2024 Water Quality Report



Serrano Water District

DATA FOR 2023

Your 2024 Water Quality Report

Since 1990, California public water utilities have been providing an annual Water Quality Report to their customers. This year's report covers calendar year 2023 drinking water quality testing and reporting.

Serrano Water District vigilantly safeguards its water supply and, as in years past, the water delivered to your home meets the quality standards required by federal and state regulatory agencies. The U.S. Environmental Protection Agency (USEPA) and the State Water Resources Control Board, Division of Drinking Water (DDW) are the agencies responsible for establishing and enforcing drinking water quality standards.



In some cases, Serrano Water District goes beyond what is required by testing for unregulated chemicals that may have known health risks but do not have drinking water standards. For

Quality Water is Our Priority. You Can Depend on Us!

Turn the tap and the water flows, as if by magic. Or so it seems. The reality is considerably different, however. Delivering high-quality drinking water to our customers is a scientific and engineering feat that requires considerable effort and talent to ensure the water is always there, always safe to drink.



Because tap water is highly regulated by state and federal laws, water treatment and distribution operators must be licensed and

are required to complete on-the-job training and technical education before becoming a state certified operator.

Our licensed water professionals have an understanding of a wide range of subjects, including mathematics, biology, chemistry, physics, and engineering. Some of the tasks they complete on a regular basis include:

- Operating and maintaining equipment to purify and clarify water;
- Monitoring and inspecting machinery, meters, gauges, and operating conditions;
- Conducting tests and inspections on water and evaluating the results;
- Documenting and reporting test results and system operations to regulatory agencies; and
- Serving our community through customer support, education, and outreach.

So, the next time you turn on your faucet, think of the skilled professionals who stand behind every drop.

example, the Orange County Water District (OCWD), which manages the groundwater basin, tests for unregulated chemicals in our groundwater supply. Unregulated chemical



monitoring helps USEPA and DDW determine where certain chemicals occur and whether new standards need to be established for those chemicals.

Through drinking water quality testing programs carried out by OCWD for groundwater and Serrano Water District for the Walter E. Howiler Treatment Facility and distribution system, your drinking water is constantly monitored from source to tap for regulated and unregulated constituents.

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.

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This report contains important information about your drinking water. Translate it, or speak with someone who understands it.

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Este informe contiene información muy importante sobre su agua potable. Tradúzcalo o hable con alguien que lo entienda bien.

Constant Monitoring Ensures Continued Excellence

Sources of Supply

Your drinking water is a blend of local native surface water and imported Metropolitan Water District (MWD) water impounded within Santiago Reservoir. Additionally, groundwater is pumped from the local aquifer managed by OCWD that stretches from the



Prado Dam and fans across the north western portion of Orange County, excluding the communities of Brea and La Habra, and stretching as far south as El Toro.

Basic Information About Drinking Water Contaminants

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 land or through the layers of the ground it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animal and human activity.



Contaminants that may be present in source water include:

- Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations and wildlife.
- Inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm runoff, industrial or domestic wastewater discharges, oil and gas production, mining and farming.
- Radioactive contaminants, which can be naturally occurring or be the result of oil and gas production or mining activities.
- Pesticides and herbicides, which 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, which are by-products of industrial

Want to Learn More About Your Water District?

Should you like to learn more about your local water, water issues in general, and the support and services we offer, you'll find a wealth of information on the Serrano Water District website:

www.SerranoWater.org

or you may email us at info@serranowater.org

processes and petroleum production, and can also come from gasoline stations, urban stormwater runoff, agricultural application and septic systems.

In order to ensure that tap water is safe to drink, USEPA and the DDW 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 must provide the same protection for public health. 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 USEPA's Safe Drinking Water Hotline at (800) 426-4791, or online at www.epa.gov/safewater.

About Lead in Tap Water

If present, elevated levels of lead can cause serious health problems, especially for pregnant women, infants, and young children. 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.



Serrano Water 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 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, (800) 426-4791, or on the EPA website at: www.epa.gov/safewater/lead.

Disinfectants & Disinfection Byproducts

Disinfectants and Disinfection Byproducts Disinfection of drinking water was one of the major public health advances in the 20th century. Disinfection was a major factor in reducing waterborne disease epidemics caused by pathogenic bacteria and viruses, and it remains an essential part of drinking water treatment today.

