de propiedades para administradores de propiedades
- Envíe solicitudes por correo electrónico a customerservice@wvwd.org o por fax al (909) 875-1849

USO EXCLUSIVO DE WVWD

NÚMERO DE CUENTA:

REVISADO POR:

FECHA:

FECHA DE INICIO:		ELIJA UNA OPCIÓN:		
		Dueño	Inquilino	Agente
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DIRECCIÓN DE LA PROPIEDAD:			NÚMERO DE PARCELA DEL TASADOR (APN):	
SOLICITANTE:				
NUMERO DE LICENCIA DE CONDUCIR:	ÚLTIMOS 4 DÍGITOS DEL SSN/ID FEDERAL:	TELÉFONO:		
CORREO ELECTRÓNICO:				
CO-SOLICITANTE:				
NUMERO DE LICENCIA DE CONDUCIR:	ÚLTIMOS 4 DÍGITOS DEL SSN/ID FEDERAL:	TELÉFONO:		
DIRECCIÓN POSTAL:				
CUENTA O DIRECCIÓN ANTERIOR CON WVWD:				
CONTACTO DE EMERGENCIA:			TELÉFONO:	
NOMBRE DEL DUEÑO:		NUMERO DE TELÉFONO DE DUEÑO:		
DIRECCIÓN DE DUEÑO:				

ACUERDO

Para recibir el servicio de agua del West Valley Water District ("WVWD"), acepto y comprometo a cumplir con el Reglamento de Servicio de Agua y los Programas de Tarifas y Cargos, según lo adoptado por la Junta Directiva del West Valley Water District y según se enmienden de tiempo en tiempo. He leído y entiendo (o renuncio a la lectura de) dicho Reglamento y los Programas de Tarifas y Cargos, y reconozco y acepto todos sus términos. Entiendo que una copia del Reglamento y los Programas de Tarifas y Cargos del WVWD está disponible para mi lectura y que también puedo adquirir copias.

Reconozco que el West Valley Water District es propietario, opera y mantiene la parte de la línea de servicio de agua que va desde la tubería principal hasta la salida de la válvula de compuerta en el lado aguas abajo del medidor, válvula de retención o dispositivo de prevención de reflujo ("Conexión de Servicio"). El Cliente es responsable de la parte restante de la línea de servicio hasta la unidad residencial que recibe el servicio (Línea de Servicio del Cliente). La Línea de Servicio del Cliente incluye los sistemas separados de agua potable y de rociadores contra incendios.

Firma del solicitante / Cargo (si el solicitante es una empresa)

Fecha

Firma de Co-Solicitante

Fecha

Firma de Dueño / Título (si el solicitante es una empresa)

Fecha



Established as a public agency in 1952

855 W. Base Line Rd.
P.O. Box 920
Rialto, CA 92377-0920
Ph: 909-875-1804
www.wvwd.org

John Thiel, P.E., General Manager

Dear [CUSTOMER],

Welcome to the West Valley Water District (West Valley)! We are pleased to welcome you as a new customer and look forward to providing you with reliable, high-quality water service.

As you get started with your new account, here are a few key details to help you make the most of your service:

- **Monthly Billing:** Your water meter will be read once a month, and you will receive a bill around the same time each month.
- **Payment Options:**
 - Online: Visit www.wvwd.org (subscribe to autopay to make your payments convenient)
 - By phone: Call (909) 875-1804 (press 2)
 - By mail: Use the return envelope included with your bill,
 - In Person: Visit our customer service lobby during business hours.
- **Additional Payment Locations:** In-person payments (cash or check) can be made at any of our satellite locations (a map is enclosed for your reference). You can also make payments at participating PayNearMe locations such as 7-Eleven, CVS Pharmacy, and Family Dollar.

We encourage all customers to use water wisely, not only to protect our environment, but to ensure a sustainable water supply for our community now and into the future. At West Valley, we want to be your resource for all things water. From conservation tips to drought-tolerant landscaping ideas, we offer a variety of tools and information to help you make smart water choices.

If you have any questions or need assistance, our Customer Service team is here to help! You can reach us at (909) 875-1804 (press 3). Our office hours are Monday, Wednesday, Thursday, and Friday from 8:00 a.m. to 5:30 p.m., and Tuesday from 9:00 a.m. to 5:30 p.m.

We appreciate the opportunity to serve you and are committed to delivering exceptional service now and in the future.

Sincerely,
Customer Service Department



Establecida como una agencia pública en 1952.

855 W. Base Line Rd.
P.O. Box 920
Rialto, CA 92377-0920
Ph: 909-875-1804
www.wvwd.org

John Thiel, P.E., Gerente General

Estimado [CLIENTE],

Bienvenido al Distrito de Agua de West Valley (West Valley)! Nos complace dar la bienvenida a nuestros nuevos clientes y garantizarles un servicio de agua confiable y de alta calidad. Para familiarizarte con su nueva cuenta, aquí tienes algunos detalles para aprovechar al máximo su servicio:

- Facturación Mensual: su medidor de agua será revisado mensualmente y recibirá la factura correspondiente aproximadamente en la misma fecha cada mes.
- Opciones de Pago:
 - En línea: Visita www.wvwd.org (Suscríbese y pague automáticamente.)
 - Por teléfono: llama (909) 875-1804 (presiona el número 2)
 - Por Correo: Utilice el sobre de devolución incluido con su factura.
 - En Persona: Visite nuestra area de atención al cliente durante el horario comercial.
- Maneras de Pago Adicionales: Los pagos en persona (en efectivo o cheque) se pueden realizar en cualquiera de nuestras ubicaciones satélite (se incluye un mapa para su referencia). También puede realizar pagos en los lugares participantes de PayNearMe, como 7-Eleven, CVS Pharmacy y Family Dollar.

Alentamos a todos los clientes a usar el agua de manera responsable, no solo para proteger nuestro naturaleza, también para garantizar un suministro sostenible de agua para nuestra comunidad ahora y en el futuro. En West Valley, queremos ser su recurso para todo lo relacionado con el agua. Desde consejos de conservación hasta ideas para jardines resistentes a la sequía, ofrecemos una variedad de herramientas e información para ayudarle a tomar decisiones inteligentes sobre el uso del agua.

Si tienes alguna pregunta o necesitas asistencia, ¡nuestro equipo de Atención al Cliente aquí esta para ayudarle! Nos puedes alcanzar en (909) 875-1804 (presiona el número 3). Nuestro horario de oficina es Lunes, Miércoles, Jueves, y Viernes de 8:00 a.m. a 5:30 p.m., y los Martes de 9:00 a.m. a 5:30 p.m.

Agradecemos la oportunidad de servirle y estamos comprometidos a brindarle un servicio excepcional ahora y en el futuro.

Atentamente,
Departamento de Atención al Cliente.

Junta
Directiva

Kelvin Moore
Presidente, Division 3

Angela Garcia
Vicepresidenta, Division 1

Dan Jenkins
Director, Division 2

Estevan Bennett
Director, Division 4

Greg Young
Director, Division 5



STAFF REPORT

DATE: June 4, 2026
TO: Board of Directors
FROM: Socorro Pantaleon, Public Outreach & Government Affairs Manager
SUBJECT: California State University, San Bernardino Institute for Watershed Resiliency (IWR) Watershed Fellowship Career Pathway Program - Sponsorship

STRATEGIC GOAL:

Strategic Goal 3 - Develop and Grow Effective Communication and Advocacy Practices; Objective 3B - Present the District as a Proactive Community Partner; Objective 3E - Promote Public Awareness of the Value of WVWD

MEETING HISTORY:

External Affairs Committee - 04.27.26

BACKGROUND:

West Valley Water District (WVWD) is committed to supporting the communities it serves through education, outreach, and public engagement. As part of this commitment, the District regularly receives requests from local organizations seeking sponsorship's for community events, programs, and public initiatives that align with District goals and values.

To ensure consistency, transparency, and responsible use of public funds, the District adopted a Sponsorship Policy that establishes criteria, guidelines, and approval processes for sponsorship requests. The policy also provides for regular reporting to maintain Board oversight and accountability.

DISCUSSION:

The California State University, San Bernardino Institute for Watershed Resiliency (IWR) Watershed Fellowship Career Pathway Program (Fellowship) provides California State University, San Bernardino students with paid opportunities to connect environmental science and water resource management with community engagement and workforce development. Through the Fellowship, students volunteer with community organizations, obtain professional certifications and water monitoring training, conduct field research, and gain hands-on experience working alongside environmental agencies and community partners. The program is designed to prepare students for careers in the water and environmental sectors and develop a skilled workforce pipeline for agencies such as WVWD.

The IWR has requested a sponsorship contribution of \$5,000 to support Fellowship-related expenses, including personal protective equipment (PPE), conference registration fees, examination fees, and other program needs. In partnership with the IWR, WVWD may also have opportunities to collaborate with Fellowship participants on future District initiatives and community engagement activities, such as STEM education events, field research projects, water quality monitoring, and other workforce development efforts.

The proposed sponsorship aligns with WVWD's commitment to education, environmental stewardship, and community investment. Supporting the Fellowship program would strengthen regional workforce development efforts, foster student engagement in the water industry, and promote the long-term sustainability of water resources through the development of trained and experienced future professionals.

FISCAL IMPACT:

The proposed sponsorship in the amount of \$5,000 would be funded through the District's approved community sponsorship budget.

REQUESTED ACTION:

Staff recommends to the Board of Directors to:

1. Approve a sponsorship in the amount of \$5,000 to the California State University, San Bernardino Institute for Watershed Resiliency Watershed Fellowship Career Pathway Program in accordance to the District's Sponsorship Policy.

Attachments

[CSUSB IWR and WVWD Collaboration Vision.pdf](#)

[IWR Program Overview Fall 2025 \(2\).pdf](#)

Building Resilient Watersheds and Sustainable Communities: A Shared Vision Between the CSUSB Institute for Watershed Resiliency and West Valley Water District

The California State University San Bernardino Institute for Watershed Resiliency (IWR) and the West Valley Water District (WVWD) share a powerful and complementary vision for the future of water management in the Inland Empire. Both organizations are rooted in a commitment to sustainability, innovation, regional collaboration, and community advancement—principles that form the foundation of resilient water systems and thriving communities.

IWR’s guiding statement “*Impact the present. Change the future.*” captures a proactive philosophy that aligns directly with WVWD’s 2024 Strategic Plan. As a campus-based nonprofit, IWR leads and advocates for community-university partnerships that address complex water resource challenges across diverse social, economic, and environmental landscapes. Through environmental education, workforce readiness programs, and stewardship initiatives, IWR prepares students and communities to confront dynamic water resource, public health, and ecological challenges using interdisciplinary and collaborative approaches.

Similarly, WVWD’s mission to provide high-quality and reliable water service in a cost-effective and sustainable manner—reflects a forward-looking commitment to responsible water management. The District’s vision to serve as a *model for innovation and sustainability* mirrors IWR’s emphasis on interdisciplinary solutions and real-world impact. Both institutions recognize that sustainability is not only about infrastructure and supply reliability but also about investing in people, partnerships, and long-term environmental stewardship.

Advancing a Safe, Reliable, and Sustainable Water Supply

WVWD’s primary goal to *manage and deliver a safe, reliable, and sustainable water supply* is strengthened by IWR’s research, applied learning programs, and watershed-based initiatives. By educating the next generation of water professionals through programs such as Watershed Resiliency Career Pathways and Professional Development Incentive Programs, IWR helps develop a skilled workforce equipped to implement innovative and sustainable water solutions. This directly supports WVWD’s objectives related to sound planning, innovation, regulatory compliance, and long-term sustainability.

Through collaborative research and community engagement, IWR contributes to informed decision-making and science-based strategies that enhance water reliability and ecological health—core elements of WVWD’s strategic framework.

Strengthening Regional Partnerships



WVWD identifies itself as a *Regional Partner* committed to proactive leadership in collaborative projects that improve community and water supply resilience. IWR's mission is fundamentally partnership-driven, bringing together universities, public agencies, community organizations, and industry stakeholders to mitigate complex water resource challenges.

The alignment is clear: IWR serves as a bridge between academic innovation and practical implementation, while WVWD provides the operational leadership and infrastructure necessary to bring solutions to scale. Together, they can strengthen regional water resilience, expand educational outreach, and improve cross-sector collaboration.

Innovation and Sustainability as Core Values

Innovation is a central value for both institutions. WVWD fosters creativity and ingenuity to strengthen services and programs, while IWR promotes interdisciplinary problem-solving and applied research to address evolving environmental challenges. By integrating academic research with district-level implementation strategies, both organizations advance best practices and innovative solutions that support long-term sustainability.

Moreover, IWR's stewardship-focused model supports WVWD's commitment to environmental responsibility and sustainable water management practices that ensure long-term organizational success.

Workforce Development and Organizational Excellence

WVWD's strategic goals include being an exemplary employer and a preferred workplace that promotes diversity, equity, and inclusion. IWR's workforce readiness programs directly support this objective by cultivating diverse talent pipelines and preparing students from the region to enter water and environmental careers.

Through internships, professional development incentives, and experiential learning, IWR equips students with the technical skills, regulatory knowledge, and collaborative mindset necessary to contribute meaningfully to agencies like WVWD. This partnership not only strengthens the District's workforce development goals but also reinforces community investment and economic mobility.

Communication, Advocacy, and Public Trust

WVWD emphasizes effective communication, advocacy, public trust, and transparency. IWR's community engagement and educational outreach initiatives enhance public understanding of watershed systems, environmental health, and water sustainability. By empowering communities with knowledge and encouraging stewardship, IWR helps build the informed and engaged public that WVWD seeks to serve.



Together, these organizations can amplify messaging around conservation, sustainability, and innovation—strengthening public trust and reinforcing the shared commitment to responsible water management.

A Unified Path Forward

At their core, both the CSUSB Institute for Watershed Resiliency and the West Valley Water District are committed to shaping a resilient and sustainable future for the communities they serve. IWR contributes education, research, and workforce development that build long-term capacity. WVWD delivers essential services through innovation, sound planning, and responsible stewardship.

By aligning academic expertise with operational leadership, this partnership exemplifies how community-university collaboration can impact the present and change the future, so we collectively ensure safe, reliable, and sustainable water resources for generations to come.



Institute for Watershed Resiliency, California State University, San Bernardino

At the heart of the Inland Empire, the **Institute for Watershed Resiliency (IWR)** is empowering the next generation of environmental leaders to protect and restore California's vital water resources. Our mission is to **build bridges between classrooms, communities, and careers** — tackling complex water and environmental challenges through **education, applied research, and hands-on workforce training**.

Our Mission

The IWR leads and advocates for **community–university partnerships** that strengthen environmental stewardship and workforce readiness. Together with students, faculty, and local agencies, we strive to create a more **resilient, equitable, and sustainable future** across diverse social, economic, and ecological landscapes.

Transformative Programs that Make an Impact

Watershed Fellowship Career Pathways (WFCP)

Our signature **Watershed Fellowship Career Pathways** program immerses students in **real-world, interdisciplinary experiences** that connect environmental science, policy, and community engagement.

Fellows gain professional certifications, field experience, and leadership training while contributing to projects that make a measurable difference in local watersheds.

Student opportunities include:

- **Service learning:** Volunteering with community organizations for at least 10 hours.
- **Professional certifications:** CEQA, NEPA, Project WET, and water monitoring training.
- **Career readiness:** Training with the CSUSB Career Center to build communication, networking, and leadership skills.
- **Field research:** Monitoring surface water, studying watershed landscapes, and supporting community water equity initiatives.
- **Peer mentorship & outreach:** Sharing experiences to inspire new participants and demonstrate the value of applied learning and financial support.

Professional Development Incentive Program (P-DIP)

The P-DIP program fuels **student and faculty innovation** by providing financial support for **professional growth, fieldwork, and research collaboration**.

Funding supports:

- **Student professional development** — attendance at conferences, workshops, and certification programs like CEQA and NEPA.
- **Faculty–student–community research teams** — short-term projects that lead to long-term community impact.
- **Field experiences** — applied, interdisciplinary exploration of real-world watershed issues.
- **K–12 and public education initiatives** — developing environmental education curricula and lesson plans that bring water science into classrooms across the Inland Empire.

Benefits Beyond the Classroom

For Students

- Hands-on experience with environmental agencies and community partners.
- Professional certifications and workforce-ready skills.
- Mentorship from expert faculty and practitioners.
- Financial support to pursue research, training, and leadership opportunities.

For the Community

- Collaborative solutions to local watershed and water equity issues.
- Expanded K–12 and public environmental education programs.
- Stronger partnerships between CSUSB and regional organizations.

For the Workforce

- A diverse, skilled pipeline of graduates ready to meet California’s water resource and environmental management needs.
- Applied, interdisciplinary training that directly aligns with the demands of public agencies, private firms, and nonprofit sectors.

Join Us — Partner & Support the Future



As a campus-based **nonprofit organization**, the IWR thrives through **partnerships and financial support**. Your contribution helps us expand student learning opportunities, grow community projects, and prepare tomorrow's environmental workforce.

Together, we can cultivate resilience — one watershed, one student, and one partnership at a time.

Learn more about our programs and how to support our mission at:
csusb.edu/institute-watershed-resiliency



STAFF REPORT

DATE: June 4, 2026
TO: Board of Directors
FROM: Joanne Chan, Director of Operations
SUBJECT: Water Spreading Agreement with the San Bernardino County Flood Control District

STRATEGIC GOAL:

Strategic Goal 4 - Strengthen Partnerships with Outside Agencies; Objective 4B - Be Recognized as a Leader and Effective Regional Collaborator

MEETING HISTORY:

Engineering, Operations and Planning Committee - 04.29.26

BACKGROUND:

In December 2012, the West Valley Water District (District) and the San Bernardino County Flood Control District (SBCFCD) entered into an agreement authorizing the temporary spreading of treated water in Cactus Basin No. 2 in support of the Fluidized Bed Reactor Groundwater Treatment Plant (FBR). The agreement was subsequently amended twice and expired on May 24, 2026.

District staff has identified the need to extend the agreement for an additional five (5) years and increase the allowable discharge volume from 800 acre-feet per year to 1,200 acre-feet per year to support expanded groundwater plume remediation activities.

The District operates the FBR to remove perchlorate from groundwater extracted from the Rialto-06 well in the Rialto-Colton Basin. In a 2022 Record of Decision, the United States Environmental Protection Agency (EPA) established a cleanup plan for the basin that supports the continued extraction and treatment of groundwater from this well. All off-specification FBR water is further treated through the ion-exchange facility for perchlorate prior to discharge into Cactus Basin No. 2, which is owned and maintained by the SBCFCD.

District Legal Counsel has reviewed the agreement and has no objections. A copy of the agreement is attached as **Exhibit A**.

DISCUSSION:

The EPA has provided a letter of support to the SBCFCD indicating that the proposed increase in spreading volume will not adversely impact the migration of contaminated groundwater (see **Exhibit B**). The SBCFCD is currently evaluating the feasibility of accommodating the increased discharge volume and has requested that the new agreement be limited to a one-year term because the previous agreement has expired. If the increased discharge capacity is determined to be feasible, the parties may subsequently amend the agreement to authorize additional discharge capacity and extend the term of the agreement.

FISCAL IMPACT:

All associated costs are reimbursable. Raytheon Technologies will reimburse the District for the full amount of fees and related expenses payable to the SBCFCD.

REQUESTED ACTION:

Staff recommends that the Board of Directors to:

1. Approve the Water Spreading Agreement with the San Bernardino County Flood Control District.
2. Authorize the General Manager to execute all necessary documents and future amendments.

