

2023 ANNUAL WATER QUALITY REPORT

Jurupa Community Services District (JCSD) tests drinking water quality through an independent laboratory for the constituents required by state and federal regulations. This report shows the results of our monitoring for the period of January 1, 2023 – December 31, 2023. Last year, as in years past, your metered tap water met all U.S. Environmental Protection Agency (U.S. EPA) and State Drinking Water Health Standards. This report contains important information about your drinking water. Please contact Jurupa Community Services District at (951) 685-7434, x104 for assistance in translation.

www.JCSD.us



This report contains important information about your drinking water. Please contact Jurupa Community Services District at (951) 685-7434, x104 for assistance in Spanish.

Este informe contiene información muy importante sobre su agua para beber. Favor de comunicarse Jurupa Community Services District a (951) 685-7434, x104 para asistirlo en español.

由于此报告书包含着有关饮用水的重要信息,因此希望各位跟能够翻译或理解报告书内容的人对话。

Báo cáo này chứa đựng thông tin quan trọng về nước uống của bạn. Hãy đọc hoặc nhờ người dịch cho quý vị.

Chi tiết này thật quan trọng. Xin nhờ người dịch cho quý vị. Itong documento ay naglalaman nang mahalagang impormasyon tungkol sa tubig na maaring inumin. Maaring isalin sa taong nakakaintidi.

이 보고서는 당신의 식수와 관련된 중요한 정보를 포함하고있으 니 번역하시거나 보고서의 내용을 이해할 수 있는 분과이야기 하 시기 바랍니다.



ADVANCING QUALITY, ENSURING SAFETY:

Water Treatment and Infrastructure Investments



At Jurupa Community Services District, our dedication to providing safe, clean drinking water remains unwavering. Our team is devoted to not only exceeding requirements of water quality standards, this commitment is a cornerstone of our mission to serve and protect public health.

This report outlines results from our rigorous testing regimen culminating in over 36,000 tests throughout 2023. These efforts guarantee that the water we deliver is safe and of the highest quality.

In 2023, JCSD continued to enhance our water treatment capabilities. We utilize advanced treatment technologies to transform groundwater into a dependable source of drinking water. Our ongoing investments in our system are designed to protect the community's valuable resources and increase our water production and delivery efficiencies.

Financial prudence and strategic planning are critical in our operations. Our Capital Improvement Program (CIP) is designed to sustain the integrity and efficiency of our water system. By proactively maintaining and upgrading our facilities and equipment, we minimize the need for costly emergency repairs and enhance the longevity of our infrastructure.