Chlorine disinfection has almost completely eliminated from our lives the risks

of microbial waterborne diseases. Chlorine and Ammonia (which form chloramines) are added to your drinking water at the source of supply (groundwater well or surface water treatment plant). Enough chloramine is added so that it does not completely dissipate through the distribution system pipes. This chlorine/chloramine "residual" helps to prevent the growth of bacteria in the pipes that carry drinking water from the source into your home.

However, chlorine/chloramines can react with naturallyoccurring materials in the water to form unintended chemical byproducts, called disinfection byproducts (DBPs), which may pose health risks. A major challenge is how to balance the risks from microbial pathogens and DBPs. It is important to provide protection from these microbial pathogens while simultaneously ensuring decreasing health risks from disinfection byproducts. The Safe Drinking Water Act requires the USEPA to develop rules to achieve these goals.

Trihalomethanes (THMs) and Haloacetic Acids (HAAs) are the most common and most studied DBPs found in drinking



water treated with chlorine. In 1979, the USEPA set the maximum amount of total THMs allowed in drinking water at 100 parts per billion as an annual running average. Effective in January 2002, the Stage 1 Disinfectants / Disinfection Byproducts Rule lowered the total THM maximum annual average level to 80 parts per billion and added HAAs to the list of regulated chemicals in drinking water. Your drinking

water complies with the Stage 1 Disinfectants / Disinfection Byproducts Rule. Stage 2 of the regulation was finalized by USEPA in 2006, which further controls allowable levels of DBPs in drinking water without compromising disinfection itself. A required distribution system evaluation was completed in 2008 and a Stage 2 monitoring plan has been approved by DDW. Full Stage 2 compliance began in 2012.

In response to the Stage 2 compliance, SWD switched to primarily utilizing chloramines in 2013. With chlorine or

chloramines in the tap water, customers who maintain fish ponds, tanks or aquaria should also make necessary adjustments in water quality treatment, as these disinfectants are toxic to fish.



Immunocompromised People

Some people may be more vulnerable to contaminants in drinking water than the general population. Immunocompromised people, such as those with cancer who are undergoing chemotherapy, persons who have had organ transplants, people with HIV/AIDS or other immune system disorders, some elderly persons and infants can be particularly at risk to infection. These people



should seek advice about drinking water from their health care providers. The USEPA and the federal Centers for Disease Control guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from USEPA's Safe Drinking Water Hotline at (800) 426-4791, or on the web at www.epa.gov/safewater.

Need Additional Information?

There's a wealth of information on the internet about Drinking Water Quality and water issues in general, especially the drought and conservation. Some good sites – both local and national – to begin your own research are:

U.S. Environmental Protection Agency: www.epa.gov/safewater

California Department of Water Resources: www.water.ca.gov

Municipal Water District of Orange County: www.mwdoc.com

Drought and Water Conservation Tips: www.BeWaterWise.com www.SaveOurWater.com

2023 Serrano Water District Groundwater Quality							
Chemical	MCL	PHG (MCLG)	Average Amount	Range of Detections	MCL Violation?	Most Recent Sampling Date	Typical Source of Contaminant
Inorganic Chemicals							
Fluoride (ppm)	2	1	0.23	0.21 - 0.24	No	2022	Erosion of Natural Deposits
Nitrate (ppm as N)	10	10	1.33	1.12 – 1.5	No	2023	Fertilizers, Septic Tanks
Nitrate+Nitrite (ppm as N)	10	10	1.33	1.12 – 1.5	No	2023	Fertilizers, Septic Tanks
Secondary Standards*							
Chloride (ppm)	500*	n/a	110	102 - 118	No	2023	Erosion of Natural Deposits
Specific Conductance (µmho/cm)	1,600*	n/a	978	975 – 984	No	2022	Substances That Form Ions
Sulfate (ppm)	500*	n/a	139	138 — 140	No	2022	Erosion of Natural Deposits
Total Dissolved Solids (ppm)	1,000*	n/a	581	576 – 586	No	2022	Erosion of Natural Deposits
Turbidity (NTU)	5*	n/a	0.15	ND - 0.3	No	2023	Erosion of Natural Deposits
Unregulated Chemicals							
Alkalinity, total (ppm as CaCO ₃)	Not Regulated	n/a	208	201 – 215	n/a	2022	Erosion of Natural Deposits
Bicarbonate (ppm as HCO ₃)	Not Regulated	n/a	253	246 - 262	n/a	2022	Erosion of Natural Deposits
Boron (ppm)	NL = 1	n/a	0.17	0.16 - 0.17	n/a	2022	Erosion of Natural Deposits
Calcium (ppm)	Not Regulated	n/a	85.6	80.2 - 90	n/a	2022	Erosion of Natural Deposits
Hardness, total (ppm as CaCO ₃)	Not Regulated	n/a	316	310 - 321	n/a	2022	Erosion of Natural Deposits
Magnesium (ppm)	Not Regulated	n/a	27	26.7 – 27.3	n/a	2022	Erosion of Natural Deposits
Perfluoro butanoic acid (ppt)	Not Regulated	n/a	9.3	7.1 – 14	n/a	2023	Industrial Discharge
Perfluoro pentanoic acid (ppt)	Not Regulated	n/a	12	8.7 – 16	n/a	2023	Industrial Discharge
pH (units)	Not Regulated	n/a	7.8	7.8 – 7.9	n/a	2022	Acidity, hydrogen ions
Potassium (ppm)	Not Regulated	n/a	1.7	1.5 – 1.8	n/a	2022	Erosion of Natural Deposits
Sodium (ppm)	Not Regulated	n/a	75.4	73.3 – 77.4	n/a	2022	Erosion of Natural Deposits