Attachments

[Exhibit A - Agreement.pdf](#)

[Exhibit B - Support Letter.pdf](#)

EXHIBIT A



Contract Number

SAP Number

San Bernardino County Flood Control District

District Contract Representative	Michael Fam, P.E.
Telephone Number	909-387-8120
Contractor	West Valley Water District
Contractor Representative	John Thiel, PE, MBA
Telephone Number	909-820-3706
Contract Term	June 9, 2026 – June 8, 2027
Original Contract Amount	
Amendment Amount	
Total Contract Amount	
Cost Center	
Grant Number (if applicable)	Not Applicable

IT IS HEREBY AGREED AS FOLLOWS:

WHEREAS, West Valley Water District (WVWD) has constructed a Water Treatment Facility as part of WVWD's Groundwater Wellhead Treatment System Project (Project); and

WHEREAS, as part of the Project, DISTRICT issued encroachment permit P-22011022, a copy of which is attached hereto as Exhibit A and incorporated herein by this reference, to WVWD to construct, operate, and maintain a 24-inch reinforced concrete pipe to spread Treated Water (WATER) into DISTRICT's Cactus Basin No. 2 (BASIN 2); and

WHEREAS, Special Provision No. 2 of permit P-22011022 requires that prior to the 24-inch reinforced concrete pipe becoming operational, WVWD and DISTRICT shall enter into a Water Spreading Agreement; and

WHEREAS, a Technical Memorandum, dated January 27, 2016, prepared by WVWD and incorporated herein by reference, provides technical data, including groundwater quality, quantity, and duration of planned WATER spreading activities in BASIN 2; and

WHEREAS, both the United States Environmental Protection Agency (USEPA) and the Santa Ana Regional Water Quality Control Board (SARWQCB) reviewed the Technical Memorandum and each agency issued a letter dated February 8, 2016, copies of which are attached hereto as Exhibit B and incorporated herein by this reference; and

WHEREAS, both USEPA and SARWQCB stated in their respective letters that the WATER spreading activity in BASIN 2 will not adversely affect the movement of the existing contaminated groundwater; and

WHEREAS, the DISTRICT and WVWD entered into Water Spreading Agreement No. 16-256 (Agreement No. 16-256) on May 24, 2016, to spread WATER in BASIN 2; and

WHEREAS, on June 13, 2017, DISTRICT approved the First Amendment to Agreement No. 16-256, allowing WVWD to spread up to 800 acre feet of WATER per year for the period of June 27, 2017, to May 24, 2021; and

WHEREAS, on March 2, 2021, DISTRICT approved the Second Amendment to Agreement No. 16-256, allowing WVWD to continue to spread up to 800 acre feet of WATER per year for the period of June 27, 2021, to May 24, 2026; and

WHEREAS, Agreement No. 16-256 expired on May 24, 2026; and

WHEREAS, the Parties seek to extend into a new Agreement for a term of one year to allow the Parties to evaluate whether additional amounts of WATER may be spread in BASIN 2 and, if feasible, may seek to amend this Agreement to allow for such additional amounts; and

WHEREAS, the Parties also seek to evaluate the amount of payment made to DISTRICT per acre-foot of WATER for the use of Basin 2 by WVWD for WATER spreading, and

WHEREAS, such spreading of WATER will benefit DISTRICT, since water conservation and recharge are part of DISTRICT's mission as set forth in the San Bernardino County Flood Control District Act and this activity has been found by DISTRICT to not interfere with DISTRICT's primary statutory objectives and purposes to provide for the control of flood and storm waters; and

WHEREAS, DISTRICT and WVWD, in accordance with their respective acts and powers, desire to cooperate in a program to conserve WATER for the purpose of recharging the underground aquifer within BASIN 2.

NOW, THEREFORE, the DISTRICT and WVWD mutually agree to the following terms and conditions:

I. DISTRICT SHALL:

A) Permit WVWD to supervise, operate and maintain discharge and spreading facilities and appurtenances into BASIN 2 provided that said use does not conflict with DISTRICT's activities within BASIN 2 and/or DISTRICT's rights as a property owner. Discharge and spreading facilities and appurtenances are defined as including, but not limited to: pipes, head walls, energy dissipaters, splash pads, rip-rap slope protection, outlet structure with side walls, end and/or cutoff-walls, flap gates and debris grates. As of the date of this Agreement, the parties do not envision that WVWD's activities will conflict with DISTRICT's flood control activities.

B) Notify WVWD, in accordance with Section IV, when it is necessary to suspend or terminate WVWD's use of BASIN 2 for the spreading of WATER.

C) Maintain records of labor, equipment, and materials expended by DISTRICT on behalf of WVWD for activities associated with the spreading of WATER pursuant to this Agreement, and make such records available to WVWD (or copies thereof) upon request.

D) Provide WVWD with names and phone numbers of DISTRICT emergency contact personnel to be included in Exhibit C titled "EMERGENCY CONTACT PERSONNEL" attached hereto. DISTRICT shall provide a revised list of emergency contact personnel within thirty (30) days of any such revision to DISTRICT emergency contact personnel.

II. WVWD SHALL:

- A) Procure and maintain all necessary and applicable permits and approvals from other property owners, if any, necessary for the delivery facilities for the proposed WATER spreading operation in BASIN 2 at no cost whatsoever to DISTRICT. WVWD is to be solely responsible for all costs associated with its WATER spreading activities pursuant to this Agreement.
- B) Reserved.
- C) Arrange and deliver discharges for term of this Agreement for an annual amount not to exceed eight hundred (800) acre feet of WATER into BASIN 2.
- D) Subject to the volume limitation in paragraph (C), above, the monthly discharges into BASIN 2 shall not exceed a flow rate of two thousand (2,000) gallons per minute or approximately 4.5 cubic feet per second within a 24 hour period during the term of this Agreement.
- E) Ensure that all WATER discharged into BASIN 2 meets any and all applicable federal and state water quality standards, including, but not limited to, the Porter-Cologne Water Quality Control Act (Cal. Water Code section 13000 et seq.) and any and all permits, plans, policies, waste discharge requirements, National Pollution Discharge Elimination System permits under the federal Clean Water Act (33 U.S.C. section 1251 et seq.; Cal. Water Code sections 13263 and 13377) developed and implemented by the State Water Resources Control Board, the applicable regional water quality control boards, and California Department of Public Health. Copies of such permits and approvals shall be provided to the DISTRICT.
- F) Maintain all necessary operations, control, and surveillance of WVWD's WATER spreading facilities. WVWD is responsible for all maintenance activities related to WVWD's WATER spreading activities, including, but not limited to, controlling any and all vectors and vegetation that may occur either directly or indirectly due to WVWD's WATER spreading operation in BASIN 2, including any impacts to the Rialto Channel downstream.
- G) Regularly patrol and maintain surveillance of all areas directly affected by the spreading of WATER to deter trespass. Records of surveillance shall be kept by WVWD and made available to DISTRICT upon request.
- H) Maintain a detailed weekly record of the amount of WATER discharged into BASIN 2. The detailed weekly report prepared by the WVWD shall be submitted to the DISTRICT on a monthly basis. The DISTRICT may revise the frequency of reporting by providing written notice to WVWD.
- I) Obtain all legally required applicable permits, authorization, or approvals as may be necessary or required by any local, state, or federal agencies for WVWD's handling, spreading, or conserving WATER in BASIN 2 at no cost to DISTRICT.
- J) Be responsible for all regulatory costs associated with WVWD's obligations under Paragraph I of this Section, as well as all other costs associated with the handling, spreading or conserving of WATER in BASIN 2. Such costs may include, but are not limited to, regulatory permitting costs, compliance and enforcement costs, as well as regulatory costs and/or increased operation and maintenance costs incurred by DISTRICT.
- K) Cause repairs to be made as soon as possible to restore to prior condition any DISTRICT facilities, utilities, roads, and/or other improvements damaged by, or as a result of, WVWD's activities under this Agreement, wear and tear included. DISTRICT's facilities include, but are not limited to, Cactus Basins 1 and 2 and Rialto Channel, downstream to its confluence with the Santa Ana River.
- L) Effect such well water level measurements and take water quality samples in BASIN 2 and at other sites designated by the parties in the course of normal operations. Copies of all such well water level measurements and water quality sample results shall be provided to the DISTRICT upon written request.
- M) Reimburse DISTRICT for all expenses incurred for work performed, at WVWD's request, within thirty (30) days of receipt of an invoice therefor, in accordance with all of the provisions under Section J above, and Exhibit D and for all other expenses incurred by the DISTRICT that are directly or indirectly associated with the spreading of WATER by WVWD in BASIN 2. DISTRICT shall be reimbursed for DISTRICT's actual costs, plus overhead.

- N) Immediately suspend WATER spreading operations at the request of DISTRICT in accordance with Sections I and IV of this Agreement and allow DISTRICT to operate BASIN 2 as specified therein.
- O) Maintain measurements and records of flows into BASIN 2 including depth of ponded water. Copies of all such measurements and records of flows shall be provided to the DISTRICT upon written request.
- P) Provide and maintain an automated system to interrupt the WATER spreading to accommodate emergency conditions and DISTRICT's operation and maintenance of BASIN 2.
- Q) On an annual basis, pay twenty dollars (\$20.00) per acre-foot of WATER to DISTRICT for the use of Basin 2 for WATER spreading.
- R) Prior to exercising any of its rights under this Agreement, WVWD shall provide in writing to DISTRICT the names and phone numbers of WVWD emergency contact personnel to be included in Exhibit C, titled "EMERGENCY CONTACT PERSONNEL" attached hereto. WVWD shall provide a revised list of emergency contact personnel within thirty (30) days of any such revision of WVWD emergency contact personnel.
- S) Be responsible for the supply of WATER at the outlet of the turnout structures.
- T) Submit plans for DISTRICT's review and approval where WVWD desires to construct improvements within BASIN 2, which approval shall not be unreasonably withheld, delayed or conditioned. With DISTRICT's written concurrence, which concurrence shall not be unreasonably withheld, delayed or conditioned, WVWD may contract with any other public or private entity or entities to provide said improvements. When other than DISTRICT provides improvements, WVWD shall defend, indemnify and hold the DISTRICT and San Bernardino County ("County") free and harmless from all claims, damages, losses or expenses arising out of the construction of said improvements in accordance with Section II, U of this Agreement. Any and all procurement of labor, equipment, materials, and services necessary to carry out construction of improvements shall be in accordance with the normal bidding and procurement procedures and policies of WVWD and shall comply with all applicable provisions of state law, including but not limited to, the Labor Code.
- U) To the fullest extent permitted by law, WVWD shall indemnify, defend (at WVWD's sole cost and expense and with legal counsel approved by DISTRICT, which approval shall not be unreasonably withheld), protect, and hold harmless DISTRICT, County, and all of their respective authorized representatives, designees, officers, employees, consultants, agents, volunteers, successors and assigns, (collectively, the "Indemnified Parties"), from and against any and all claims (including, without limitation, claims for bodily injury, death or damage to property), demands, obligations, damages, actions, administrative actions, administrative orders, investigations, causes of action, suits, losses, judgments, fines, penalties, liabilities, costs and expenses (including, without limitation, attorneys' fees, disbursements and court costs, and all other professional, expert or consultants' fees and costs and DISTRICT's general and administrative expenses) of every kind and nature whatsoever (individually, a "Claim"; collectively, "Claims") which may arise from or in any manner related (directly or indirectly) to any work performed or services provided under this Agreement (including, without limitation, defects in workmanship or materials, or a release or threatened release of any hazardous substance or hazardous waste into the environment, land subsidence, liquefaction, seepage to low lying lands, and introduction and/or mobilization of contamination or pollutants in groundwater) or WVWD's presence or activities conducted on the Project (including, without limitation, the negligent and/or willful acts, errors and/or omissions of WVWD, its principals, officers, agents, employees, vendors, suppliers, consultants, subconsultants, subcontractors, anyone employed directly or indirectly by any of them or for whose acts they may be liable or any or all of them), regardless of any active or passive negligence or strict liability of an Indemnified Party. As used herein, the phrases "contamination", "pollutants", "hazardous substance" and "hazardous waste" shall coincide with the broadest definition thereof contained in any present or future federal or state laws (including, without limitation, the Comprehensive Environmental Response, Compensation and Liability Act, 42 U.S.C. Section 9601 et seq., as amended or superseded, and the regulations promulgated thereunder; the Resource Conservation and Recovery Act, 42 U.S.C. Section 6901 et seq., as amended and superseded, and the regulations contained in 40 CFR Parts 260-281; the Toxic Substances Control Act (15 U.S.C. Sections 2601 et seq.) and the regulations contained in 40 CFR Parts 761-766; the California Porter-Cologne Water Quality Control Act of 1969, Water

Code Section 13000 et seq., including all applicable regulations; the California Health and Safety Code, Section 25117 (West 1992 & Supp. 1996); the California Public Resources Code, Section 40141 (West 1996); the Carpenter-Presley-Tanner Hazardous Substance Account Act (California Health and Safety Code Section 25300 et seq.), and Titles 22 and 26 of the California Code of Regulations and other regulations promulgated thereunder; radioactive materials which are source, special nuclear or by-product material as defined by the Atomic Energy Act of 1954 (42 U.S.C. Section 2011 et seq.) and the regulations contained in 10 CFR Part 40). WVWD understands and acknowledges that the indemnification obligation hereunder is intended to constitute a "Type 1" indemnity under California law and extends to and includes Claims arising from the active or passive negligence of Indemnified Parties. Notwithstanding the foregoing, nothing herein shall be construed to require WVWD to indemnify the Indemnified Parties from any Claim arising from the gross negligence, intentional acts or willful misconduct of the Indemnified Parties, or any of them with respect to the operation and maintenance of DISTRICT's BASIN 2. This provision shall survive the termination of any other agreement between the WVWD and the DISTRICT. THE FOREGOING INDEMNITY SHALL NOT HAVE ANY DOLLAR LIMITATION. The foregoing indemnity is for the exclusive benefit of the Indemnified Parties and in no event shall such indemnity inure to the benefit of any third party. The duty to defend hereunder is wholly independent of and separate from the duty to indemnify. Such defense obligation shall arise immediately upon presentation of a Claim by any party and written notice of such Claim being provided to WVWD. Payment to WVWD by any Indemnified Party or the payment or advance of defense costs by any Indemnified Party shall not be a condition precedent to enforcing such Indemnified Party's rights to indemnification hereunder. WVWD's indemnification obligation and duty to defend hereunder shall survive the expiration or earlier termination of this Agreement until such time as action against the Indemnified Parties for such matter indemnified hereunder is fully and finally barred by the applicable statute of limitations or statute of repose. WVWD's liability for indemnification hereunder is in addition to any liability WVWD may have to DISTRICT for a breach by WVWD of any of the provisions of this Agreement. Under no circumstances shall the insurance requirements and limits set forth in this Agreement be construed to limit WVWD's indemnification obligation or other liability hereunder. The terms of this Agreement are contractual and the result of negotiation between the parties hereto. Accordingly, any rule of construction of contracts (including, without limitation, California Civil Code Section 1654) that ambiguities are to be construed against the drafting party shall not be employed in the interpretation of this Agreement.

III. INSURANCE

A) Without in anyway affecting the indemnity herein provided and in addition thereto, the WVWD shall secure and maintain throughout the Agreement the following types of insurance with limits as shown:

1) Commercial/General Liability - WVWD shall carry General Liability Insurance covering all operations performed by or on behalf of WVWD providing coverage for bodily injury and property damage with a combined single limit of five million dollars (\$5,000,000), per occurrence. The policy coverage shall include:

- A) Premises operations and mobile equipment.
- B) Products and completed operations.
- C) Broad form property damage (including completed operations).
- D) Explosion, collapse and underground hazards.
- E) Personal injury.
- F) Contractual liability.
- G) Pollution liability.

2) Workers' Compensation - A program of Worker's Compensation insurance or a state approved Self-Insurance Program in an amount and form to meet all applicable requirements of the Labor Code of the State of California, including Employer's Liability with one million dollars (\$1,000,000) limits, covering all persons providing services on behalf of the WWJD and all risks to such persons under this Agreement.

3) Automobile Liability Insurance - This coverage shall be written on ISO Business Auto coverage form for all owned, hired and non-owned vehicles or symbol 1 (any auto). The policy shall have combined single limits for bodily injury and property damage of not less than one million dollars (\$1,000,000) for bodily injury and property damage, per occurrence.

4) Environmental Impairment Liability - Provide liability insurance for environmental impairment including cleanup costs, and endorsed for "Sudden and Accidental" contamination or pollution. Such coverage shall be in an amount and form to meet all applicable state and federal requirements but in no event less than five million dollars (\$5,000,000) per occurrence, or fifteen million dollars (\$15,000,000) aggregate limit.

B) Additional Named Insured - All policies, except for the Workers' Compensation, Errors and Omissions and Professional Liability policies, shall contain additional endorsements naming the DISTRICT and the County and each of their respective officers, employees, agents and volunteers as additional named insured with respect to liabilities arising out of the performance of this Agreement. Such additional insured coverage shall be at least as broad as Additional Insured Endorsement Form ISO, CG 2010.11 85 (Form B). The additional insured endorsements shall not limit the scope of coverage for the DISTRICT or the County to vicarious liability but shall allow coverage for the DISTRICT and the County to the full extent provided by the policy.

C) Waiver of Subrogation Rights - WWJD shall require the carriers of the above required coverage's to waive all rights of subrogation against the DISTRICT, the County, and each of their respective officers, employees, agents, volunteers, contractors and subcontractors. All general or auto liability insurance coverage provided SHALL NOT prohibit WWJD and WWJD's employees or agents from waiving the right to subrogation prior to a loss or claim. WWJD hereby waives all rights or subrogation against DISTRICT and County.

D) Policies Primary and Non-Contributory - All policies required above are to be primary and non-contributory with any insurance of self-insurance programs carried or administered by the DISTRICT and/or the County.

E) Severability of Interests - WWJD agrees to ensure that coverage provided to meet these requirements is applicable separately to each insured and there will be no cross liability exclusions that preclude coverage for suits between WWJD and the DISTRICT or between WWJD and the County or between the DISTRICT or the County and any other insured or additional insured under the policy.

F) Proof of Coverage - WWJD shall immediately and prior to exercising any of its rights under this Agreement, furnish certificates of insurance to the DISTRICT evidencing the insurance coverage, including endorsements, required herein, which certificates shall provide that such insurance shall not be terminated or expire without thirty (30) days prior written notice to the DISTRICT, and WWJD shall maintain such insurance from the time WWJD commences performance of this Agreement until the expiration of any applicable statute of limitations for filing a claim or lawsuit by a third party arising from WWJD's activities pursuant to this Agreement. Within sixty (60) days of the commencement of this Agreement, the WWJD shall furnish certified copies of the policies and all endorsements.

G) Acceptability of Insurance Carrier - Unless otherwise approved in writing by the County's Risk Manager, insurance shall be written by insurers authorized to do business in the State of California and with a minimum "Best" Insurance Guide rating of "A-VII".

H) Deductibles and Self-Insured Retentions - Any and all deductibles or self-insured retentions in excess of \$10,000 shall be declared to and approved in writing by the County's Risk Manager.

I) Subcontractor Insurance Requirements - WWJD agrees to require all parties or subcontractors, including architects or others it hires or contracts with related to the performance of this Agreement to provide insurance covering the contracted operations with the same coverage and subject to the same insurance specifications set forth herein (including waiver of subrogation rights), and naming the DISTRICT and County as an additional insured. WWJD agrees to monitor and review all such coverage and assumes all responsibility for ensuring that such coverage is provided as required by this Section.

J) Insurance Review - The above insurance requirements are subject to periodic review by the DISTRICT and the County. The County's Risk Manager is authorized, but not required, to reduce or waive any of the above insurance requirements whenever the Risk Manager determines that any of the above insurance is not available, is unreasonably priced, or is not needed to protect the interests of the DISTRICT and the County. In addition, if the Risk Manager determines that heretofore unreasonably priced or unavailable types of insurance coverage or coverage limits become reasonably priced or available, the Risk Manager is authorized, but not required, to

change the above insurance requirements, to require additional types of insurance coverage or higher coverage limits, provided that any such change is reasonable in light of past claims against the DISTRICT and the County, inflation, or any other item reasonably related to the DISTRICT and the County's risk. Any such reduction or waiver for the entire term of this Agreement and any change requiring additional types of insurance coverage or higher coverage limits must be made by amendment to this Agreement. WVWD agrees to execute any such amendment within thirty (30) days of receipt.

IV. IT IS FURTHER UNDERSTOOD AND AGREED:

A) 1) WVWD's use of DISTRICT's BASIN 2 for WATER spreading activities shall at all times be subordinate to the basic flood control and water conservation purposes of BASIN 2. If DISTRICT determines, in its sole discretion at any time, that WVWD's use of BASIN 2 pursuant to this Agreement conflicts with these purposes, DISTRICT expressly reserves the right hereunder to suspend WVWD's WATER spreading activities, effective immediately upon DISTRICT providing said notice of suspension to WVWD. Upon WVWD's receipt of such notice, WVWD shall immediately stop the discharge of any further WATER into BASIN 2 and take any further action as required in the DISTRICT's sole discretion. DISTRICT also expressly reserves the right to terminate this Agreement should the DISTRICT determine in its sole discretion that WVWD's WATER spreading activities conflict with BASIN 2's flood control and water conservation functions. WVWD agrees to permanently terminate any WATER spreading activities thirty (30) days after the date of written notification provided by DISTRICT to WVWD, unless DISTRICT determines, in its sole discretion, that WVWD has cured any such conflict prior to the expiration of the thirty (30) day period. If WVWD's use of BASIN 2 is terminated pursuant to this provision, WVWD shall, as soon as reasonably practicable, remove any physical WATER spreading or related facilities from the area in question at its sole cost and expense. BASIN 2 shall be left in a reasonably neat and graded manner. WVWD agrees to provide any work, at its sole cost and expense, necessary to restore BASIN 2 to a condition acceptable to DISTRICT.

2) Should WVWD default in making timely payment of the fee provided herein at Section II Q above, DISTRICT reserves its right to provide WVWD written notice of such default. WVWD shall have ten (10) days after receipt of such written notice to cure the default prior to DISTRICT exercising its right to terminate this Agreement.

3) If WVWD should fail to perform, keep, or observe any of the other terms, conditions, or covenants as set forth in this Agreement, DISTRICT reserves its right to give WVWD written notice to correct such condition or cure such default. DISTRICT reserves the right to terminate this Agreement should it determine in its sole discretion that WVWD has failed to cure any such default thirty (30) days after providing WVWD with such written notice. Such election to terminate shall not be construed as a waiver of any claim the DISTRICT may have against WVWD. If, however, the DISTRICT determines in its sole discretion that WVWD's activities pursuant this agreement constitutes a hazard, threat to public safety, or emergency, WVWD shall perform its obligations to correct such problems immediately. If WVWD fails to perform its obligations immediately, DISTRICT may perform the obligations and be reimbursed by WVWD for all costs expended to remedy said situation, including but not limited to charges for DISTRICT's equipment and personnel.