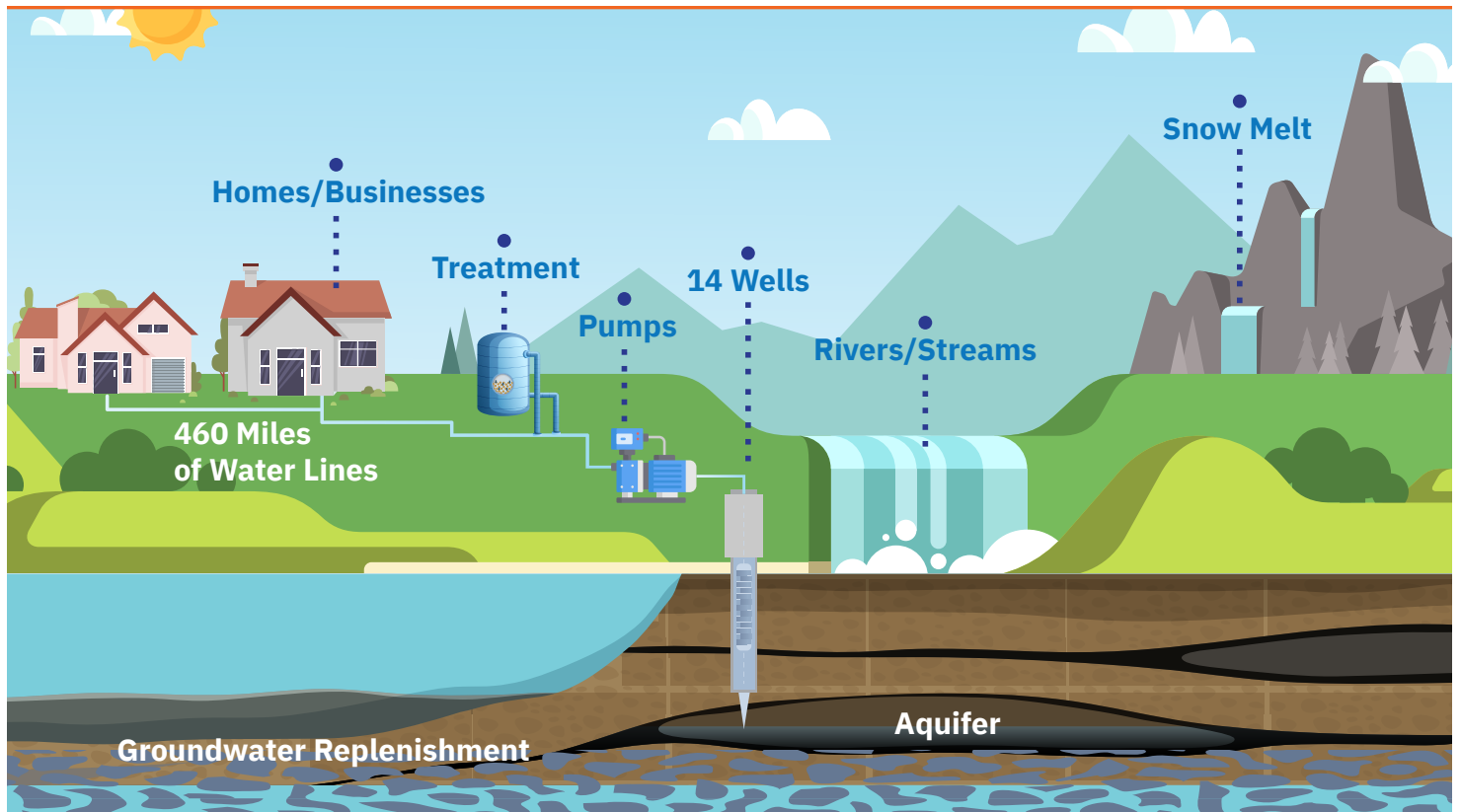
We are proud of the strides we have made this year and are excited to share these developments with you. As you review this report, we hope you gain a deeper understanding of the diligent care and effort that JCSD devotes to advancing our delivery of high-quality water service.

We invite you to take this opportunity to learn more about our water quality, system improvements, and JCSD's dedicated efforts to uphold our promise of excellence in service and public health protection.

Chris Berch
General Manager
Jurupa Community Services District



WHERE YOUR DRINKING WATER COMES FROM



JCSD's dependable water supply is sourced from the Chino Groundwater Basin, where natural runoff from the nearby mountains continuously replenishes an underground aquifer. With 14 active wells, JCSD draws the water and distributes it throughout an expansive network comprised of 460 miles of underground water lines to serve the Eastvale and Jurupa Valley communities.

Your Rates Help Shape The Future

JCSD provides clean water and reliable service to nearly 140,000 customers within our District. All of JCSD's operations, maintenance, and improvements made to the water system each year are funded directly through water rates and charges. Your rates are essential to ensuring safe and reliable water service for you and the community.

CUSTOMER CARE PROGRAM

JCSD's Customer Care Program offers a monthly credit for those need assistance. Find out if you qualify today! You can apply on-line, in person, or by mail. Visit www.JCSD.us or call (951) 685-7434 for more information.



WHERE DO YOUR RATES GO?

Customer rates are crucial in maintaining and enhancing JCSD's infrastructure, supporting:



INFRASTRUCTURE UPGRADES



ADVANCED TREATMENT TECHNOLOGIES



RIGOROUS QUALITY TESTING

These investments allow JCSD to continuously improve system efficiency while surpassing health standards through the administration of over 36,000 water quality tests a year to make sure that you have a secure and reliable water supply for the future.