4) Upon any termination of this Agreement, WVWD covenants and agrees to surrender and to forfeit this Agreement, and restore BASIN 2 to the condition specified in Section IV A 1 above immediately upon any such termination. If WVWD shall remain in possession of said premises after any termination of this Agreement, WVWD shall be deemed guilty of an unlawful detention of BASIN 2 and shall be subject to eviction and removal, forcibly or otherwise, at any time thereafter, with or without process of law. In the event of the failure of WVWD to remove personal property, machinery or fixtures, if any, belonging to it from BASIN 2 within thirty (30) days after termination of this Agreement, DISTRICT may remove such personal property and place the same in storage at the expense of WVWD and without liability to DISTRICT for loss thereof. WVWD agrees to pay DISTRICT on demand all expenses incurred in such removal, including court costs and attorney's fees and storage charges and/or without notice sell all or any part of said personal property at public or private sale for such prices as DISTRICT may obtain, and apply the proceeds of such sale upon any amounts due under this Agreement from WVWD and to any expense incidental to the removal and sale of said personal property, with the surplus, if any, being refunded to WVWD.

5) The receipt by the DISTRICT of any fees or of any other sum of money paid by WVWD after any default, the termination and forfeiture of this Agreement for any reason, or after the giving by DISTRICT of any notice to effect such termination, shall not waive the default, reinstate, continue or extend the term of this Agreement, or destroy, or in any manner impair the efficacy of any such notice of termination as may have been given hereunder by DISTRICT to WVWD prior to the receipt of any such sum of money or other consideration, unless so agreed to be in writing and signed by DISTRICT. Any act of the DISTRICT or its agents or employees during the term of this Agreement shall not be deemed to be an acceptance or a surrender of said BASIN 2, excepting an agreement in writing signed by the DISTRICT agreeing to accept such surrender.

B) DISTRICT, at its sole discretion, may perform any maintenance work requested by WVWD resulting from WVWD's WATER spreading activities in BASIN 2, provided such maintenance work is to be performed on property either owned in fee by DISTRICT or subject to DISTRICT's easement interest and in accordance with all state and federal permits acquired by WVWD per Section IIA. WVWD shall be responsible for reimbursing DISTRICT for all expenses incurred in the performance of said maintenance work.

C) The schedule of DISTRICT costs and WVWD payments is attached as Exhibit D to this Agreement and is expressly incorporated herein by reference.

D) Unless terminated earlier as provided herein, this Agreement shall terminate on June 8, 2027.

E) That this Agreement can be terminated on ninety (90) days written notice by either party without cause.

F) Except as otherwise may be provided for under this Agreement, all WATER conveyance, discharge and spreading facilities constructed under this Agreement by WVWD shall be removed from BASIN 2 and/or property owned in fee or easement by DISTRICT at WVWD's costs within thirty (30) days after the termination of this Agreement.

G) That this Agreement can be modified and/or extended at any time upon written approval by the governing body of both parties hereto.

H) County is an express and intended third party beneficiary of any all provisions of this Agreement that refer or relate to indemnity, defense, and insurance.

V. MISCELLANEOUS

A) Entire Agreement - This Agreement contains the entire understanding between the parties relating to the rights created herein. All prior or contemporaneous agreements, understandings, representations, statements, oral or written, are merged into this Agreement and shall be of no further force or effect. Only a writing signed by the parties may amend this Agreement. The Effective Date of this Agreement shall be deemed the later of the dates it is approved and signed by authorized representatives of both DISTRICT and WVWD.

B) Headings - The Article and Section Headings and Section Indexes contained in this Agreement are for reference purposes only and are not intended to govern, limit or aid the interpretation of this Agreement and shall not in any way affect the meaning of this Agreement.

C) Interpretation - Whenever the context so requires, the singular and the plural shall each be deemed to include the other, and each of the masculine, the feminine and the neuter shall be deemed to include the others.

D) Notices - Any notice, consent, approval or other communication required or permitted relative to this Agreement shall be in writing and may be personally served, in one of the following manners: delivered by over-night courier or deposited in the United States mail, first-class, certified or registered, postage prepaid, return receipt requested, addressed to such party, or electronic transmission as available, at its address shown below. Either party may change its address for the purposes of this Section by giving written notice of such change to the other party in the manner provided in this Section.

DISTRICT: San Bernardino County Flood Control District 825 East Third Street San Bernardino, CA 92415-0835	WVWD: West Valley Water District 855 West Baseline Road PO Box 920 Rialto, CA 92377-0920
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Any such notice, consent, approval or other communication shall be deemed received, in the case of a facsimile, on the date of sending if transmitted prior to 5:00 P.M. PST or PDT, whichever is applicable on the date of transmission; in the case of overnight mail, the next business day following the date of mailing; and, in the case of regular mail, three (3) business days after the date of deposit into the United States mail.

E) Governing Law - This Agreement shall be construed under and governed by the laws of the State of California without reference to conflicts of law.

F) Waiver - No waiver by either party of any provision of this Agreement shall be deemed a waiver of any other provision of this Agreement or of any subsequent breach by the other party of the same provision.

G) Time of Essence - Time is of the essence of this Agreement and of each and every provision of the same.

H) Reference to Days - Each reference in this Agreement to days shall be deemed a reference to calendar days.

I) Other Documents - Each party agrees to sign any other and further documents and instruments as may be reasonably necessary in order to accomplish the intent of this Agreement.

J) Venue - Any action arising under, growing out of, or in any way related to this Agreement, shall be brought only in the Superior Court of the State of California, San Bernardino County, Central District, and each party hereto expressly waives its rights (whether arising by statute or otherwise) to cause any such action or proceeding to be brought elsewhere.

K) Counterparts - This Agreement may be executed in multiple counterparts, each of which shall be deemed to be an original, but all of which together shall constitute one and the same Agreement.

L) Severability - If any one or more of the provisions of this Agreement shall for any reason be held to be invalid, illegal or unenforceable in any respect, such invalidity, illegality or unenforceability shall not affect any other provision of this Agreement, and this Agreement shall be construed as if such invalid, illegal or unenforceable provision had never been contained in this Agreement.

M) Attorney Fees and Costs - If any legal action is instituted to enforce or declare any party's rights hereunder, each party, regardless of which party is the prevailing party, must bear its own costs and reasonable attorneys' fees. This paragraph shall not apply to those costs and attorneys' fees directly arising from any third party legal action against a party hereto and payable under Section II, U relating to indemnification.

N) Successors and Assigns- This Agreement shall inure to the benefit of and be binding upon the successors and assigns of both parties.

O) Electronic Signatures - This Agreement may be executed in any number of counterparts, each of which so executed shall be deemed to be an original, and such counterparts shall together constitute one and the same Agreement. The parties shall be entitled to sign and transmit an electronic signature of this Agreement (whether by facsimile, PDF or other mail transmission), which signature shall be binding on the party whose name is contained therein. Each party providing an electronic signature agrees to promptly execute and deliver to the other party an original signed Agreement upon request.

IN WITNESS WHEREOF, the DISTRICT and WVWD have each caused this Agreement to be subscribed by its respective duly authorized officers, on its behalf.

**SAN BERNARDINO COUNTY
FLOOD CONTROL DISTRICT**

►

Dawn Rowe, Chair

Dated: _____
SIGNED AND CERTIFIED THAT A COPY OF THIS
DOCUMENT HAS BEEN DELIVERED TO THE
CHAIRMAN OF THE BOARD
Lynna Monell, Clerk of the Board

By _____
Deputy

WEST VALLEY WATER DISTRICT

(Print or type name of corporation, company, contractor, etc.)

By ►

(Authorized signature - sign in blue ink)

Name _____
(Print or type name of person signing contract)

Title _____
(Print or Type)

Dated: _____

Address _____

FOR COUNTY USE ONLY

Approved as to Legal Form	Reviewed for Contract Compliance	Reviewed/Approved by District
► _____ Sophie Curtis, Deputy County Counsel Date _____	► _____ Andy Silao, P.E., Engineering Manager Date _____	► _____ Noel Castillo, P.E., Chief Flood Control Engineer Date _____

EXHIBIT A

PERMIT P-22011022

Attached behind this cover page

San Bernardino County Flood Control District

825 East Third Street, Room 108
San Bernardino, CA 92415-0835
(909) 387-7995 - FAX (909) 387-1858



Inspection Phone:
(909) 387-8009
Inspection office shall be notified two working days prior to commencing permitted use. FAILURE TO OBTAIN INSPECTION SHALL BE CAUSE TO VOID THIS PERMIT.

PERMIT

Permit Issued: March 15, 2012

Permit Expires: March 15, 2013

File: 2-104/2.04

Permit No: P-22011022

Permittee: West Valley Water District
855 W. Baseline Road
Rialto, CA 92377

Filing Fee: NO FEE
Inspection Fee: \$4,908.40
(Nonrefundable) TOTAL: \$4,908.40

Contact/Phone: Tom Crowley (909) 875-1804
Assistant General Manager

Permit Activity: Install, operate and maintain: 1) three separate 16-inch CML&C steel waterlines and one 8-inch sewer line running parallel to District right-of-way, and 2) a 24-inch RCP with headwall and rip-rap protection to spread water within Cactus Basin #2

Facility: Cactus Basin No. 2

Location: South of Baseline Road and west of Cactus Avenue

City/Community: City of Rialto

- The proposed permit activity shall be in accordance with the Plans (Exhibit "A"), and the Special, Standard and General Provisions, all of which are attached and made a part of this permit.
- AT LEAST 48 HOURS NOTICE SHALL BE GIVEN TO THE DISTRICT BEFORE STARTING ANY WORK UNDER THIS PERMIT.** Contact the District's inspector at (909) 387-8009; failure of notification is cause for revocation of this permit.
- This permit, or a certified copy thereof, shall be kept at the job site throughout the period of operations within District right-of-way and shall be shown to any District Representative or any law enforcement officer upon demand. Exercise of this permit shall indicate acceptance of and agreement to comply with all provisions included herein. Violation of any provision shall be cause for immediate revocation of permit.

PERMITTEE'S ACCEPTANCE:

Signature by the Permittee or Permittee's Authorized Agent of this Permit shall indicate acceptance of all of the provisions of the permit.

Thomas J. Crowley 5/17/11
Permittee's Signature Date

Thomas J. Crowley
PRINT

Assistant General Manager TITLE

cc: Fish and Game
FC Operations Supt
Inspector

DISTRICT APPROVAL:

Granville M. Bow 10/26/11
GRANVILLE M. "BOW" BOWMAN Date
Flood Control Engineer

EXHIBIT A
Water Spreading Agreement
Cactus Basin No. 2
Page 1 of 22

SPECIAL PROVISIONS

1. Prior to the three separate 16-inch CML&C steel waterlines and one 8-inch sewer line becoming operational, the Permittee and District shall enter into a license agreement for the operation of the three separate 16-inch CML&C steel waterlines and one 8-inch sewer line within District right-of-way.
2. Prior to the 24-inch RCP water turnout becoming operational, the Permittee and District shall enter into a water spreading agreement for the operation and maintenance of the basin.
3. **An annual inspection fee, if applicable, shall be due on the anniversary date of this permit. The annual inspection fee shall be in accordance with the District's Schedule of Fees Ordinance in effect on the anniversary.**

STANDARD PROVISIONS

1. **The term of this permit is for one year.** The District will coordinate an extension(s) to the permit term upon receipt of a completed **Flood Control Permit Amendment Application** at least thirty days prior to the expiration date.
2. No revisions to the approved plans shall be made during construction without review, written approval and/or permit amendment from the District.
3. No floatable materials or stockpiling shall be maintained in the basin area, and equipment shall be kept out of the basin except when in use during working hours.
4. The existing access gates shall be locked after hours and on weekends by interlocking Permittee's lock with the District's lock to allow District access.
5. The proposed activity within District right-of-way shall be in compliance with all City ordinances for noise and operating hours.
6. The exact location of any above ground structure shall be field coordinated with the District's inspector prior to installation.
7. All applicable fees required for this permit shall be in accordance with the District's current Schedule of Fees Ordinance in effect at the time of District inspection.
8. This permit shall become effective upon the "Permit Issued" date shown on Page 1 of this permit. All permit provisions and all applicable fees (i.e. inspection fees, monthly land use fees, etc.) for the permit shall commence or become enforceable upon the Permit Issued date, regardless of the Permittee's actual commencement of activity within District right-of-way. Signature by the Permittee or Permittee's Authorized Agent on Page 1 of this permit shall indicate the Permittee's agreement to assume all responsibility and to adhere to the permit terms and fees from the date of permit issuance.
9. The Permittee shall not have exclusive use of the permitted area. The District may allow other Permittees access to the area to engage in permitted activities.

10. All existing asphalt or concrete surfacing removed for the installation of the permitted activities shall be sawcut at the removal limits. Any settlement in the future shall be maintained by the Permittee.
11. Backfill in all areas having flood control facilities shall be similar to the existing material and shall not contain organic material, broken concrete or pavement, or other material unsuitable for compaction. Backfill two feet deep under concreted rock slope protection and two feet behind concrete structures shall be compacted to at least 95% of maximum dry density as determined by ASTM D-1557. All other backfill shall be compacted to at least ninety percent (90%) relative density as determined by ASTM test Method D-1557, Method C and certified evidence thereof submitted. Compaction tests shall be performed at locations specified and to the satisfaction of the District.
12. All construction and material testing for facilities constructed within District right-of-way will be performed by the Permittee and/or Permittee's authorized agent and certified evidence thereof shall be furnished to the District at the Permittee's expense.
13. The Permittee will submit "Record Drawings", stamped and signed by a Registered Engineer in the State of California, at the time of the final inspection.
14. No more than one-third (1/3) of any flood control facility may be obstructed during the period October 15 to April 15, nor more than two-thirds (2/3) of any facility may be obstructed during the remaining period. The term "obstruction" shall include all temporary or permanent structures, falsework, excavated material, and equipment connected with the construction. For the purpose of computing the area of an obstruction, dimensions shall be taken normal to the channel flow of the actual physical outline of the obstruction.
15. All structural concrete shall be 660-A-4000 in all inverts and 660-B-4000 for all walls, including wing walls and headwalls. All concrete shall conform to Section 201-1 of the Standard Specification for Public Works Construction, latest edition, unless otherwise specified in this permit.
16. Concrete for rock structures, bottom controls, and splash pads shall be 560-B or C-3250. All concrete shall conform to Section 201-1 of the Standard Specifications for Public Works Construction, latest edition, unless otherwise specified in this permit.
17. Concrete mix designs shall be submitted to the District for review and approval at least 72 hours prior to concrete placement within District right-of-way.
18. All reinforcing steel shall conform to the requirements of ASTM A-615 and shall be Grade 60.
19. No shotcrete or gunite concrete placement will be allowed within existing or future District right-of-way. All concrete structures shall be cast-in-place.
20. The 16-inch CML&C steel waterlines and one 8-inch sewer line shall be adequately marked with above ground markers per District's S.P. 204, attached herewith as Exhibit "B", at intervals determined in the field by the District.
21. The Permittee shall provide to the District a point of contact and a schedule for discharge into the basin thirty days prior to any flows entering into the basin.

22. A modified concrete apron, per District's S.P. 260, attached herewith as Exhibit "C", shall be required around all above ground structures.
23. At any time during the life of this permit, the District may revise, modify or add provisions to this permit as may be required to meet the flood control, water conservation and safety responsibilities of the District.
24. Either the District or Permittee may terminate this permit by giving the other party sixty days written notice of its election to terminate.
25. Should maintenance activities be required at anytime, the Permittee shall coordinate the permit activity with the District's Flood Control Operations Division.
26. This permit will expire in May 2012. It is the intent of the District and West Valley Water District to enter into an agreement to continue water spreading activities after May 2012.
27. Permittee shall prepare and submit to District, one week in advance, detailed weekly schedules for the delivery of imported water and other information which may be pertinent to the works and water spreading. The detailed weekly schedules prepared by Permittee are subject to review and approval by the District. Said schedules may be changed or terminated as necessary to accommodate spreading operations, construction of fixed works, groundwater conditions, storm maintenance, routine maintenance or emergency functions of either District or Permittee. Permittee shall provide a list of emergency contact personnel and telephone numbers with each delivery schedule. This information shall be sent to:

Scott Ryan, PWOS
 San Bernardino County Flood Control District
 825 E. Third Street
 San Bernardino, CA 92415-0835

28. Permittee shall be responsible for security and surveillance of the areas used for ponding, conveying and spreading of imported water. Permittee may employ guards for this purpose.

GENERAL PROVISIONS

1. Exercise of this permit, by Permittee or Permittee's authorized agent, shall indicate acceptance of all of the provisions of this permit. Permittee shall make all contractors doing work on this project familiar with all of the requirements of this permit. Violation of any provisions of this permit shall be cause for immediate revocation of the permit.
2. INSURANCE - This permit shall not become valid until the Certificate of Insurance has been completed by your contractor's insurance company and approved by the Flood Control District. If the permit activity is to be completed by Permittee's forces, the Certificate of Insurance shall be completed by Permittee's insurance company and approved by the Flood Control District.
3. The Permittee shall indemnify and hold the District and all officers, employees and agents of said public body free and harmless from any and every claim, demand or action for damages, or injury to any person or persons or property of any kind whatsoever, and any cost or expense in connection therewith, and agrees to defend the Flood Control District, the County of San Bernardino, and all officers, employees and agents of said public body against any claims or demands which may arise out of or result from Permittee's construction, operation, use or activities on District right-of-way.

EXHIBIT A
 Water Spreading Agreement
 Cactus Basin No. 2
 Page 4 of 22

4. A copy of this permit will be sent to the State Department of Fish and Game, who may require a permit for this type of activity. It is the responsibility of the Permittee to obtain any required permits and approvals prior to starting any activity authorized in the permit. State Department of Fish and Game may be contacted at the address below.

Department of Fish and Game
Region 6, Environmental Services
4665 Lampson Avenue, Suite J
Los Alamitos, CA 90720
(562) 430-7212

A completely executed copy of the State Department of Fish and Game permit shall be kept at the permit site at all times while work is being performed. Permittee shall make all contractors doing work on this project familiar with all of the requirements of the State Department of Fish and Game permit.

5. Prior to beginning any activity authorized in this permit, the Permittee and/or Permittee's authorized agent, shall notify Underground Service Alert (USA) at 1-800-422-4133 at least 48 hours in advance to coordinate the permit activity on District right-of-way.
6. In accepting this permit, the Permittee agrees to replace any existing improvements which may include but not be limited to access road pavement, irrigation pipelines, chain link fencing and landscaping with acceptable products, installed to size, line and grade as the existing products removed and as approved by the District.
7. Work done in the absence of prescribed inspection may be required to be removed and replaced under the proper inspection, the entire cost of removal and replacement, including the cost of all materials used in the work thus removed, shall be borne by the Permittee, regardless of whether the work removed is found to be defective or not. Work covered up without the authority of the District, shall upon order of the District, be uncovered to the extent required, and the Permittee shall bear the entire cost of performing all the work and furnishing all the equipment and materials necessary for the removal and subsequent replacement of the covering, as directed by the District.
8. Should installation or maintenance activities be required during the period October 15 to April 15, work shall be undertaken within a 5-day clear weather forecast. Permittee shall maintain and provide for a flood watch when storm conditions threaten, and have personnel and equipment available on a 24-hour schedule and provide the District with the names and after-hours phone numbers of responsible supervisory personnel.
9. Any survey monuments which will be disturbed or destroyed shall be located, referenced and a corner record filed with the County Surveyor prior to the start of construction. The monuments shall be reset in a surface of the new construction, with a suitable monument box placed thereon, or set with permanent witness monuments. A corner record shall be filed with the County Surveyor for reset of monuments and evidence submitted prior to finalizing the permit. All work shall be performed under the direction of a licensed land surveyor or registered civil engineer at the expense of the Permittee.
10. Access to the District's levees, channels and patrol roads shall remain open and free to vehicular traffic at all times. Alternate access to the facilities shall be provided when existing access is severed or impaired. Permittee must prevent the public or unauthorized persons from entering the construction area or the District's right-of-way.
11. The Permittee shall perform, at Permittee's own expense, all construction surveying and engineering necessary to control construction to limits defined in the Plans and Exhibit "A". The construction surveying and engineering will be performed to the District's satisfaction.
12. Permittee shall, at all times, exercise proper dust control and dust abatement.
13. At any time during the life of this permit, the District may revise, modify or add provisions to this permit as may be required to meet the flood control, water conservation and safety responsibilities of the District.
14. The location of any temporary construction roadways or ramps which the Permittee may wish to build within District right-of-way shall be subject to the approval of the District. Roads shall be constructed so as to wash out during any appreciable flows.

EXHIBIT A
Water Spreading Agreement
Cactus Basin No. 2
Page 5 of 22

15. This permit is valid only to the extent of the Flood Control District's jurisdiction. Permits or other approvals required by other cognizant agencies or underlying fee owners of District easement lands shall be the responsibility of the Permittee. Nothing contained in this permit shall be construed as a relinquishment of any rights now held by the Flood Control District.
16. If the Permittee should refuse or neglect to comply with the provisions of the permit, or the orders of the District, the District may have such provisions or orders carried out by others at the expense of the Permittee.
17. If the Permittee fails to comply with any obligation contained herein, Permittee shall be liable to the District for any administrative expenses and attorney's fees incurred in obtaining compliance with this permit and any such expenses and fees incurred in processing any action for damages or for any other remedies permitted by law.
18. No part of the activities authorized under this permit shall be accepted in phases. All work within District right-of-way must be completed prior to District acceptance of improvements within District right-of-way.
19. At the completion of the construction activities, the area shall be cleaned, graded and dressed to the satisfaction of the District. A joint inspection (Permittee/District) shall be made to determine if the work has been completed in accordance with permit requirements.
20. This permit is valid only for the purpose specified herein. All proposed changes shall be submitted, in writing, for District review and approval.
21. Activities under this Permit are subject to any instructions of the Flood Control Engineer or his representative. ALL INSTRUCTIONS MUST BE STRICTLY OBSERVED.
22. District activities shall take precedence at all times and, when any work or activity must be performed to carry out the functions and purposes of the District, Permittee must allow same to be done without interference.
23. Any damage caused to District facilities or structures by reason of the exercise of the Permit shall be repaired at the cost of the Permittee to the satisfaction of the District. Permittee will be billed for the actual cost to the District should Permittee neglect to make such repairs promptly.
24. Any District right-of-way monuments that are removed, disturbed, or destroyed as a result of activity under permit will be replaced by the District. Permittee will be billed and agrees to immediately pay all costs of such replacement.
25. Unless otherwise specified herein, this permit is subject to all prior permits, agreements, easements, privileges or other rights, whether recorded or unrecorded, in the area specified in this permit. Permittee shall make his own arrangements with holders of such prior rights.
26. The permitted activities shall be in accordance with:
 - a. The San Bernardino County Department of Public Works, Transportation and Flood Control Standard Specifications, available at the Department of Public Works, 825 E. Third Street, San Bernardino, California; and
 - b. all applicable provisions of the "Construction and Safety Orders" issued by the State Division of Industrial Safety and "Manual of Accident Prevention in Construction" issued by the Associated General Contractors, Inc.
27. All work associated with the activities authorized under this permit shall conform with all Cal-OSHA requirements. Prior to any shoring activity, the Permittee or Permittee's authorized agent shall submit shoring plans, signed and approved by a registered engineer, and copies of required permits.
28. It shall be the responsibility of the Permittee and/or the Permittee's authorized agent to insure that all personnel performing work authorized under this permit are adequately trained and have appropriate safety gear and equipment before entering any confined space.

29. The Permittee shall comply with the District's Stormwater Ordinance 3588 and all applicable National Pollutant Discharge Elimination System (NPDES) requirements to reduce or eliminate pollution of stormwater discharges into waters of the United States. In this regard, the Permittee shall utilize best management practices in the operation and storage of equipment, machinery, fuels, etc., to prevent any pollutants from being discharged into any storm drain and/or channel systems. In addition, pollutants (including sediment) generated as a result of the activity authorized by this permit shall not be discharged into the drainage system.
30. Should future activities of the Corps of Engineers and/or the District so require, the Permittee shall, at Permittee's expense, relocate all or any part of the subject works as so required.
31. The District will consider time extensions to the permit upon receipt of a written request from the Permittee thirty days prior to expiration.
32. The area disturbed by permitted activities shall be kept to minimum and shall be limited to that area actually being worked.
33. No nuisance shall be allowed on any of the premises and the Permittee shall exercise diligence in precluding any dumping operations in the area by patrolling or installing barriers to deter unauthorized access when the premises are not supervised.
34. Any unauthorized structure or portions thereof placed on District right-of-way or which affect District structures, must be removed by Permittee without cost to the District.
35. Violation of any provision contained therein, without written consent of the District, shall be cause for immediate revocation of this permit after written notice to the Permittee of any violation not remedied within thirty days following said written notice.
36. Upon cancellation or revocation of this permit, for any cause whatsoever, Permittee shall immediately cease all activities authorized hereunder, shall restore District right-of-way, structures and facilities to the satisfaction of the District, and shall vacate the District's premises. Should Permittee neglect to restore the premises, structures and facilities to a condition satisfactory to the District, the District will perform such work and Permittee agrees to reimburse the District for all actual costs of work performed.
37. If the permit term is extended, an annual inspection fee shall be due each year on the anniversary date of the permit. The annual inspection fee shall be based on the District's current Schedule of Fees Ordinance in effect on the anniversary date of the permit.
38. It is expressly understood that the area involved under this permit is subject to inundation from storm, flood and/or conservation flows at any time, and that the District shall not, in any way, be obligated to afford protection against said flows, or to assume any cost for damages. The District reserves the right to divert any storm or flood flows upon any land under this permit any time, and no diversion of such shall be made by the Permittee without the consent of the District.
39. All concrete shall conform to Section 201-1 of the Standard Specification for Public Works Construction, latest edition, unless otherwise specified in this permit. Curing compound shall conform to the provisions of Section 201-4.1 of the Standard Specifications for Public Works Construction, latest edition, Type 1-clear or translucent with red fugitive dye.
40. If applicable, the Permittee shall provide a wheel shaker or other approved device at the entrance of the job site to minimize debris track out on public streets.
41. The Permittee shall comply with all provisions of Rule 403-Fugitive Dust of South Coast Air Quality Management District.
42. The permit activities allowed under this permit may require the Permittee to use a pre-emergent within District right-of-way in order to control the growth of weeds. The District currently uses the following pre-emergent for this purpose: Direx 4L @ 7 qts/acre, simazine 4L @ 5 qts/acre, landmark @ 4.5 oz/acre. The necessity to use this or a similar type of pre-emergent shall be at the discretion of the District's inspector, and the type and method of use of the pre-emergent shall be submitted by the Permittee for review and approval by the District's inspector prior to use.

43. The District's Schedule of Fees Ordinance is subject to change by the County Board of Supervisors. The Board typically considers changes in the Schedule of Fees Ordinance to take effect at the beginning of each fiscal year (July 1). Should the borrow fee rate be adjusted at any time during the life of this permit in accordance with changes to the Schedule of Fees Ordinance, the Permittee shall have the right to continue soil removal based on the new rate or request cancellation of their permit prior to the effective date of the new rate. Upon cancellation, the Permittee shall be responsible for restoring the work area to the satisfaction of the District prior to vacating District right-of-way. The District shall not be responsible for any impact to contractual obligations the Permittee may have with any clients as a result of revisions to the District's Schedule of Fees Ordinance.

Rev. 7/06

EXHIBIT A
Water Spreading Agreement
Cactus Basin No. 2
Page 8 of 22

Chamfer all corners, 1"±

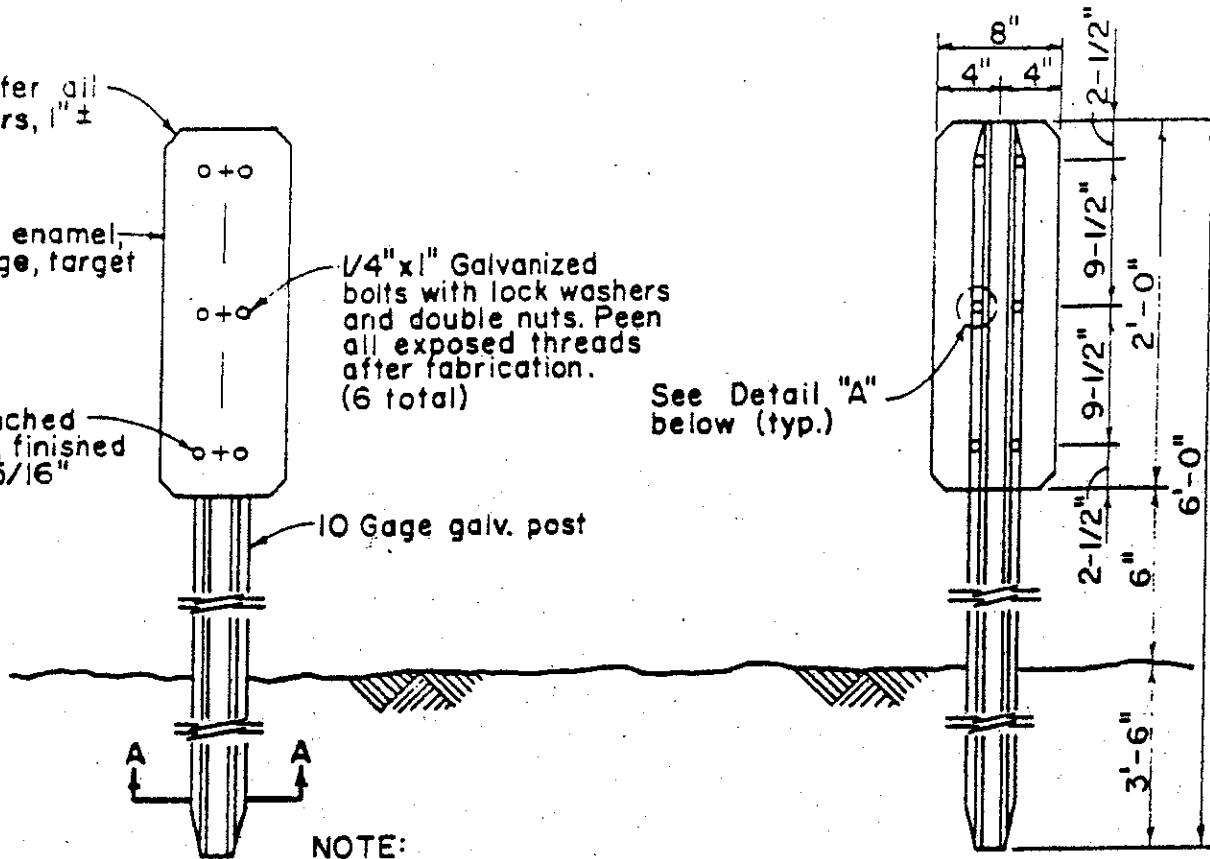
White enamel, 14 gage, target plate

6 Punched holes, finished dia., 5/16"

1/4"x1" Galvanized bolts with lock washers and double nuts. Peen all exposed threads after fabrication. (6 total)

See Detail "A" below (typ.)

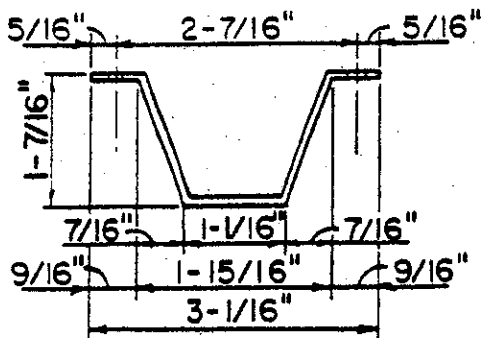
10 Gage galv. post



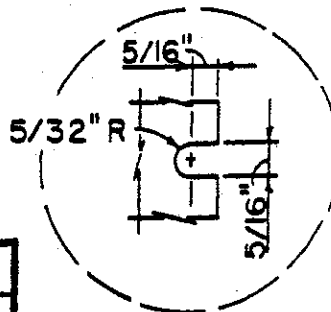
NOTE:

Information Required On Plate

1. Name of owner.
2. Telephone no.
3. Type of installation with appropriate sign.
4. Depth of installation from top of marker.



SECTION A-A



DETAIL "A"

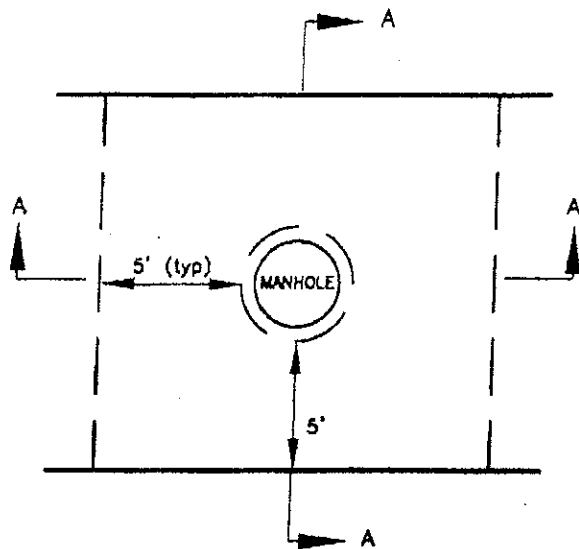
SHEET	OF
EXHIBIT MAP	"B"
ATTACHED TO	
PERMIT NO.	P-22011022

UNDERGROUND UTILITY MARKER

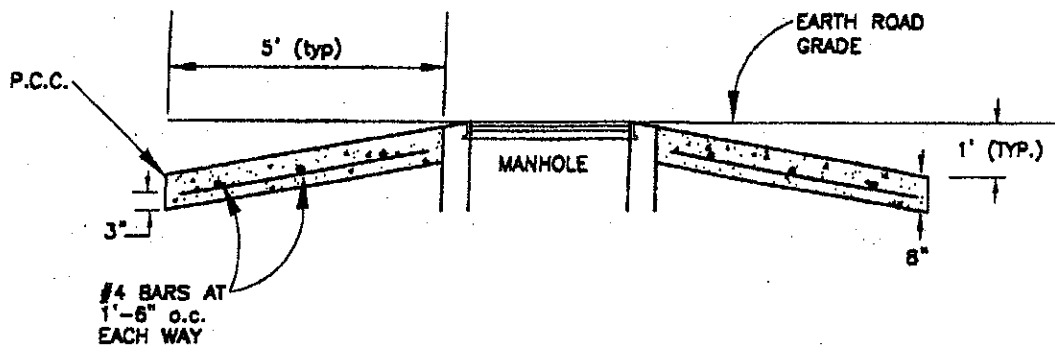
NO SCALE

EXHIBIT A
 Water Spreading Agreement
 Cactus Basin No. 2
 Page 9 of 22

SAN BERNARDINO COUNTY FLOOD CONTROL DISTRICT		
REVISIONS	OWN. BY	DATE
	B.W.	6/4/69
	FILE NO.	S.P. 204



PLAN



SECTION A-A

GENERAL NOTES:

1. Place #4 rebar 1'-6" on center both ways.
2. Rebar shall be Grade 60.
3. Concrete shall be Class A.

SHEET	1	OF	1
EXHIBIT MAP	"C"		
ATTACHED TO			
PERMIT NO. P-22011022			

NEW

N.T.S.

SAN BERNARDINO COUNTY FLOOD CONTROL DISTRICT

MANHOLE APRON

APPROVED

STANDARD PLAN

FLOOD CONTROL ENGINEER

D260

DATE

EXHIBIT A
Water Spreading Agreement
Cactus Basin No. 2
Page 10 of 22

WEST VALLEY WATER DISTRICT / CITY OF RIALTO

RIALTO, CALIFORNIA

PLANS

FOR THE CONSTRUCTION OF THE

WELL HEAD TREATMENT SYSTEM PROJECT PIPELINES AND SITE CIVIL WORK

AT

WEST VALLEY WATER DISTRICT HEADQUARTERS

(WORK ORDER NO. W09016)

2011

BOARD OF DIRECTORS

Earl Tillman, Jr.	President
Betty J. Gosney	Vice President
Alan G. Dyer	Director
Donald D. Olinger	Director
Jackie Cox	Director

DISTRICT ADMINISTRATION

Anthony W. Araiza	General Manager/Secretary
Thomas J. Crowley, P.E.	Assistant General Manager
Ken Sikorski	Superintendent
Lon Tsai, P.E.	Chief Engineer

ENGINEERING RESOURCES JOB NO. 62026.184



1820 Commercenter Circle
San Bernardino, California 92408-3430
(909) 890-1255 Fax (909) 890-0995

APPROVED:

Thomas J. Crowley
WEST VALLEY WATER DISTRICT

6/15/11
DATE

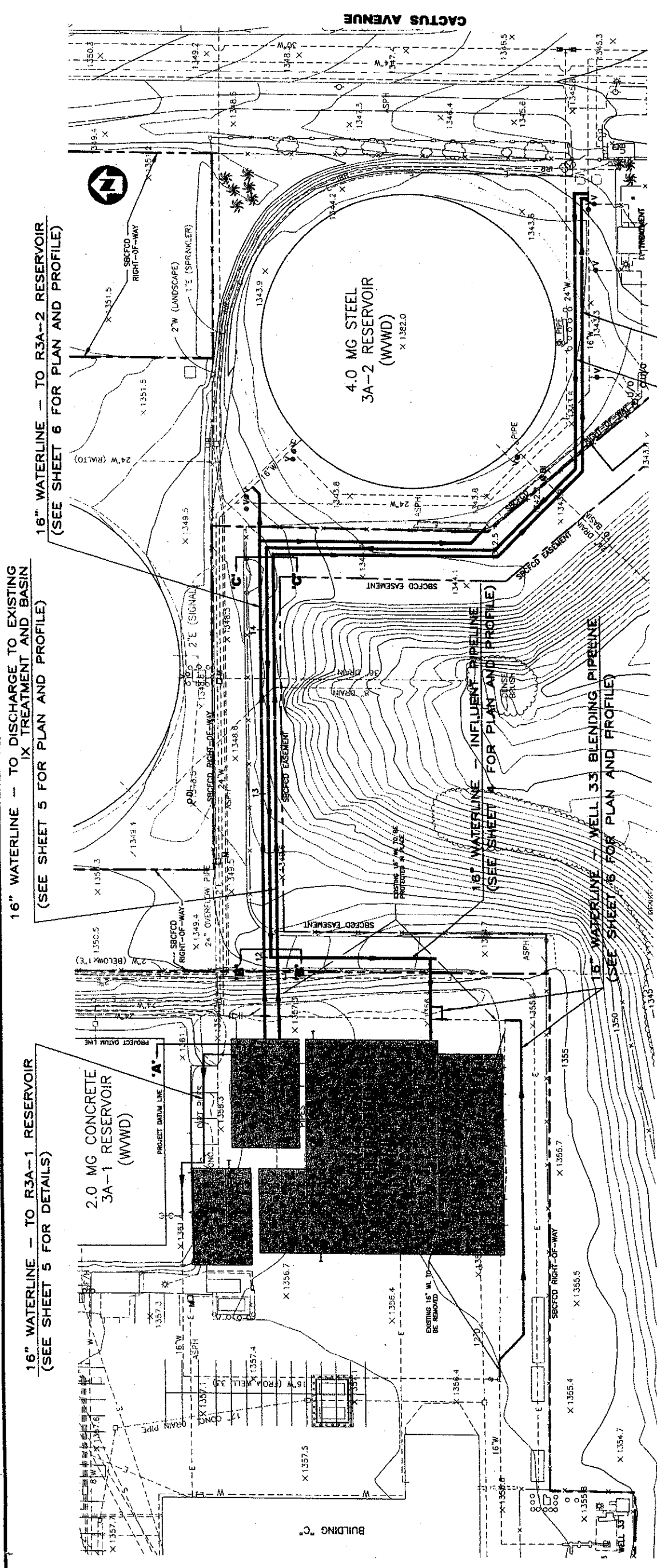


SHEET 1 OF 12
EDDIE MAP K
ATTACHED TO
PERMIT NO. F-2201022

6114/11
OCT 0 3 2011

SHEET
1 OF 12
SHEETS
DWG. NO.
WV-1344
OCT 1 9 2011

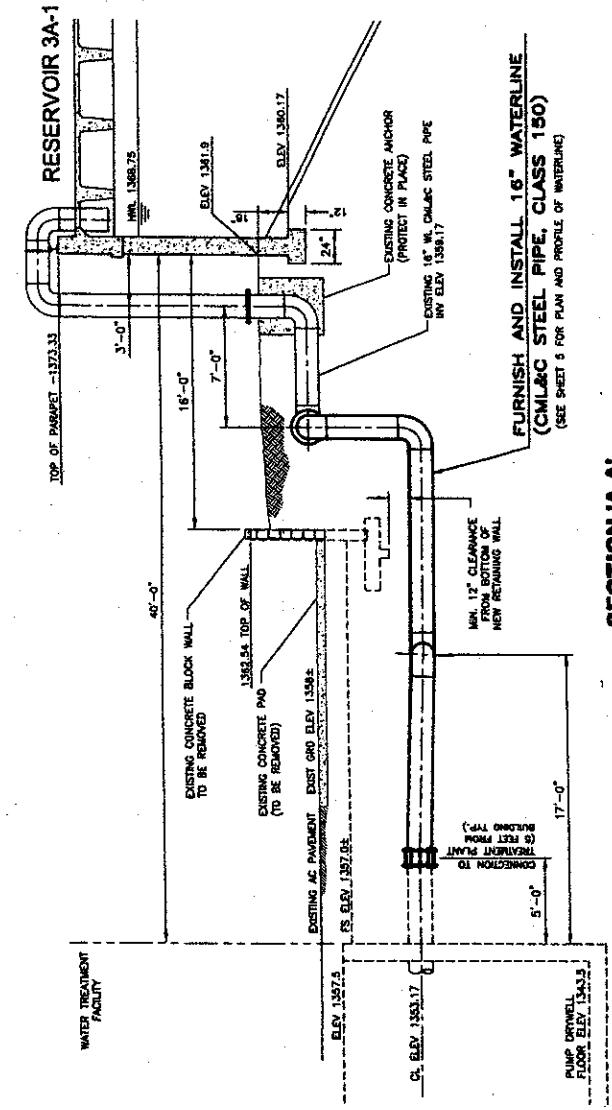
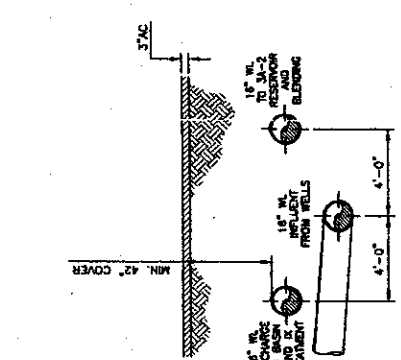
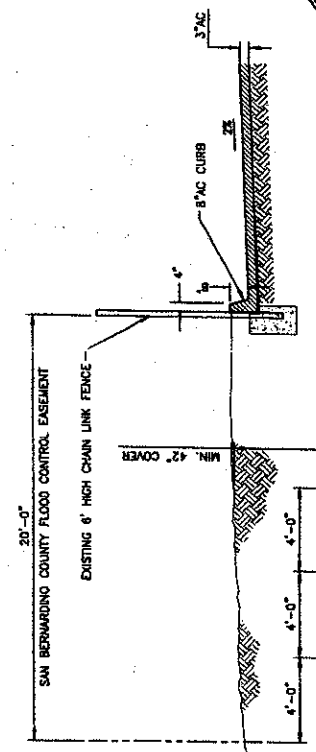
EXHIBIT A
Water Spreading Agreement
Cactus Basin No. 2
Page 11 of 22