A LOCAL, SUSTAINABLE SOLUTION: BREAKING GROUND ON JCSD'S REGIONAL RECYCLED WATER PROJECT

Jurupa Community Services District (JCSD) celebrated the start of construction for the JCSD Regional Recycled Water project in June. The project will deliver 350 million gallons of recycled water – enough to offset our local drinking water supply for more than 3,000 homes yearly.

Held at American Heroes Park in Eastvale, the groundbreaking ceremony welcomed over 20 public agencies and dignitaries, including remarks by California Senator Richard Roth, Senator Jim Brulte (Ret.), and a video message from Riverside County Supervisor Karen Spiegel. The event site is one of many locations that will benefit from the recycled water once the project goes live in late 2026.

Recycled water is treated wastewater that is safe to use to irrigate landscaping and for various commercial and industrial uses. Strict federal and state regulations ensure its safety. A purple pipeline, which avoids potential cross-connection with drinking water pipes, will be installed with a pump station at the Western Riverside County Regional Wastewater Authority (WRCRWA) wastewater treatment plant in Eastvale and pipelines into Jurupa Valley.

For more information, visit www.JCSD.us/RecycledWater



EVERYTHING YOU NEED TO KNOW ABOUT PFAS

PFAS, or Per- and Polyfluoroalkyl substances, are a group of synthetic chemicals that have been used in consumer products since the 1950s and can be found in everyday items such as non-stick cookware, dental floss, household chemicals, and more.

PFAS can be found in raw water before being rigorously treated. While the long-term treatment options are being studied, JCSD treats your water to meet or exceed the U.S. EPA and State of California's regulations for PFAS.

THE SOURCES OF DRINKING WATER

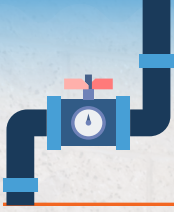
The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and in some cases, radioactive material, and can pick up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



To ensure tap water is safe to drink, the U.S. EPA and the State Water Resources Control Board (State Board) Division of Drinking Water prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. The 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. Page 7 of this report lists all of the drinking water contaminants that were detected during the most recent sampling. The presence of these contaminants in the water does not necessarily indicate that the water poses a health risk.

The State 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.





DELIVERING CLEAN WATER DIRECT TO YOUR TAP

JCSD's water meets or exceeds federal and state quality standards. Our treatment methods primarily include ion exchange and blending. Through ion exchange, undesirable elements are removed from the water, making it safe for consumption. Blending combines water from different sources, ensuring consistent quality throughout the year.

Additionally, JCSD manages a facility as part of the Chino Basin Desalter Authority (CDA), which employs a combination of reverse osmosis (RO), air stripping, and ion exchange to further produce high quality drinking water. The concentrate from the RO process is further treated at the Concentrate Reduction Facility, enhancing water recovery and efficiency.

The CDA processes groundwater from the lower Chino Basin, supplying refined drinking water to various member agencies. The primary source of water for our customers is from JCSD and CDA.



6 Water Storage

5 Disinfection

4 Blending

3 Ion Exchange

2 Reverse Osmosis
(*Chino II only)

1 Groundwater Sources



INFORMATION ABOUT YOUR DRINKING WATER



ADDITIONAL GENERAL INFORMATION ON 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 Safe Drinking Water Hotline (**1-800-426-4791**).

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, people 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 and U.S. Centers for Disease Control and Prevention (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**).

Nitrate (as N) 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 serious illness; symptoms include shortness of breath and blueness of the skin. Nitrate (as N) 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. Fluoride is a naturally occurring compound. JCSD does not add fluoride to its water supply. More information on fluoride in drinking water can be found on the State Water Board Division of Drinking Water Fluoridation website: waterboards.ca.gov/drinking_water/certlic/drinkingwater/Fluoridation or the U.S. EPA website: epa.gov/ccr/how-water-systems-comply-ccr-requirements.