16" WATERLINE - TO DISCHARGE TO EXISTING IX TREATMENT AND BASIN
 (SEE SHEET 5 FOR PLAN AND PROFILE)

16" WATERLINE - INFLUENT PIPELINE
 (SEE SHEET 4 FOR PLAN AND PROFILE)

16" WATERLINE - BLENDING PIPELINE
 (SEE SHEET 5 FOR PLAN AND PROFILE)



WEST VALLEY WATER DISTRICT / CITY OF RIALTO
WELL HEAD TREATMENT SYSTEM PROJECT
SITE PIPING LAYOUT

ENGINEERING RESOURCES
 1820 Commercial Circle
 San Bernardino, California 92408-3439
 (909) 881-1255 Fax: (909) 881-1265

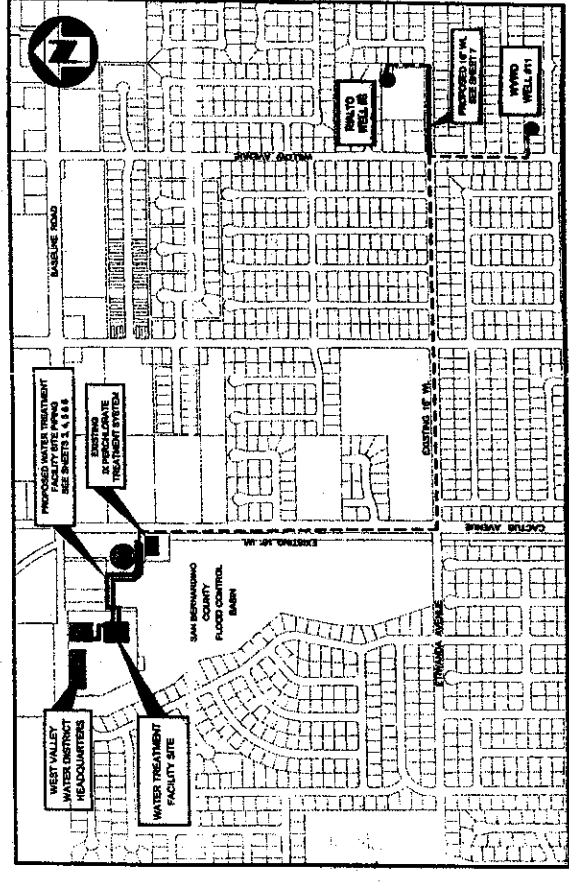
APPROVED *Ronald Worthington* 6/14/11
 Date: 6/14/11
 Scale: NTS
 Checked: LSJ
 Drawn: LSJ
 Job No.: 62026184
 AS SHOWN

SHEET 3 OF 12
 EXHIBIT MAP 'A'
 ATTACHED TO PERMIT NO. P-12201022

OCT 19 2011

CONSTRUCTION CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AFFECTED AGENCIES AND AGENCIES INVOLVED IN THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AFFECTED AGENCIES AND AGENCIES INVOLVED IN THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AFFECTED AGENCIES AND AGENCIES INVOLVED IN THE PROJECT.

INDEX OF DRAWINGS	
SHEET NUMBER	DESCRIPTION
1	COVER SHEET
2	VICINITY MAP, INDEX OF DRAWINGS AND CONSTRUCTION NOTES
3	SITE PIPING LAYOUT
4	16" WATERLINE - INFLUENT PIPELINE STA 10+58.35 TO STA 18+37.40z
5	16" WATERLINE TO DISCHARGE BASIN AND EXISTING IX TREATMENT
6	16" WATERLINES - WELL 33 BLENDING PIPELINES
7	16" WATERLINE IN ETWANDA AVENUE STA 10+00 TO STA 16+63.90z
8	SITE LAYOUT
9	DEMOLITION AND GRADING PLAN
10	SITE UTILITIES
11	SEWER LINE
12	STANDARD DETAILS

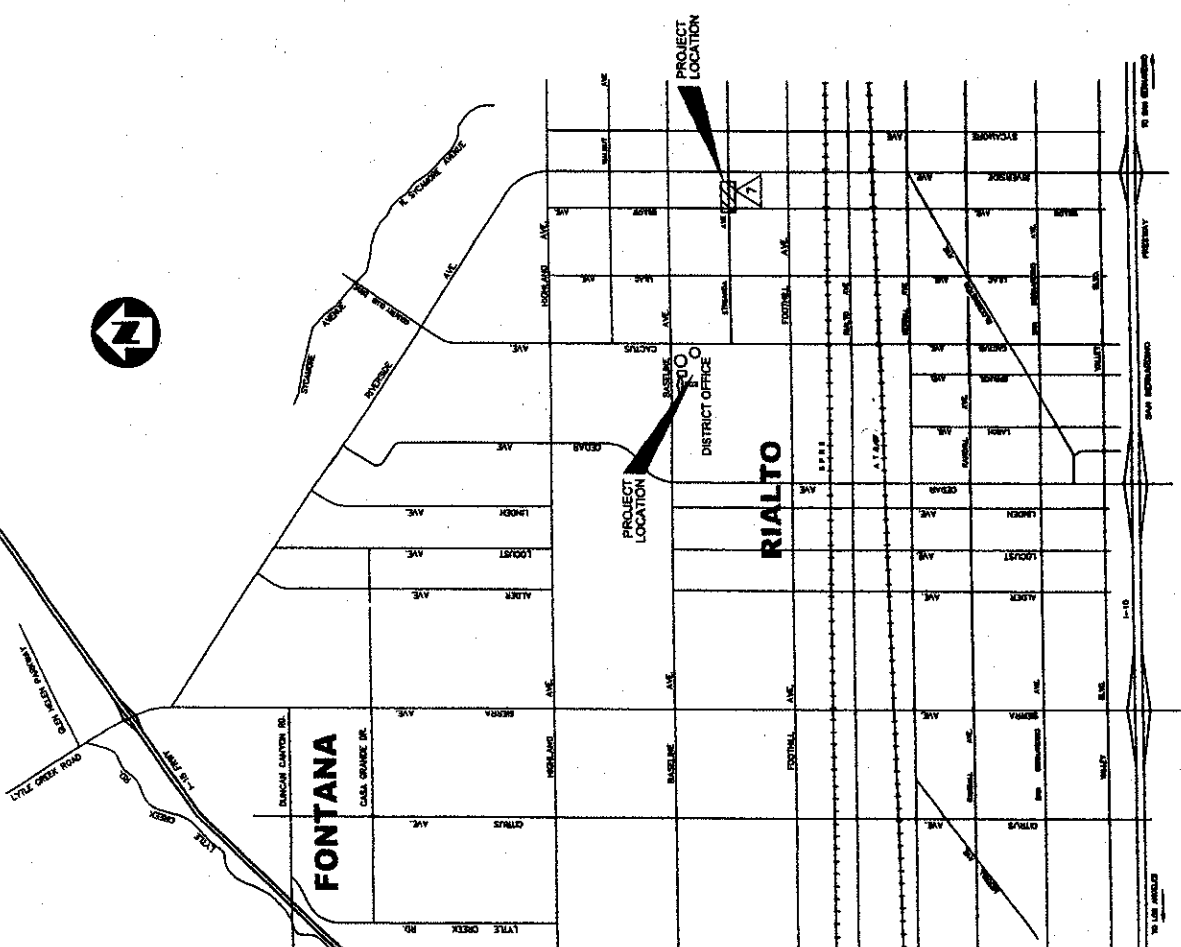


PROJECT LOCATIONS
SCALE: NTS

- GENERAL CONSTRUCTION NOTES**
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND WEST VALLEY WATER DISTRICT'S STANDARDS FOR DOMESTIC WATER FACILITIES AS OF THE DATE OF PLAN APPROVAL.
 - THE CONTRACTOR SHALL ARRANGE FOR A PRE-CONSTRUCTION CONFERENCE WITH THE WEST VALLEY WATER DISTRICT AND THE ENGINEER AT LEAST ONE WEEK PRIOR TO BEGINNING CONSTRUCTION.
 - THE CONTRACTOR'S ATTENTION IS EXPRESSLY DIRECTED TO ALL THE REGULATIONS AND PROVISIONS OF THE STATE OF CALIFORNIA SAFETY REGULATIONS. COMPLIANCE THEREWITH SHALL BE STRICTLY ENFORCED DURING THE ENTIRE LIFE OF THE CONTRACT. A CALIFORNIA EXCAVATION PERMIT SHALL BE OBTAINED PRIOR TO BEGINNING CONSTRUCTION.
 - CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SOFT INCLEMENT AND HOLD THE OWNER, THE ENGINEER, AND HIS REPRESENTATIVE HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.
 - ANY CONTRACTOR PERFORMING WORK ON THIS PROJECT SHALL FAMILIARIZE HIMSELF WITH THE SITE AND SHALL BE SOLELY RESPONSIBLE FOR ANY DAMAGE TO EXISTING FACILITIES RESULTING DIRECTLY OR INDIRECTLY FROM HIS OPERATIONS, WHETHER OR NOT SUCH FACILITIES ARE SHOWN ON THESE PLANS.
 - THE CONTRACTOR SHALL UNCOVER AND VERIFY THE LOCATION AND DEPTH OF ALL EXISTING UTILITY LINES PRIOR TO EXCAVATING. THE CONTRACTOR SHALL MAKE APPROPRIATE ARRANGEMENTS FOR THE PROTECTION OF ALL UTILITIES AND MAKE APPROPRIATE UNDERGROUND SERVICE ALERT AT 1-800-427-2600 PRIOR TO BEGINNING WORK.
 - THE CONTRACTOR SHALL DISPOSE OF ALL SURPLUS EXCAVATION OUTSIDE OF THE PROJECT AREA.
 - PIPE TRENCH SHALL BE EXCAVATED TRUE TO LINE AND GRADE IN ACCORDANCE WITH THE PLAN AND SPECIFICATIONS. ALL BACK FILL SHALL BE PLACED IN A MANNER SATISFACTORY TO THE ENGINEER AND SHALL BE COMPACTED TO THE STANDBY STANDARDS. THE PIPE SHALL BE GRANULAR MATERIAL WITH A MINIMUM SAND EQUIVALENT OF 30.
 - NO PIPELINE SHALL BE INSTALLED ON FILL MATERIAL WITHOUT FIRST MEETING IN-PLACE DENSITY TESTS. COMPACTION IN INTERMEDIATE ZONE SHALL BE COMPACTED TO 90% RELATIVE COMPACTION.
 - COMPACTION TESTS SHALL BE REQUIRED FOR ALL TRENCH BACKFILL PER WEST VALLEY WATER DISTRICT STANDARDS AND SPECIFICATIONS AND/OR THE REQUIREMENTS OF ANY AGENCY HAVING JURISDICTION.
 - THE CONTRACTOR SHALL REPLACE IN KIND, TO THE SATISFACTION OF THE ENGINEER AND ANY AGENCY HAVING JURISDICTION THEREOF, ANY ROAD BASE, PAVING, CURB AND GUTTER OR OTHER IMPROVEMENTS CUT, REMOVED OR DAMAGED IN CONNECTION WITH THIS PROJECT.
 - PIPE DELIVERED TO THE SITE SHALL BE PROTECTED BY THE CONTRACTOR FROM DUST OR OTHER CONTAMINATION PRIOR TO PLACING IN TRENCH AND SHALL BE INSTALLED IN ACCORDANCE WITH DISTRICT STANDARDS TO THE SATISFACTION OF THE DISTRICT'S INSPECTOR.
 - THE CONTRACTOR, AT THE END OF EACH DAY'S WORK, SHALL ENSURE THAT ALL EXPOSURES INTO THE PIPELINE ARE SECURELY PLUGGED AND STOPPED SO THAT NO AIR, FUMES, OR ROSENIT CAN ENTER THE PIPELINE.
 - ALL WORK SHALL BE INSPECTED BY THE WEST VALLEY WATER DISTRICT OR ITS DAILY AUTHORIZED AGENT. THE CONTRACTOR SHALL NOT PROCEED WITH ANY SUBSEQUENT PHASE OF WORK UNTIL THE INSPECTOR HAS MADE THE FOLLOWING PHASES OF WORK:
 - TRENCHING, INSTALLATION OF PIPE, VALVES, FITTINGS, VALVES, BACKFILL AND COMPACTION.
 - LEAKAGE TESTING.
 - VALVES AND VALVE BOXES RAISED TO GRADE, LINES FLUSHED AND FINAL INSPECTION.
 - THE CONTRACTOR SHALL GIVE AT LEAST 2 WORKING DAYS NOTICE WHEN INSPECTIONS OR ENGINEERING ADJUSTMENTS BECOME NECESSARY AS SET FORTH IN THE STANDARD SPECIFICATIONS.
 - PIPE TRENCHES SHALL BE COMPACTED TO 90% THROUGH THE ENTIRE DEPTH.
 - 95% COMPACTION IS REQUIRED FOR 1 FOOT AROUND, UNDER, AND BEHIND ANY CONCRETE STRUCTURE AND CONCRETE KEY.
 - UPON COMPLETION OF THE CONSTRUCTION, ALL DISTURBED AREAS SHALL BE RESTORED TO THEIR ORIGINAL CONDITION.

WATERLINE CONSTRUCTION NOTES

- ALL STATIONING SHOWN ON THESE PLANS IS MEASURED ALONG THE CENTERLINE OF THE PIPE OR AS SHOWN ON PLANS. MINIMUM PIPE COVER SHALL BE 42-INCHES OR AS SHOWN ON PLANS.
- THE CONTRACTOR SHALL NOTIFY THE DISTRICT AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY TIE-INS TO EXISTING WATERLINES. SUCH TIE-INS AS MAY BE REQUIRED TO BE MADE SHALL MEET WITH THE APPROVAL OF THE DISTRICT.
- ALL WATER MAINS SHALL BE CEMENT LINED AND COATED STEEL PIPE (10 GAUGE MINIMUM) CLASS 200.
- CONCRETE THRUST BLOCKS SHALL BE INSTALLED AT ALL PIPE BENDS (WHERE PIPE CHANGES IN DIRECTION MORE THAN 10°) AND FITTINGS, IN ACCORDANCE WITH DISTRICT STANDARD DRAWING W-3.
- AN AIR RELEASE VALVE SHALL BE INSTALLED AT EVERY HIGH POINT IN THE SYSTEM.
- A VALVE BOX AND COVER SHALL BE INSTALLED AT EACH VALVE WHICH IS SET IN THE GROUND. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SETTING VALVE BOXES TO GRADE AFTER FINAL GRADING OR PAVING OPERATION.
- VALVES 12-INCHES AND LARGER SHALL BE BUTTERFLY VALVES. VALVES SHALL BE RATED FOR 150 PSI OPERATION PRESSURE OR AS SHOWN ON THESE PLANS AND SHALL HAVE FLANGED ENDS.
- ALL NEW WATER FACILITIES IMPROVEMENTS SHALL BE TESTED AND DISINFECTED PRIOR TO CONNECTING TO EXISTING WATER SYSTEM, PER AWWA C651. CONCRETE PIPE SHALL FURNISH AND INSTALL TEMPORARY BULHEADS AS REQUIRED FOR PRESSURE TESTING.



VICINITY MAP
SCALE: NTS

BASIS OF BEARING

THE BASIS OF BEARINGS IS THE CENTERLINE OF BASE LINE AVENUE AS SHOWN ON TRACT MAP NO. 9934 ON FILE IN BOOK 228 AT PAGES 71 & 72, OFFICIAL RECORDS OF SAN BERNARDINO COUNTY. SAID LINE BEARS NORTH 89°50'45" EAST.

BENCH MARK

THE BENCH MARK IS CITY OF RIALTO BENCH MARK NO. 031-82 FOUND SAN BERNARDINO CO. SURVEY BENCH 031-82 AS SHOWN ON PARCEL MAP NO. 11645 ON FILE IN BOOK 129 AT PAGE 36, OFFICIAL RECORDS OF SAN BERNARDINO COUNTY. SAID LINE BEARS SOUTH 89°50'45" EAST. ELEVATION: 1311.195 (NOV2020)

LEGEND

- EXISTING RIGHT OF WAY
- EXISTING AC PAVEMENT
- EXISTING SEWER OR STORM DRAIN
- EXISTING GAS LINE
- EXISTING WATER LINE
- EXISTING TELEPHONE LINE
- EXISTING EDISON LINE
- EXISTING CABLE TELEVISION LINE
- EXISTING FIBER OPTICS
- POWER POLE
- CENTERLINE OF STREET
- NEW WATER LINE
- THRUST BLOCK
- AIR VALVE
- BLOW OFF
- BUTTERFLY VALVE
- SHEET NUMBER

CONSTRUCTION CONTRACTOR'S ALERT

CONSTRUCTION CONTRACTORS ARE ADVISED THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND COMPLIANCE WITH ALL APPLICABLE REGULATIONS AND ORDINANCES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND COMPLIANCE WITH ALL APPLICABLE REGULATIONS AND ORDINANCES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND COMPLIANCE WITH ALL APPLICABLE REGULATIONS AND ORDINANCES.

WEST VALLEY WATER DISTRICT / CITY OF RIALTO

WELL HEAD TREATMENT SYSTEM PROJECT

VICINITY MAP, INDEX OF DRAWINGS AND CONSTRUCTION NOTES

SHEET 2 OF 12
SHEETS 405-410
DATE: 08-15-2020
OCT 19 2011

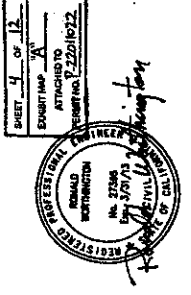
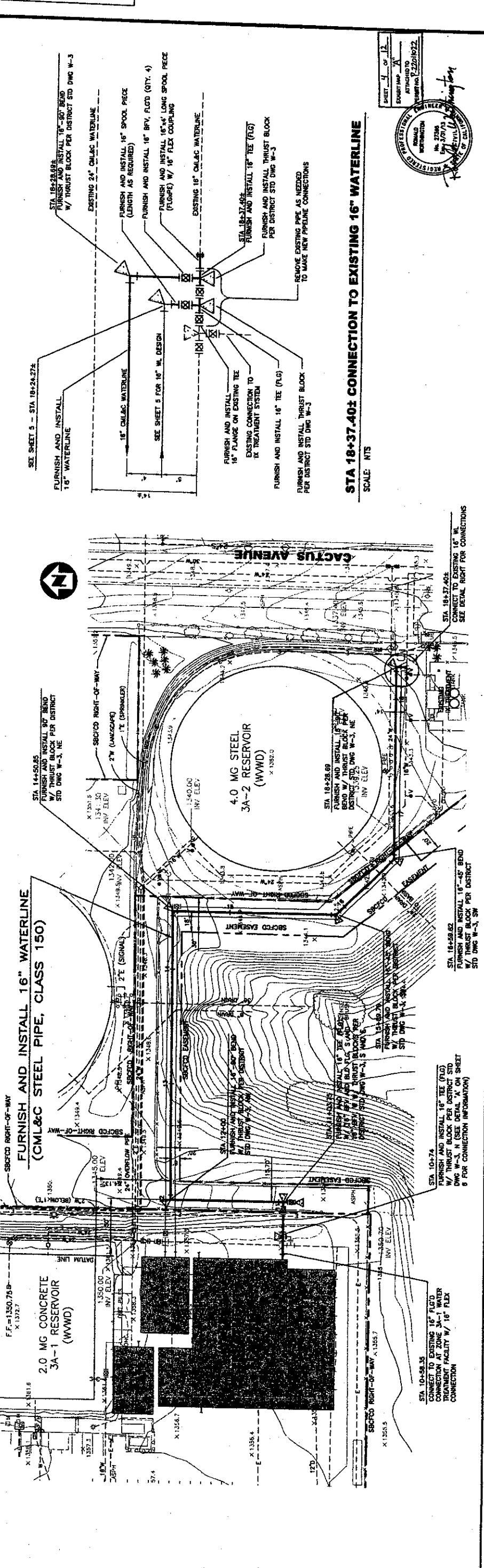
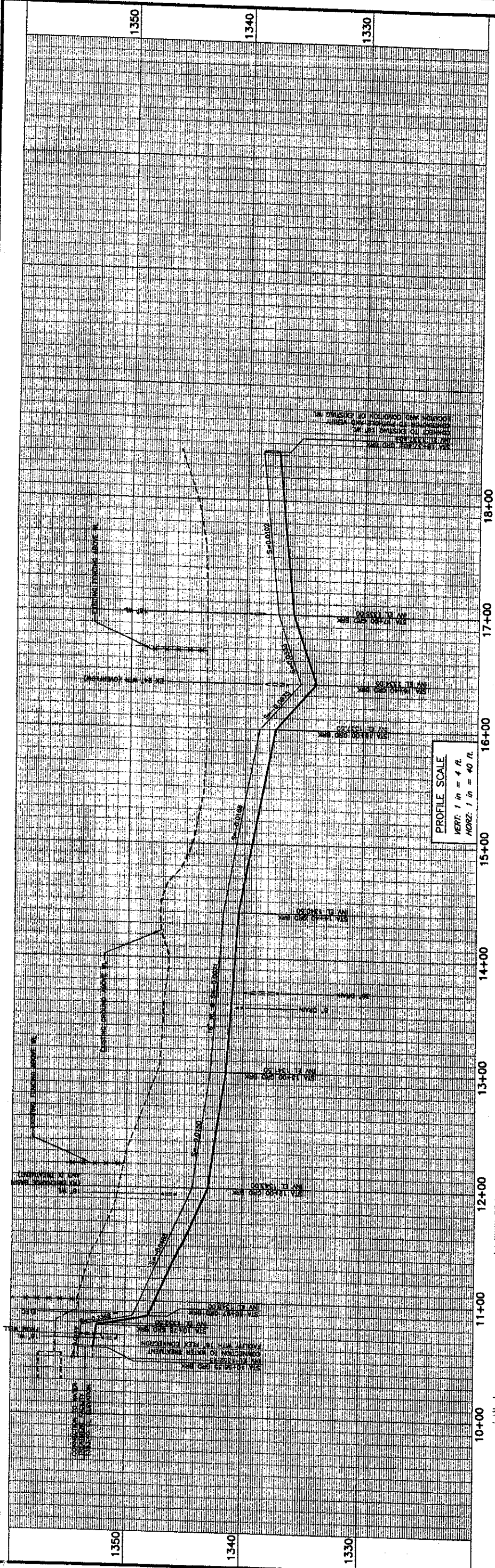
- PROJECT LOCATIONS**
SCALE: NTS
- CITY OF RIALTO**
PUBLIC WORKS DEPARTMENT
150 S. PALM AVENUE
RIALTO, CALIFORNIA 92376
ATTN: MR. CHRIS NEGROZZE
TELE: (909) 820-2530
 - WEST VALLEY WATER DISTRICT**
855 CALIFORNIA AVENUE
RIALTO, CALIFORNIA 92376
ATTN: MR. LON TSAI
TELE: (909) 875-8844
 - SOUTHERN CALIFORNIA GAS COMPANY**
7851 REDWOOD AVENUE
FONTANA, CALIFORNIA 92338
ATTN: JOSEPH GONZALEZ
TELE: (909) 357-0180
 - PACIFIC BELL**
1285 VAN BUREN STREET
ANN ARBOR, CALIFORNIA 92807
ATTN: MS. KAREN SIZEMORE
TELE: (714) 986-9770

ENGINEERING RESOURCES
OF SOUTHERN CALIFORNIA, INC.

150 Cambridge Ave
Rialto, CA 92376
(909) 881-825 Fax (909) 881-2085

APPROVED: *Ronald Washington* 6/18/11
DATE: 6/18/11
SCALE: AS SHOWN
DESIGNED: LSI
CHECKED: RW
JOB NO: 62026.184

NOTE: CALL AT LEAST 48 HOURS PRIOR TO STARTING WORK.



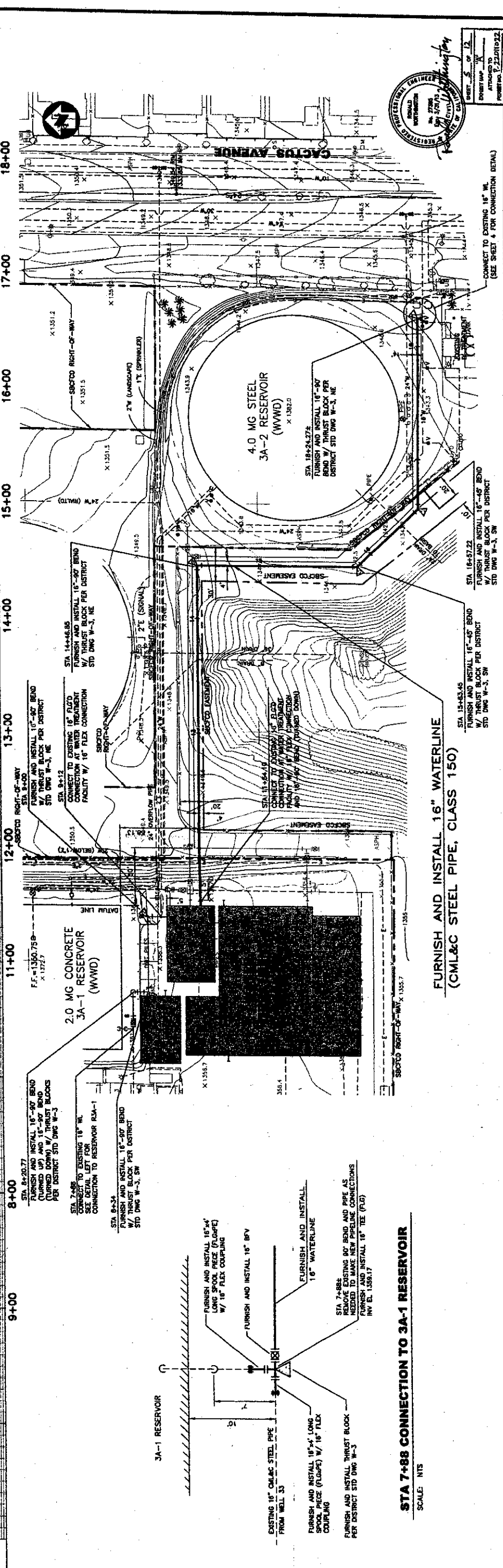
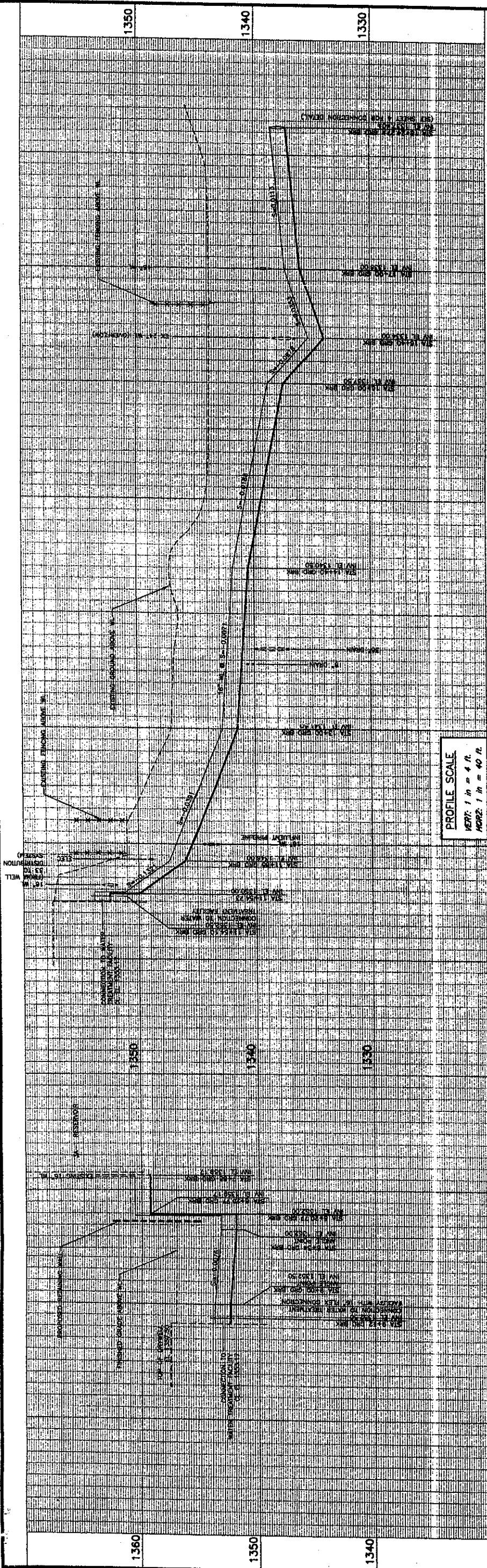
WEST VALLEY WATER DISTRICT / CITY OF RIALTO
 WELL HEAD TREATMENT SYSTEM PROJECT
 - 16" WATERLINE - INFLUENT PIPELINE
 STA 10+58.35 TO STA 18+37.40±

ENGINEERING RESOURCES
 1200 Commercial Circle
 San Bernardino, California 92405-3433
 (909) 881-2525 Fax (909) 881-0882

APPROVED: *Ronald Whittington* 07/19/11
 Date: 07/19/11
 Scale: AS SHOWN
 Job No.: 62023.184
 Drawn: LSJ
 Checked: RW
 Date: 07/19/11

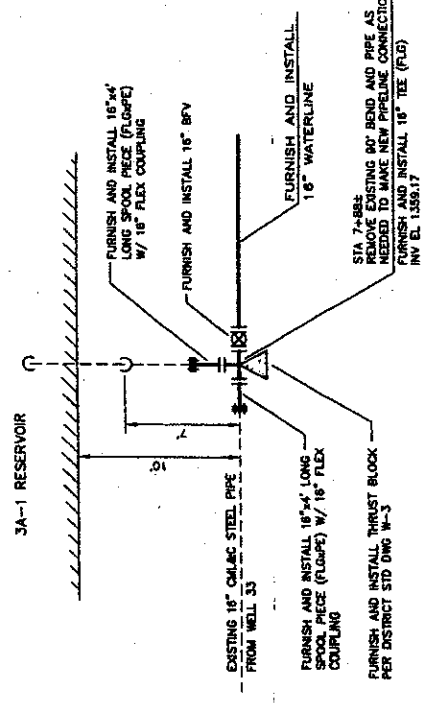
UNDERGROUND SERVICE ALERT
 Call: TOLL FREE 1-800-227-2600
 TWO WORKING DAYS BEFORE YOU DIG

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE RESPONSIBLE TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS AGREEMENT SHALL BE MADE TO APPLY TO ALL PERSONS AND PROPERTY INVOLVED IN THE DESIGN AND CONSTRUCTION OF THE PROJECT, INCLUDING ALL DESIGN PROFESSIONALS, CONTRACTORS, SUBCONTRACTORS, AND SUPPLIERS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE DISTRICT AND CITY OF RIALTO. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE DISTRICT AND CITY OF RIALTO. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE DISTRICT AND CITY OF RIALTO.



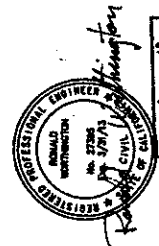
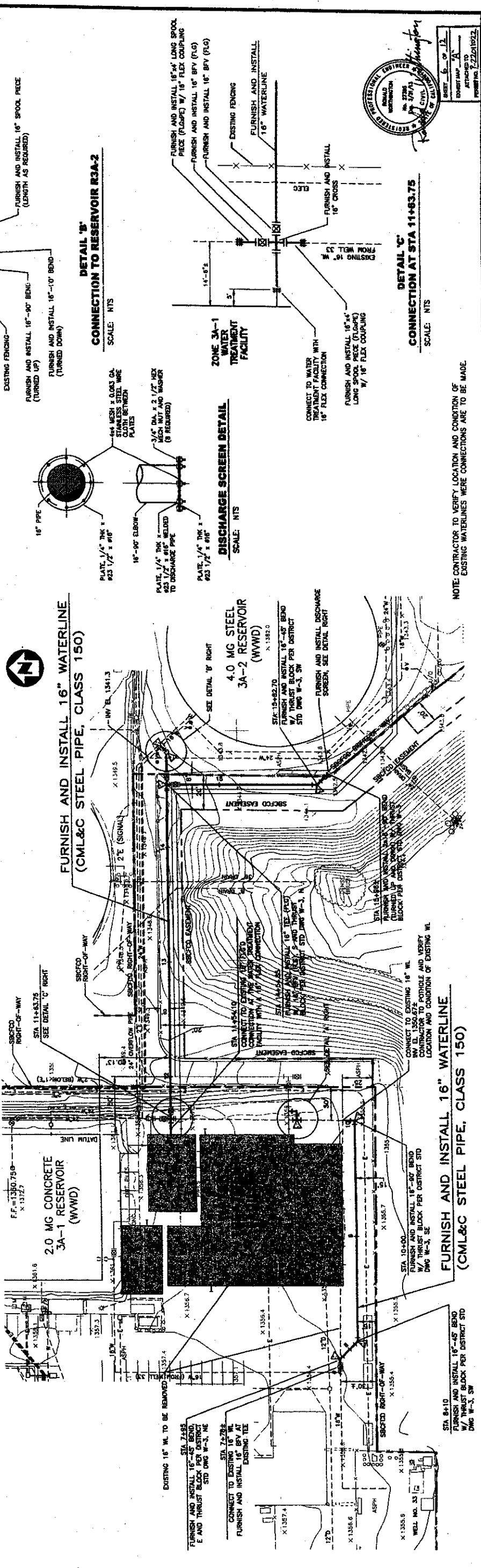
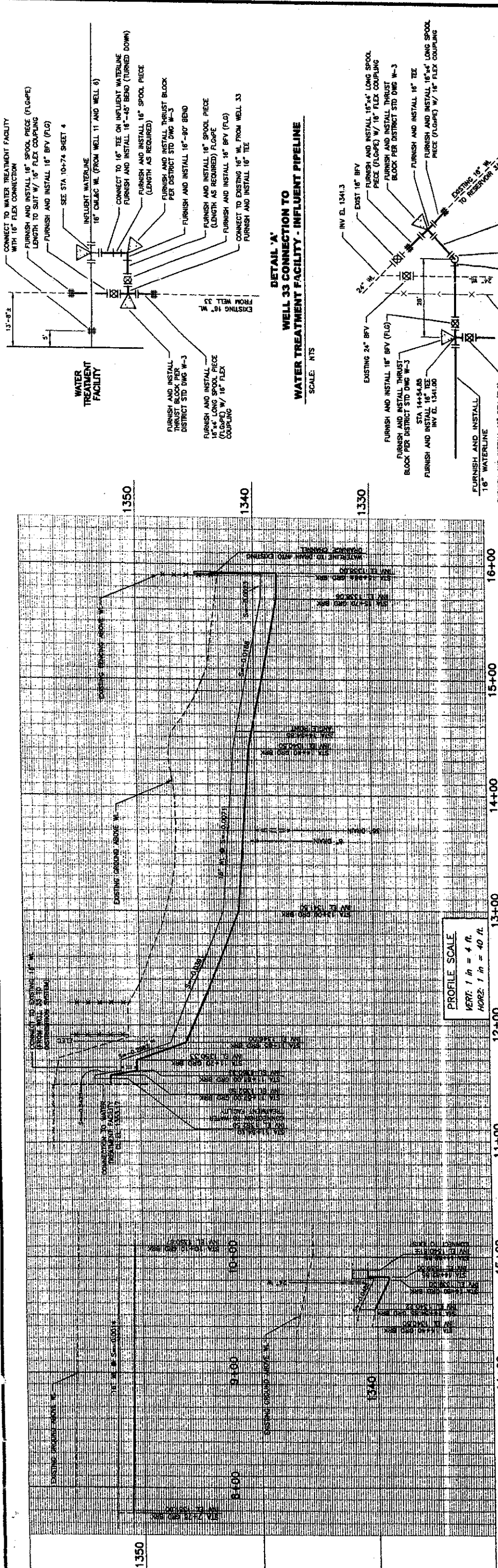
FURNISH AND INSTALL 16" WATERLINE
(CML&C STEEL PIPE, CLASS 150)

STA 7+88 CONNECTION TO 3A-1 RESERVOIR
 SCALE: NTS



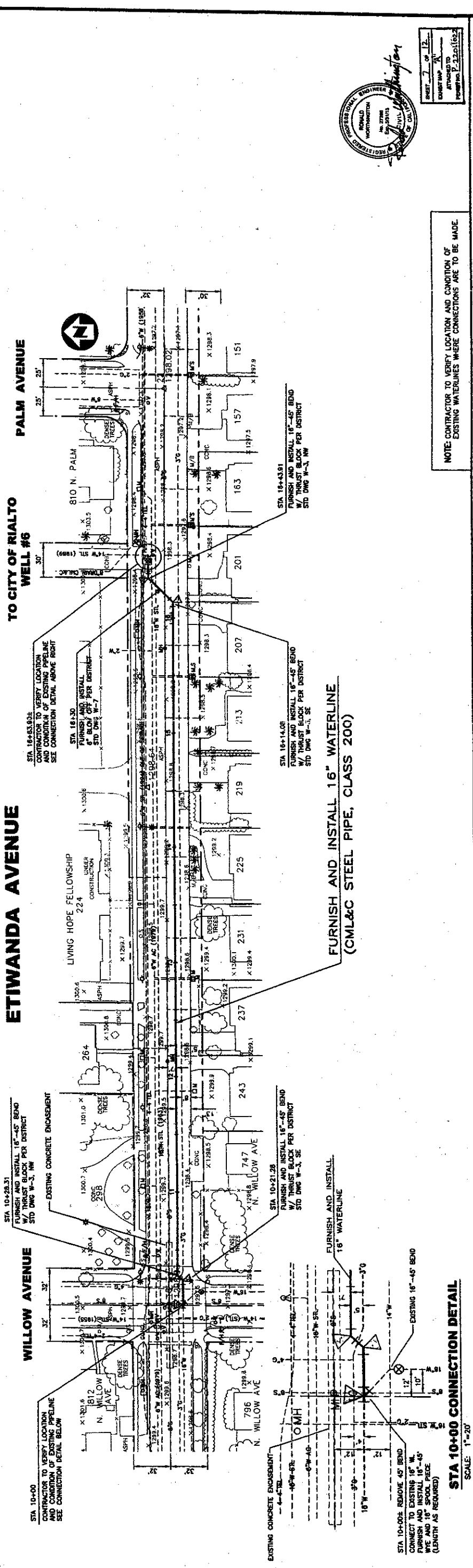
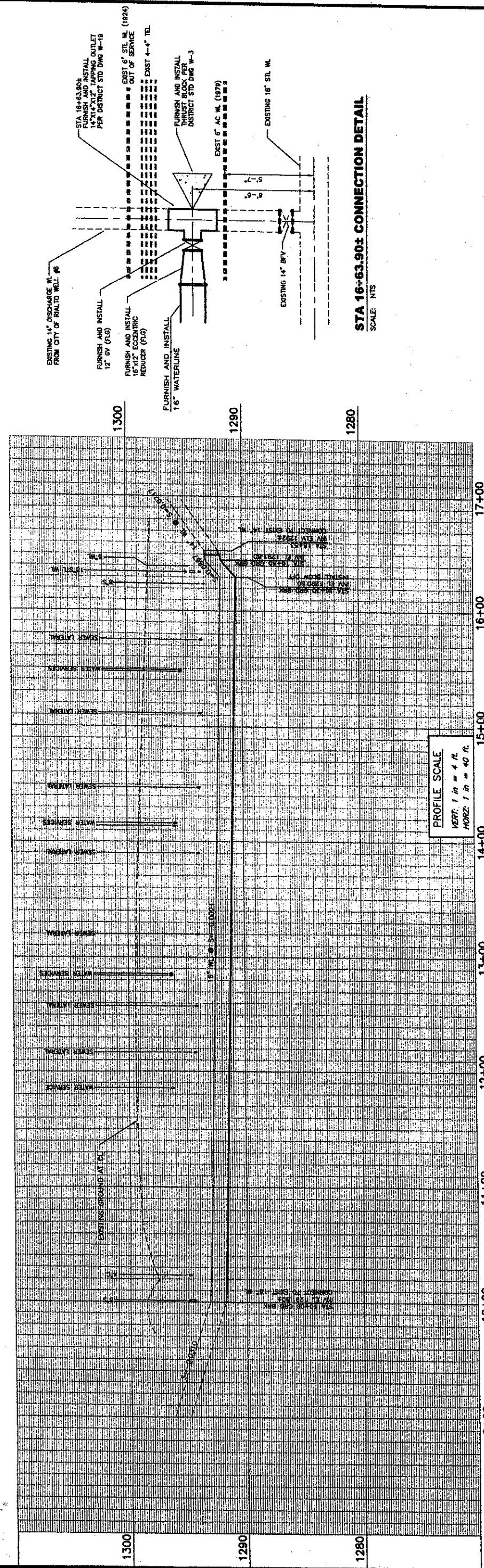
CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE CONSTRUCTION PERIOD. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND SHALL BE LIMITED TO NORMAL WORKING HOURS. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND SHALL BE LIMITED TO NORMAL WORKING HOURS. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND SHALL BE LIMITED TO NORMAL WORKING HOURS.