If present, elevated levels of 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. Jurupa Community Services District is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you do so, you may wish to collect the flushed water and reuse it for another beneficial purpose, such as watering plants. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at www.epa.gov/lead.

Infants and young children are typically more vulnerable to lead in drinking water than the general population. It is possible that lead levels at your home may be higher than at other homes in the community as a result of materials used in your home's plumbing. If you are concerned about elevated lead levels in your home's water, you may wish to have your water tested and/or flush your tap for 30 seconds to 2 minutes before using tap water. Additional information is available from the U.S. EPA Safe Drinking Water Hotline (**1-800-426-4791**).



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.

DISTRIBUTION SYSTEM MONITORING

Microbiological	Highest Monthly Detections	No. of Months in Violation	MCL	PHG (MCLG)		
Total Coliform Bacteria	1.70%	0	5% of monthly samples are positive	0		
Fecal Coliform Bacteria (E. coli)	0	0		0		
Disinfection Byproducts	Reporting Unit	LRAA	Range	MCL	PHG (MCLG)	
Total Trihalomethanes (TTHMs)	µg/L	11.5	1.9-16.0	80	NA	
Haloacetic Acids (HAA5)	µg/L	0	ND	60	NA	
Primary DWS	Reporting Unit	Average	Range	MCL [MRDL]	PHG [MRDLG]	
Chlorine	mg/L	1.3	0.70-2.01	[4.0 as Cl ₂]	[4.0 as Cl ₂]	
Secondary DWS	Reporting Unit	Average	Range	MCL	PHG (MCLG)	
Color	Color Units	ND	ND	15	NA	
Turbidity	NTU	0.15	0.1-1.4	5	NA	
Specific Conductance (E.C.)	umho/cm	520	336-777	1600	NA	
Total Dissolved Solids (TDS)	mg/L	333	215-497	1000	NA	
Lead and Copper	Reporting Unit	No. of Samples (Collected in 2022)	90% Level Detected	No of Sites Exceeding (AL)	Action Level (AL)	PHG
Lead (Pb)	µg/L	52	ND	3	15	0.2
Copper (Cu)	mg/L	52	0.21	0	1.3	0.3

SERVICE AREA MONITORING

Primary DWS	Reporting Unit	Average	Range	MCL	PHG	
Arsenic	µg/L	0.24	ND-5.9	10	0.004	
Barium	mg/L	0.07	0.042-0.093	1	2	
Fluoride (F)	mg/L	0.02	ND-0.16	2	1	
Gross Alpha Particle Activity	pCi/L	0.13	ND-3.32	15	0	
Nitrate	mg/L	5.40	1.7-8.2	10	10	
Perchlorate	µg/L	0.73	ND-4.9	6	1	
Selenium	µg/L	3.72	ND-16	50	5	
Uranium (U)	pCi/L	0.04	ND-1.25	20	0.43	
1,2-Dibromo-3-chloropropane / DBCP	ng/L	0.27	ND-10	200	3	
Secondary DWS	Reporting Unit	Average	Range	MCL	PHG	
Chloride (Cl)	mg/L	70	13-84	500	NA	
Sulfate (SO ₄)	mg/L	11	5.4-28	500	NA	
Specific Conductance (E.C.)	umho/cm	472	350-550	1600	NA	
Total Dissolved Solids (TDS)	mg/L	299	180-370	1000	NA	
Unregulated DWS	Reporting Unit	Average	Range	NL	PHG	
Total Hardness (CaCO ₃)	mg/L	163.5	93-210	NA	NA	
Calcium (Ca)	mg/L	51.9	28-71	NA	NA	
Magnesium (Mg)	mg/L	8.0	5.2-12	NA	NA	
Sodium (Na)	mg/L	25.7	21-32	NA	NA	
Potassium (K)	mg/L	1.5	1.0-2.0	NA	NA	
Total Alkalinity (as CaCO ₃)	mg/L	115.4	58-170	NA	NA	
Silica	mg/L	16.5	7.5-26	NA	NA	
Hexavalent Cr	µg/L	1.5	ND-4.1	NA	0.02	
Vanadium	µg/L	2.6	ND-11	50	NA	
1,4 Dioxane	µg/L	0.13	ND-0.31	1	NA	

ABBREVIATIONS

- **mg/L** – milligrams per liter = parts per million (ppm) (1 ppm is equivalent to 1 second in 11.5 days)
- **NTU** – Nephelometric Turbidity Units
- **pCi/L** – pico Curies per liter (a measure of radiation)
- **NA** – Not Applicable
- **µg/L** – micrograms per liter = parts per billion (ppb)
- **ND** – Not Detectable at testing limit
- **ng/L** – nanograms per liter = parts per trillion (ppt)
- **S/cm** – microsiemens per centimeter, a unit of conductance (1 µS/cm = 1 µmho/cm)



For additional information regarding your water quality, please contact our Environmental Services Department at **(951) 685-7434 Ext. 104** or email **WQEnvironmentalServices@JCSd.us**.



TERMS USED IN THIS REPORT

- **Locational Running Annual Average (LRAA):** The average of sample analytical results for samples taken at a particular monitoring location during the previous four calendar quarters.
- **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):** The 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. EPA.
- **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.
- **Notification Level (NL):** The level is a non-regulatory, health-based advisory level established for contaminants in drinking water for which maximum contaminant level has not been established.
- **Primary Drinking Water Standard (PDWS):** MCLs and MRDLs for contaminants that affect health along with their monitoring and reporting requirements and water treatment requirements.
- **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.
- **Regulatory Action Level (AL):** The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.
- **Secondary Drinking Water Standards (SDWS):** MCLs for contaminants that affect taste, odor, or appearance of the drinking water. Contaminants with SDWS do not affect health at the MCL levels.
- **Treatment Technique (TT):** A required process intended to reduce the level of a contaminant in a drinking water.



JCSD IS CALIFORNIA'S WASTEWATER COLLECTION SYSTEM OF THE YEAR

Jurupa Community Services District has been named the Wastewater Collection System of the Year by the California Water Environment Association (CWEA). This honor follows the regional award in the Santa Ana River Basin (SARBS) region, further elevating JCSD's reputation as one of the premier public agencies in California. JCSD was recognized on the floor of the California Senate in April 2024, with Senator Richard J. Roth leading the commendation.

JCSD has not had a Sanitary Sewer Overflow (SSO) for more than six years, a testament to its commitment to reliability and safety. The award celebrates JCSD's innovative practices and their significant impact on conserving water resources in our community.



This accolade reflects the hard work and dedication of JCSD's Collections team, recognized statewide for their exceptional commitment to maintaining and operating its wastewater collection system, while also setting the standard for excellence in wastewater management.

Join us in congratulating the team behind JCSD's success. Thank you for your continued support as we commit to maintaining our high standards and serving the community with excellence.

GET MONEY BACK FOR REPLACING YOUR OLD APPLIANCES: WATER-SAVING REBATES & RESOURCES

JCSD's water conservation rebate program offers customers incentives to upgrade their older fixtures with water-efficient models. This allows you to save money on your water bill each month, while conserving water in the process.



JCSD REBATES

Customers can receive a rebate of up to \$200 for installing a drip-irrigation system, as well as a substantial discount on the Flume water monitoring system.



SoCal Water\$MART REBATES

SoCal Water\$mart also offers additional rebates to JCSD customers that include purchase and installation of high-efficiency washing machines, toilets, weather-based irrigation controllers, turf replacement, and more. To apply, visit www.SoCalWaterSmart.com

For more information on available rebates visit www.JCSD.us/Rebates

ENHANCE YOUR VIEW, While Protecting Our Precious Water Resources

ARE YOU INTERESTED IN TAKING YOUR OUTDOOR
LANDSCAPE TO THE NEXT LEVEL?

JCSD offers free quarterly landscape classes to our customers
on a first come-first serve basis.