		WEST VALLEY WATER DISTRICT / CITY OF RIALTO WELL HEAD TREATMENT SYSTEM PROJECT 16" WATERLINE TO DISCHARGE BASIN AND EXISTING IX TREATMENT STA 11+84.10 TO STA 18+24.272	
SHEET 5 OF 12 PROJECT NO. 220101222 DRAWING NO. DWG. W-3		SHEET 5 OF 12 PROJECT NO. 220101222 DRAWING NO. DWG. W-3	
APPROVED: <i>Ronald W. Wittington</i> DATE: 6/14/11		APPROVED: _____ DATE: _____	
DESIGNED: L.S.J. CHECKED: L.S.J. DATE: 6/20/11		DESIGNED: _____ CHECKED: _____ DATE: _____	
SCALE: AS SHOWN		SCALE: AS SHOWN	
UNDERGROUND SERVICE ALERT Call: TOLL FREE 1-800-727-2800		UNDERGROUND SERVICE ALERT Call: TOLL FREE 1-800-727-2800	
ENGINEERING RESOURCES 1800 Commercial Circle San Bernardino, California 92410-5409 (909) 881-0255 Fax (909) 881-0885		ENGINEERING RESOURCES 1800 Commercial Circle San Bernardino, California 92410-5409 (909) 881-0255 Fax (909) 881-0885	



NOTE: CONTRACTOR TO VERIFY LOCATION AND CONDITION OF EXISTING WATERLINES. WHERE CONNECTIONS ARE TO BE MADE.

WEST VALLEY WATER DISTRICT / CITY OF RIALTO WELL HEAD TREATMENT SYSTEM PROJECT 16" WATERLINES WELL 33 BLENDING PIPELINES		SHEET 6 OF 12 6 OF 12 SHEETS 16" WATERLINES WELL 33 BLENDING PIPELINES
ENGINEERING RESOURCES OF BOULDER, COLORADO, INC.		100 Commercial Drive Boulder, Colorado 80504-4100 (303) 440-1255 Fax (303) 440-1256
APPROVED: <i>Ronald W. Washington</i> DATE: 11/14/11	DESIGNED: LSW CHECKED: LSW DRAWN: LSW	SCALE: AS SHOWN
UNDERGROUND SERVICES ALERT CALL TOLL FREE 1-800-227-2800 UNDERGROUND SERVICES ALERT		
CONSTRUCTION CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY INFORMATION FROM THE LOCAL PROFESSIONAL ENGINEERS AND SURVEYORS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY INFORMATION FROM THE LOCAL PROFESSIONAL ENGINEERS AND SURVEYORS.		



STA 16+63.90± CONNECTION DETAIL
SCALE: NTS

NOTE: CONTRACTOR TO VERIFY LOCATION AND CONDITION OF EXISTING WATERLINES WHERE CONNECTIONS ARE TO BE MADE.

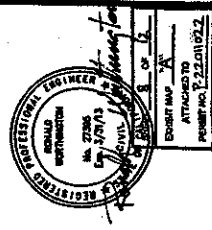
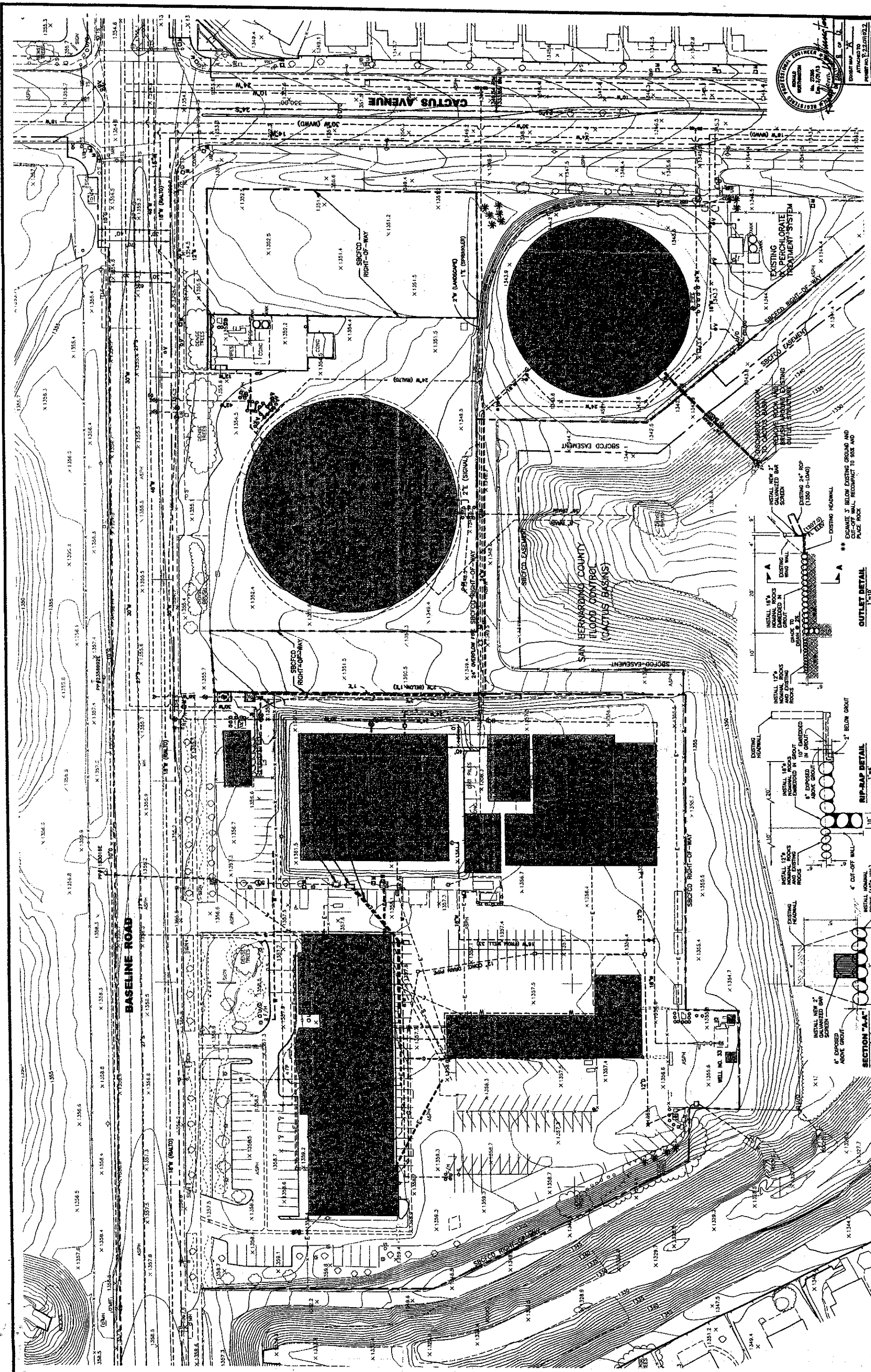
NOTE: CONTRACTOR TO VERIFY LOCATION AND CONDITION OF EXISTING WATERLINES WHERE CONNECTIONS ARE TO BE MADE.

NOTE: CONTRACTOR TO VERIFY LOCATION AND CONDITION OF EXISTING WATERLINES WHERE CONNECTIONS ARE TO BE MADE.

STA 10+00± CONNECTION DETAIL
SCALE: 1"=20'



<p>WEST VALLEY WATER DISTRICT / CITY OF RIALTO</p> <p>WELL HEAD TREATMENT SYSTEM PIPELINES</p> <p>16" WATERLINE IN ETIWANDA AVENUE</p> <p>STA 10+00 TO STA 16+63.90±</p>		<p>SHEET 7 OF 8</p> <p>DATE: 08-13-2014</p>
<p>R ENGINEERING RESOURCES</p> <p>100 Commercial Ctr San Bernardino, California 92410-3400 (909) 80-0255 Fax: (909) 80-0265</p>		<p>DESIGNED: LSI/JS</p> <p>CHECKED: RW</p> <p>DATE: 08/28/14</p> <p>SCALE: AS SHOWN</p>
<p>APPROVED: <i>Ronald Worthington</i></p> <p>DATE: 8/14/14</p>		<p>UNDERGROUND SERVICE ALERT</p> <p>CALL TOLL FREE 1-800-227-2800</p>
<p>CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME FULL AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS RESPONSIBILITY SHALL BE MADE IN WRITING TO THE CONTRACTOR TO BE HELD BY THE CONTRACTOR. PROFESSIONAL LIABILITY INSURANCE FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.</p>		



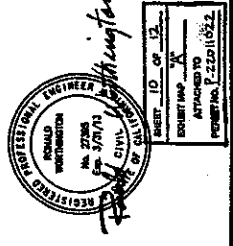
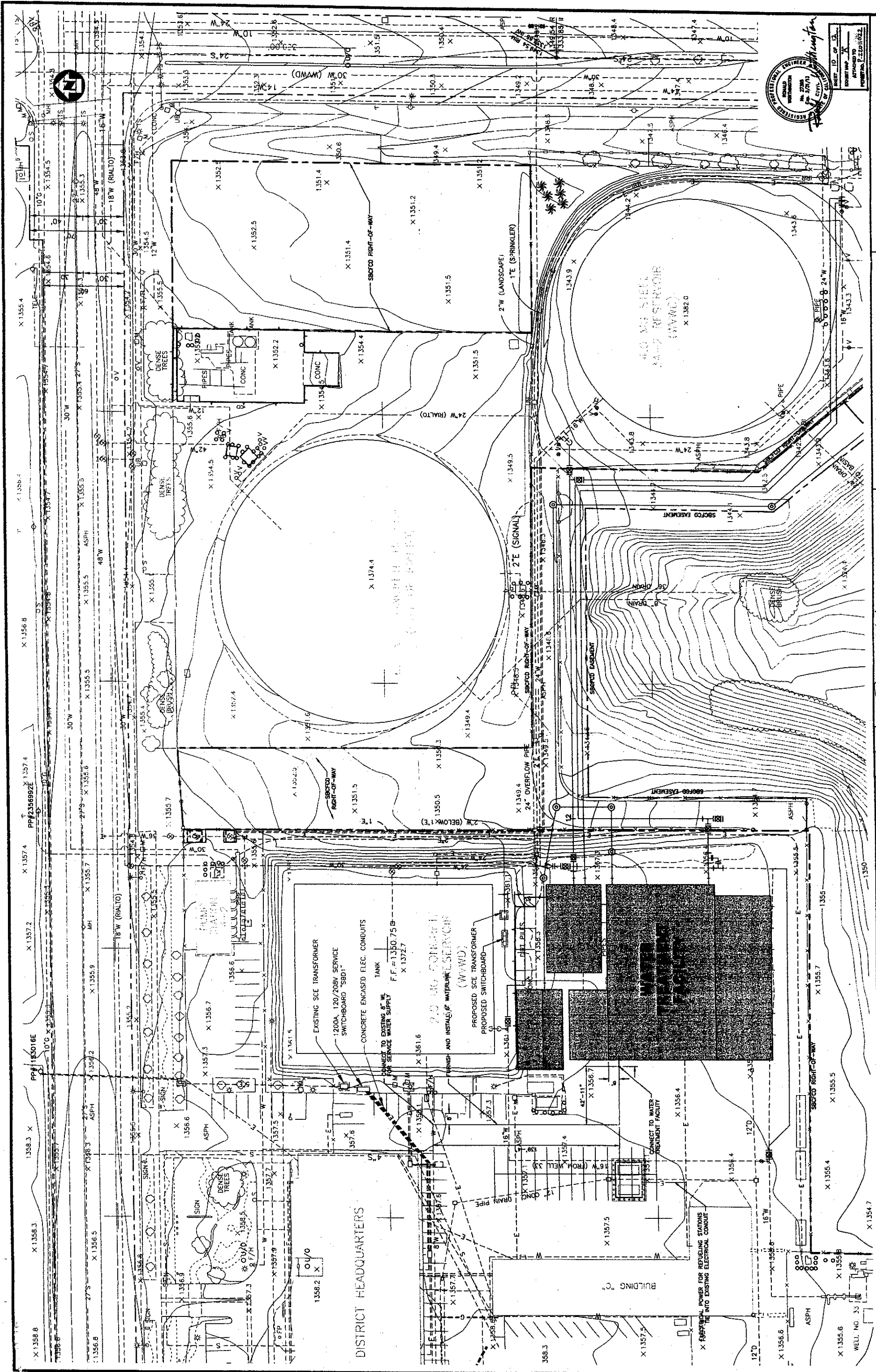
WEST VALLEY WATER DISTRICT / CITY OF RIALTO
 WELL HEAD TREATMENT SYSTEM PROJECT
 SITE LAYOUT

ENGINEERING RESOURCES
 1500 Commodore Circle
 San Bernardino, California 92408-1400
 (909) 398-1955 Fax (909) 398-1965
 OF SAN JUAN CAYMAN, INC.

APPROVED: *Ronald A. Johnson*
 6/14/11
 Scale: 1"=40'
 Checked: LSI
 Drawn: LSI
 Job No. 62026.184

No.	By	Date	Approved

Underground Service Alert
 Call: TOLL FREE 1-800-277-3800
 CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION AND SAFETY PRACTICES, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AFFECTED AGENCIES AND AGENCIES INVOLVED IN THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AFFECTED AGENCIES AND AGENCIES INVOLVED IN THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AFFECTED AGENCIES AND AGENCIES INVOLVED IN THE PROJECT.



WEST VALLEY WATER DISTRICT / CITY OF RIALTO

WELL HEAD TREATMENT SYSTEM PROJECT

SITE UTILITIES

1800 Cornerstone Drive
 San Bernardino, California 92408-3408
 (909) 388-1225 Fax (909) 388-3005

ENGINEERING RESOURCES
 6700 SOUTHERN CALIFORNIA, INC.

APPROVED: *Ronald W. Whittington* License No. 2788 Date: 6/14/11

No.	By	Date	Approved

Underground Services Alert
 Call: TOLL FREE 1-800-227-2600

CONSTRUCTION CONTRACTOR ASSES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF RIALTO AND THE WEST VALLEY WATER DISTRICT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF RIALTO AND THE WEST VALLEY WATER DISTRICT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF RIALTO AND THE WEST VALLEY WATER DISTRICT.

Scale: 1"=30'

Job No. 82028.184

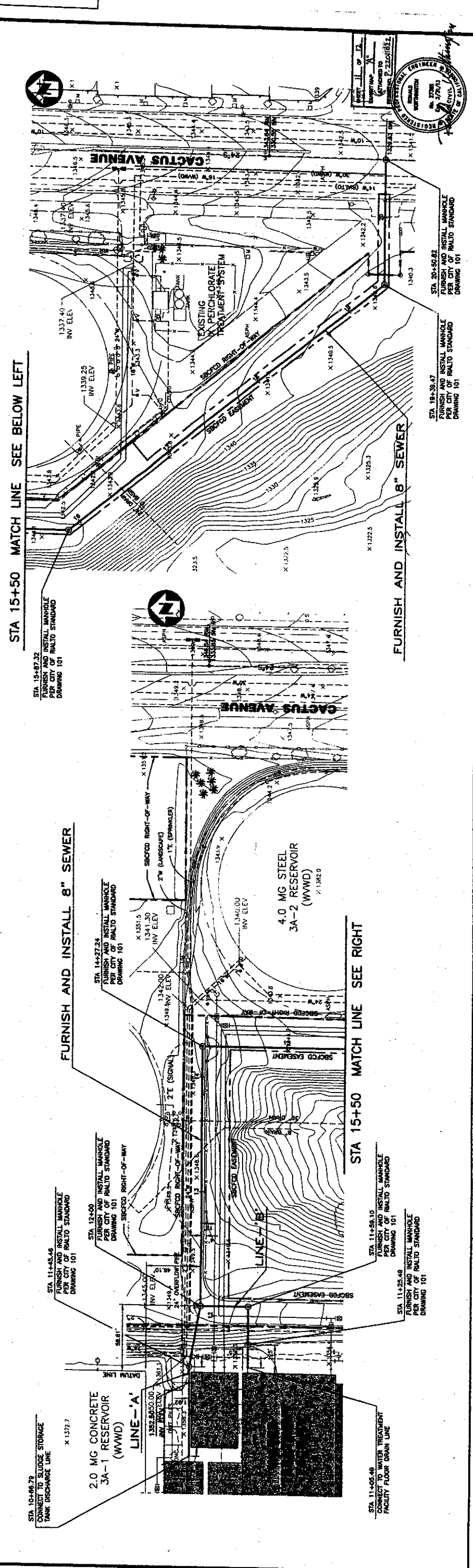
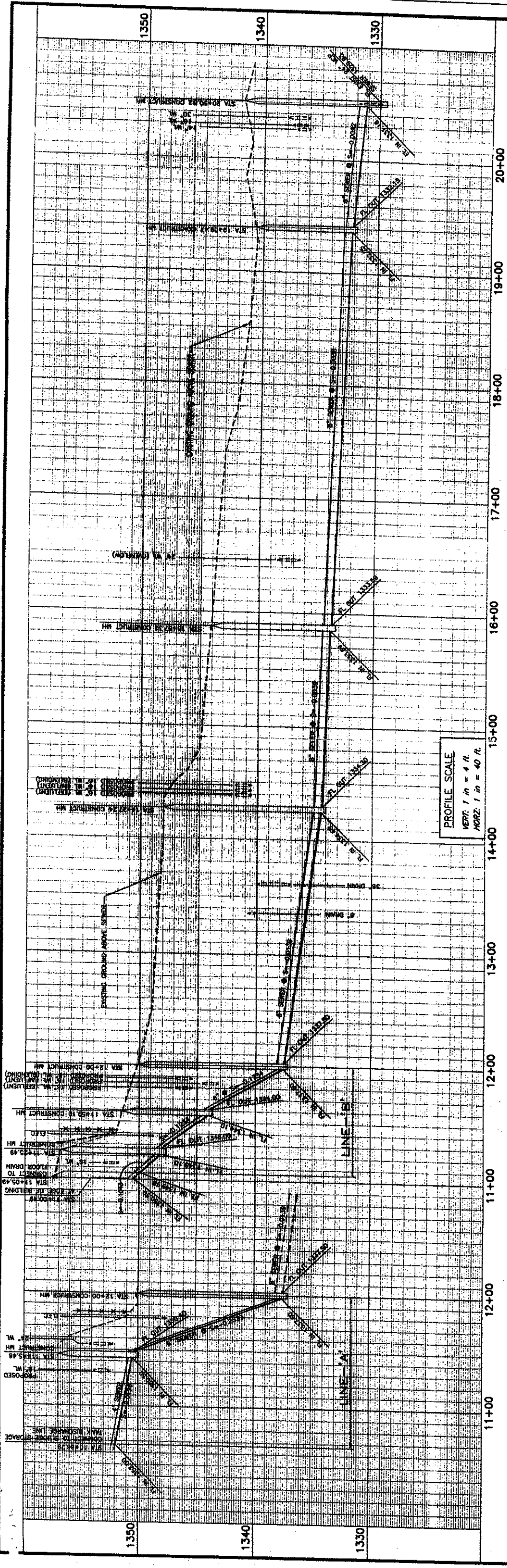
Drawn: L.S.J. Checked: R.W. Scale: 1"=30'

DESIGNED: L.S.J. CHECKED: R.W. SCALE: 1"=30'

DATE: 6/14/11

10 OF 12 SHEETS

OCT 19 2011



WEST VALLEY WATER DISTRICT / CITY OF RIALTO
WELL HEAD TREATMENT SYSTEM PROJECT
 SHEET 11 of 12
 OCT 19 2011
 SEWER LINE

E ENGINEERING RESOURCES
 180 Connecticut City
 San Bernardino, California 92415-3433
 (951) 861-1255 Fax (951) 861-1885

APPROVED *Ronald Winters* **DESIGNED** *LSJ* **CHECKED** *LSJ* **DATE** 8/20/2011

CONSTRUCTION CONTRACTOR'S RESPONSIBILITY: THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR THE PROTECTION OF ALL UTILITIES AND EXISTING STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF ALL PERSONS AND PROPERTY DURING THE CONSTRUCTION OF THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND EXISTING STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF ALL PERSONS AND PROPERTY DURING THE CONSTRUCTION OF THE PROJECT.