LEARN TECHNIQUES

By taking part in these educational seminars, you'll gain valuable information from one of our instructors on how to better your outdoor landscapes, including specific techniques on design, gardening, and more.

Customers attending our quarterly landscape classes will be provided with snacks and be eligible for various prizes and giveaways.

REGISTER TODAY

Come join us today and become one step closer to your perfect outdoor oasis. Sign up by visiting www.JCSD.us/Conservation.



RELIABILITY AND DURABILITY: UPGRADING YOUR SERVICE LINES FOR THE FUTURE

JCSD remains proactive in modernizing and maintaining our infrastructure to keep rates affordable for our customers. To provide our customers with the highest quality water and service, JCSD is undergoing the Service Line Upgrade Project in Eastvale and Jurupa Valley, replacing the aging service lines outside of your home.

This project is expected to take place over the next eight to ten years and will involve replacing older service lines with more durable, coated copper piping. This will ensure reliable service for decades to come and minimize the risk of costly leak repairs.



Over the next decade, JCSD will be upgrading thousands of service lines in our District, and the project will be completed in three parts:

- 1** JCSD will notify you ahead of time when service is expected in your area. Our technicians will come to your neighborhood and shut the water off for about an hour while they replace the water lines in front of your home.
- 2** JCSD will repair the road with a quilted temporary patch and resume your water service.
- 3** A few weeks after your area is completed, the road will be permanently paved through coordination with each city's paving program.

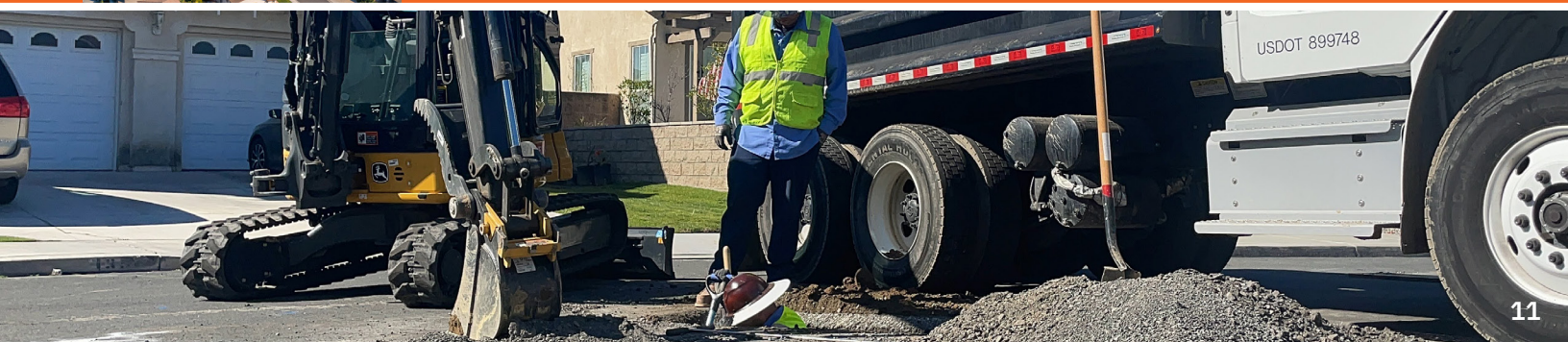


JCSD is also partnering with the City of Eastvale on its road repaving project, which will reduce overall costs to ratepayers and result in less disruption for our customers.

QUESTIONS ABOUT THE PROJECT?



If you have any additional questions please contact Anthony Marricco at AMarricco@JCSD.us.





COMMUNITY SERVICES DISTRICT

Proudly serving Jurupa Valley and Eastvale

11201 Harrel Street
Jurupa Valley, CA 91752

Information About Your Drinking Water

For more information about this report, please contact the Environmental Services Department at **(951) 685-7434, Ext. 104**, or visit www.JCSD.us/WaterQuality.

JCSD holds regular Board of Directors meetings on the second and fourth Monday of each month at 6 p.m. Information about the Board of Directors, meeting locations, and agendas can be found at www.JCSD.us/Board.

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