UNDERGROUND SERVICE ALERT
 Call: TOLL FREE 1-800-277-2800

NOTES:

- WIDTH OF TRENCH MIN. = PIPE O.D. + 12" MAX. = PIPE O.D. + 16"
- REPLACE A.C. PAVEMENT AND ROAD BASE IN ACCORDANCE WITH EXCAVATION PERMIT.

DESCRIPTION

1	RESILIENT SEATED GATE VALVE, FEMALE X FEMALE IRON PIPE THREAD WITH 2" OPERATING NUT
2	TYPE 4 COPPER TUBING
3	PAINTED ROLL SERVICE SADDLE WITH DOUBLE STAINLESS STEEL STRAPS
4	FRONT FS 202, ROMAC 202S OR SMITH-BLAIR 317.
5	2" DIAMETER 80' SLOTTED SCHEDULE 40 PIPE
6	VALVE BOX AND COVER PER STANDARD DRAWING NO. 11
7	BRASS COUPLING, MALE IRON PIPE THREAD X FEMALE IRON PIPE THREAD, FORD C-94 OR APPROVED EQUAL.

NOTES:

- WRAP GP PIPE WITH 2 LAYERS OF 10 MILS PVC TAPE

TYPICAL TRENCH DETAIL W-1

NOTES:

- LOCATE BLOW-OFF VALVE ON 2'-0" IN FRONT OF FACE CURB
- 4" BLOW-OFF WILL BE REQUIRED FOR 6" - 12" WATER MAIN
- 8" BLOW-OFF WILL BE REQUIRED FOR 14" AND LARGER WATER MAIN
- SIZE OF PIPE, VALVE AND FITTINGS SHALL CONFORM TO THE SIZE OF BLOW-OFF REQUIRED.

DESCRIPTION

1	8" VALVE BOX AND COVER PER STANDARD DRAWING NO. 11
2	4" OR 6" THREADED GALVANIZED IRON PIPE COUPLING WITH SLOTTED PLUG
3	4" OR 6" SCHEDULE 40 STEEL PIPE, FIELD WRAPPED BELOW GROUND PART WITH TWO LAYERS OF 10 MILS PVC TAPE
4	4" OR 6" FLEXIBLE COUPLING
5	4" OR 6" F.P.S. GATE VALVE WITH PRESSURE RATING TO MATCH MAIN LINE. SEE W-11.

4" & 6" BLOW-OFF ASSEMBLY W-7

Underground Service Alert

1 800 277 2600

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR SHALL BE RESPONSIBLE TO ASSURE SAFE AND COMPLETE RECONSTRUCTION OF ALL UTILITIES EXPOSED DURING THE COURSE OF CONSTRUCTION AND TO MAINTAIN ALL UTILITIES IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS AND NOT BE LIABLE TO ANY OTHER PARTY FOR DAMAGE TO UTILITIES OR LOSS OF SERVICE. CONTRACTOR SHALL MAINTAIN ALL UTILITIES IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS AND NOT BE LIABLE TO ANY OTHER PARTY FOR DAMAGE TO UTILITIES OR LOSS OF SERVICE. CONTRACTOR SHALL MAINTAIN ALL UTILITIES IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS AND NOT BE LIABLE TO ANY OTHER PARTY FOR DAMAGE TO UTILITIES OR LOSS OF SERVICE.

SECTIONAL ELEVATION

SECTION A-A

VERTICAL THRUST BLOCK

PIPE DIA.	W	H	L	MIN. ANGLE
18"	17.0	17.0	4'-0"	21.2
24"	24.0	24.0	4'-0"	21.2
30"	30.0	30.0	4'-0"	21.2
36"	36.0	36.0	4'-0"	21.2
42"	42.0	42.0	4'-0"	21.2
48"	48.0	48.0	4'-0"	21.2
54"	54.0	54.0	4'-0"	21.2
60"	60.0	60.0	4'-0"	21.2

CONCRETE THRUST BLOCKS FOR PIPELINES (CLASS 200 P.S.I. MAX.) W-3A

PLAN DETAIL BRACING PLATE

NOTES:

- VALVE MARKER SHALL BE INSTALLED AS DIRECTED BY THE DISTRICT INSPECTOR. DELETE VALVE MARKER WHENEVER VALVE BOX IS INSTALLED IN A ROAD HAVING CURB AND GUTTER.
- CLASS IV CONCRETE FLANGE, 20' SQ. POUR AGAINST WELL COMPACTED EARTH, 30" MIN. DELETE IF VALVE BOX IS INSTALLED IN A PAVED ROAD.

VALVE AND VALVE BOX INSTALLATION DETAIL W-11

Approved: *Randy Westinghouse*

Scale: TOLL FREE 1 800 277 2600

SECTIONAL ELEVATION

SECTION C-C

VERTICAL BEARER BLOCK

PIPE DIA.	W	H	L	GRADE X OFF.
18"	17.0	17.0	4'-0"	18.0
24"	24.0	24.0	4'-0"	18.0
30"	30.0	30.0	4'-0"	18.0
36"	36.0	36.0	4'-0"	18.0
42"	42.0	42.0	4'-0"	18.0
48"	48.0	48.0	4'-0"	18.0
54"	54.0	54.0	4'-0"	18.0
60"	60.0	60.0	4'-0"	18.0

CONCRETE THRUST BLOCKS FOR PIPELINES (CLASS 200 P.S.I. MAX.) W-3B

GUARD POST INSTALLATION DETAIL W-12

NOTES:

- LOCATION SHALL BE AS SHOWN ON PLAN VIEW, OR AS DIRECTED IN THE FIELD BY THE DISTRICT INSPECTOR OR ENGINEER.

GUARD POST INSTALLATION DETAIL W-12

Approved: *Randy Westinghouse*

Scale: TOLL FREE 1 800 277 2600

WATER SERVICE DETAIL W-5B

DESCRIPTION

1	RESILIENT SEATED GATE VALVE, FEMALE X FEMALE IRON PIPE THREAD WITH 2" OPERATING NUT
2	TYPE 4 COPPER TUBING
3	PAINTED ROLL SERVICE SADDLE WITH DOUBLE STAINLESS STEEL STRAPS
4	FRONT FS 202, ROMAC 202S OR SMITH-BLAIR 317.
5	2" DIAMETER 80' SLOTTED SCHEDULE 40 PIPE
6	VALVE BOX AND COVER PER STANDARD DRAWING NO. 11
7	BRASS COUPLING, MALE IRON PIPE THREAD X FEMALE IRON PIPE THREAD, FORD C-94 OR APPROVED EQUAL.

NOTES:

- WRAP GP PIPE WITH 2 LAYERS OF 10 MILS PVC TAPE

WATER SERVICE DETAIL W-5B

TAPPING OUTLET FOR STEEL PIPE 3" AND LARGER W-19

NOTES:

- USE COLLAR REINFORCEMENT WHEN OUTLET TO MAIN RATIO IS 50% OR LESS.
- USE WRAPPER REINFORCEMENT WHEN OUTLET TO MAIN RATIO IS GREATER THAN 50%.
- SCHEDULE 40 STEEL OUTLET NOZZLE SHOULD BE POSITIONED AND WELDED ON TO WATER MAIN PRIOR TO WELDING OF THE REQUIRED REINFORCEMENT.
- FLANGE SHALL BE ATTACHED WITH BOLT HOLES CENTERED ABOUT THE VERTICAL AXIS OF THE PIPE UNLESS OTHERWISE NOTED.
- REINFORCEMENT DESIGN IS BASED ON THE STEEL AREA REMOVED FROM THE MAIN LINE AND THE OPERATING PRESSURE OF THE SYSTEM.
- JOB SPECIFICATIONS/DETAILS FOR REINFORCEMENT SHALL GOVERN IF IN EXCESS OF NOTES 1, 2 AND 3 ABOVE.
- ALL METAL SURFACES SHALL BE PAINTED PER SPECIFICATIONS.

TAPPING OUTLET FOR STEEL PIPE 3" AND LARGER W-19

Approved: *Randy Westinghouse*

Scale: TOLL FREE 1 800 277 2600

EXHIBIT B

AGENCY LETTERS

Attached behind this cover page



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
75 Hawthorne Street
San Francisco, CA 94105

SENT VIA EMAIL AS PDF

February 8, 2016

Tom Crowley
General Manager
West Valley Water District
855 W. Baseline
Rialto, CA 92377

Dear Mr. Crowley:

Subject: WVWD Startup and Operational Discharges to the Cactus Avenue Flood Control Basins

We have reviewed the January 27, 2016 Technical Memorandum related to the West Valley Water District's (the District) planned discharge of treated water from the District's Groundwater Wellhead Treatment System Project into Cactus Avenue Flood Control Basins #1 and #2. The Cactus Basins are operated by the San Bernardino County Flood Control District.

The Memorandum states that discharges are planned during initial plant startup and potentially, after startup. The estimated discharge volume during startup is 336 acre-feet, assumed to occur over a period of 40 days. Subsequent discharges, after startup, are estimated at up to 128 acre feet per year. The discharged water is expected to recharge the Cactus Basins and infiltrate into the underlying groundwater. After startup, the treated groundwater will be used as drinking water and discharges to the Cactus Basins are expected to be infrequent.

Given the relatively small volumes of water and the limited duration of the planned discharges, we do not expect the discharges to have a significant effect on the distribution or movement of contaminated groundwater in the Rialto-Colton groundwater basin. Cactus Basins #1 and #2 are located near the western edge of the groundwater plumes associated with the Rockets, Fireworks, and Flares Superfund Site (formerly known as the B.F. Goodrich Superfund Site).

EPA previously reached this same conclusion about discharges that occurred during earlier testing of the project. The earlier discharges were similar in magnitude, estimated at 270 acre-feet, to the currently proposed discharges.

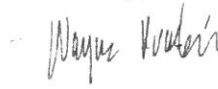
The shallow groundwater beneath Cactus Basins #1 and #2 is not known to be contaminated. Near the Cactus Basins, significant groundwater contamination (i.e., contaminant concentrations exceeding Maximum Contaminant Levels) first appears deeper in the aquifer (e.g., at more than

EXHIBIT B
Water Spreading Agreement
Cactus Basin No. 2
Page 1 of 4

100 feet below the water table at nearby groundwater monitoring well 1S/5W-3A). We expect that the planned discharge will have a negligible effect, if any, on this deeper groundwater.

Please call or email at 415-972-3181 or praskins.wayne@epa.gov with any questions.

Sincerely,



Wayne Praskins
Project Manager

cc: Kurt Berchtold, Santa Ana Regional Water Quality Control Board

EXHIBIT B
Water Spreading Agreement
Cactus Basin No. 2
Page 2 of 4



EXHIBIT B
Water Spreading Agreement
Cactus Basin No. 2
Page 3 of 4



EDMUND G. BROWN JR.
GOVERNOR

MATTHEW RODRIGUEZ
SECRETARY FOR
ENVIRONMENTAL PROTECTION

Santa Ana Regional Water Quality Control Board

February 8, 2016

Mr. Thomas J. Crowley, PE
General Manager
West Valley Water District
855 West Base Line Road
P.O. Box 920
Rialto, CA 92377
(tcrowley@wvwd.org)

COMMENTS ON WEST VALLEY WATER DISTRICT'S TECHNICAL MEMORANDUM REGARDING THE PROPOSED LONG-TERM PERMIT FOR DISCHARGE OF TREATED GROUNDWATER INTO THE SAN BERNARDINO FLOOD CONTROL DISTRICT'S CACTUS BASINS #1 AND #2

Dear Mr. Crowley:

We have reviewed the above referenced Technical Memorandum (TM), dated January 27, 2016, which was prepared by the West Valley Water District (WVWD), and the "Flow and Solute Transport Model Calibration of the Rialto-Colton Basin Groundwater Model" (Model Report), dated December 1, 2015, which was prepared by your consultant, Geoscience. The TM is an update to WVWD's October 2012 TM, and provides further technical analysis in response to the concern by the San Bernardino County Flood Control District (SBCFCD) that WVWD's proposed long-term use of the SBCFCD's Cactus Basins #1 and #2 for the discharge of treated groundwater may adversely affect the movement of a perchlorate and trichloroethylene contaminant plume that is present in the groundwater that underlies the basins. WVWD states that Geoscience's Model Report is a consolidation and comparison of various model runs of different groundwater models that have been developed over the past decade, and in collaboration among the San Bernardino Valley Municipal Water District, WVWD, the Goodrich Corporation, the cities of Rialto and Colton, USEPA, CH2MHill consultants and the U.S. Geological Survey.

Based on the modeling results, the data from previous discharges to Cactus Basins #1, #2, and field measurements of groundwater elevation, WVWD and Geoscience conclude that:

1. "There is no significant change in the size of the geographic footprint of the perchlorate plumes with or without recharge at the Cactus Basins, but concentrations are decreased from dilution;"
2. "Water levels increased up to 2-ft in the vicinity of the recharge ponds as a result of recharge versus no recharge. Water levels due to recharge were imperceptible elsewhere in the Basin;"

WILLIAM RUH, CHAIR | KURT V. BERCHTOLD, EXECUTIVE OFFICER

3737 Main St., Suite 500, Riverside, CA 92501 | www.waterboards.ca.gov/santaana

♻️ RECYCLED PAPER

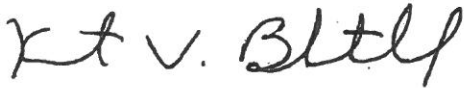
3. "The model predictive results show no anticipated significant groundwater contamination impacts from the proposed Project, suggesting that no additional mitigation measures are needed beyond those that have been previously planned and are in place."

We have evaluated the groundwater treatment system design, and the proposal for monthly and quarterly discharges of the treated groundwater into Cactus Basins #1 and #2 at a rate of 4 cubic feet per second, totaling 128 acre-feet per year. We have reviewed the data and calculations in the attachments to WWWD's Technical Memorandum. WWWD states that the two downgradient municipal supply wells (Rialto #6 and WWWD #11) that are being pumped (to generate water for the treatment and subsequent discharge to Cactus Basin #2) will capture the majority of any localized recharge that may result from percolation of the clean, treated water into Cactus Basins #1 and #2.

Monitoring data (USGS Cluster Well 1S/5W-3A) indicate that the shallow groundwater underlying the Cactus Basins is not impacted by the perchlorate and trichloroethylene plume, and that the plume is first present at a depth of about 100 feet below the groundwater table. Based on the percolation data and infiltration calculations and the depth of the plume below the groundwater table, we do not believe that the limited volume and the anticipated intermittent occurrence of the discharge to the two basins will adversely impact the movement of the perchlorate plume.

If you have any questions, please call Ann Sturdivant at (951) 782-4904, or send email to ann.sturdivant@waterboards.ca.gov, or you may contact me at (951) 782-3286 or by e-mail at kurt.berchtold@waterboards.ca.gov.

Sincerely,



Kurt V. Berchtold
Executive Officer

cc: Wayne Praskins, U.S. EPA Region IX (praskins.wayne@epa.gov)

WWWD_Cactus_Basins_02-04-2016

EXHIBIT B
Water Spreading Agreement
Cactus Basin No. 2
Page 4 of 4

EXHIBIT C

EMERGENCY CONTACT PERSONNEL

FIRST NAME	LAST NAME	TITLE	WORK NUMBER (909)	CELL NUMBER (909)	EMAIL
John	Thiel	General Manager	820-3706	(530) 545-3521	jthiel@wvwd.org
Linda	Jadeski	Assistant General Manager	820-3713	644-0570	ljadeski@wvwd.org
Joanne	Chan	Operations Manager	875-1804	644-0011	jchan@wvwd.org
Sergio	Granda	Chief Water Systems Operator	875-1804	644-1445	sgranda@wvwd.org
Lance	Drake	Lead Water Systems Operator	875-3975	543-8570	ldrake@wvwd.org
Brian	Grubert	Lead Water Systems Operator	875-3975	685-8630	bgrubert@wvwd.org

EXHIBIT D

COSTS AND BILLINGS

- 1) Direct labor costs and labor-related costs to DISTRICT due to the spreading of WATER.**
- 2) Labor cost is determined by the salary listed in the Consolidated Memorandum of Understanding (MOU) between the County and the Teamsters Local 1932 (Teamsters).**
- 3) Actual cost (if any) to DISTRICT for materials incorporated or used in the work to spread WATER.**
- 4) Actual cost (if any) to DISTRICT for use of DISTRICT equipment, County owned equipment, and other related equipment used in additional work attributable to the spreading of WATER.**
- 5) Prevailing General and administrative overhead costs will be added to Item 1 above. DISTRICT may perform additional work related to the spreading of WATER operations activities upon receipt of written authorization at cost in accordance with this EXHIBIT D.**
- 6) Conditions of payment by WVWD to DISTRICT for these costs are as follows:**
 - i. DISTRICT shall provide monthly or quarterly invoices of monies due to the DISTRICT.**
 - ii. WVWD shall make payment to the DISTRICT within thirty (30) days after receipt of said invoice.**



SHEET 1 OF 1
EXHIBIT MAP
ATTACHED TO
WATER SPREADING
AGREEMENT

EXHIBIT B



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
75 Hawthorne Street
San Francisco, CA 94105

SENT VIA EMAIL AS PDF

April 2, 2026

Noel Castillo
Chief Flood Control Engineer
San Bernardino County Flood Control District
Department of Public Works
825 East Third Street
San Bernardino, CA 92415-0835

Dear Mr. Castillo:

Subject: Discharge to the Cactus Avenue Flood Control Basins

I manage U.S. EPA's groundwater cleanup in the Rialto-Colton Groundwater Basin. I understand that West Valley Water District (WVWD) has requested an increase in the volume of water which can be discharged from WVWD's Groundwater Wellhead Treatment System Project into Cactus Avenue Flood Control Basin #2 from 800 acre-feet/year to 1,200 acre-feet/year.

We support the increase. WVWD operates a Fluidized Bed Reactor (FBR) to remove perchlorate from groundwater extracted from the Rialto-06 well located in the Rialto-Colton Basin. In a 2022 Record of Decision, EPA adopted a cleanup plan for the Rialto-Colton Basin which supports the continued extraction and treatment of groundwater from the Rialto-06 well.

We do not expect the increased recharge volume to have a significant effect on the distribution or movement of contaminated groundwater in the Rialto-Colton groundwater basin. The Cactus Basins are located near the western edge of the groundwater plumes associated with the Rockets, Fireworks, and Flares Superfund Site (formerly known as the B.F. Goodrich Superfund Site).

Please call or email at 415-972-3181 or praskins.wayne@epa.gov with any questions.

Sincerely,

A handwritten signature in blue ink that reads "Wayne Praskins".

Wayne Praskins
Project Manager

Cc: Eric Lindberg, Executive Officer, Santa Ana Regional Water Quality Control Board



STAFF REPORT

DATE: June 4, 2026

TO: Board of Directors

FROM: Kara Johnson, Acting Board Secretary

SUBJECT: Approval for Director attendance at Outside Meetings pursuant to Board of Directors Policies and Procedures Manual Section 18.2(b)(vii).

STRATEGIC GOAL:

Strategic Goal 3 - Develop and Grow Effective Communication and Advocacy Practices.

Strategic Goal 4 - Strengthen Partnerships with Outside Agencies.

Strategic Goal 5 - Apply Sound Planning, Innovation, and Best Practices.

MEETING HISTORY:

N/A

BACKGROUND:

Outside meetings that are pre-approved by the Board for attendance and compensation are listed on Schedule A of the Board Policies and Procedures manual. Although this manual is currently in the process of being updated, and both Water Education for Latino Leaders (WELL) and Urban Water Institute (UWI) are planned to be added, they are not listed in the current policy. Therefore, in accordance Section 18.2(b)(vii) a Director must receive prior Board approval.

DISCUSSION:

The WELL 2026 SoCal Water Summit - Policy, Scarcity, and Resilience: The Future of Local Water Systems, will be held on Saturday June 13, 2026, at the Water Replenishment District Albert Robles Center for Water Recycling and Environmental Learning in Pico Rivera. The main subject matter for the Summit will be understanding California's most critical water policy challenges and explore how local leaders can shape smarter, more sustainable decisions for the communities they serve. Enhancing Board knowledge in this area is a benefit to the district.

The UWI 2026 Annual Conference, will be held from August 19 - 21, 2026, at the Loews Coronado Bay Resort and will focus on today's most pressing water management issues, representing a broad range of expertise and non-partisan perspectives. Enhancing Board knowledge in this area is a benefit to the district.

FISCAL IMPACT:

The fiscal impact of this trip will be approximately \$600 for WELL which will include transportation and registration. Lodging will not be necessary.

The fiscal impact for UWI will be approximately \$17,000 which will include transportation, lodging, meals, and registration.

REQUESTED ACTION:

Staff requests the following Board action:

1. Approve President Moore, Director Bennett, and Director Jenkins to attend the WELL SoCal Water Summit on June 13, 2026, in Pico Rivera, CA.
2. Approve President Moore, Vice President Garcia, Director Bennett, and Director Young to attend the Urban Water Institute Annual Conference from August 19 - 21, 2026, in Coronado, CA.