ppb = parts-per-billion; ppm = parts-per-million; ppt = parts per trillion; pCi/L = picoCuries per liter; NTU = nephelometric turbidity units; ND = not detected; n/a = not applicable;

MCL = Maximum Contaminant Level; (MCLG) = federal MCL Goal; PHG = California Public Health Goal; µmho/cm = micromho per centimeter; NL = Notification Level

*Contaminant is regulated by a secondary standard to maintain aesthetic qualities (taste, odor, color).

Chart Legend

What are Water Quality Standards?

Drinking water standards established by USEPA and DDW set limits for substances that may affect consumer health or aesthetic qualities of drinking water. The charts in this report show the following types of water quality standards:

- 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.
- 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.
- Secondary MCLs are set to protect the odor, taste, and appearance of drinking water.
- Primary Drinking Water Standard: MCLs for contaminants that affect health along with their monitoring and reporting requirements and water treatment requirements.
- Regulatory Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.

What is a Water Quality Goal?

In addition to mandatory water quality standards, USEPA and DDW have set voluntary water quality goals for some contaminants. Water quality goals are often set at such low levels that they are not achievable in practice and are not directly measurable. Nevertheless, these goals provide useful guideposts and direction for water management practices. The charts in this report include three types of water quality goals:

- 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 USEPA.
- 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.
- 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.

How are Contaminants Measured?

Water is sampled and tested throughout the year. Contaminants are measured in:

- parts per million (ppm) or milligrams per liter (mg/L)
- parts per billion (ppb) or micrograms per liter (μg/L)
- parts per trillion (ppt) or nanograms per liter (ng/L)

2023 Santiago Reservoir Source for Serrano Water District Surface Water Treatment

(All Results are from Testing Prior to Filtration Treatment except for Aluminum, Bromate, Color, Manganese, Turbidity, and Filter Effluent Turbidity)

		PHG	Santiago Reservoir		MCL	Typical Source		
Chemical	MCL	(MCLG)	Average	Range	Violation?	of Contaminant		
Radiologicals – Tested in 2018 and 2022								
Combined Radium (pCi/L)	5	(0)	2.19	2.19	No	Erosion of Natural Deposits		
Uranium (pCi/L)	20	0.43	2.5	2.5	No	Erosion of Natural Deposits		
Inorganic Chemicals – Tested in 2023								
Aluminum (ppm) Source	1	0.6	0.101	ND - 0.17	No	Erosion of Natural Deposits		
Aluminum (ppm) Treated	1	0.6	0.144	ND - 0.19	No	Treatment Process Residue		
Fluoride (ppm)	2	1	0.21	0.14 - 0.28	No	Erosion of Natural Deposits		
Secondary Standards* – Tested in 2023								
Aluminum (ppb) Treated	200*	600	144	ND - 190	No	Treatment Process Residue		
Chloride (ppm)	500*	n/a	26	20 - 43	No	Erosion of Natural Deposits		
Color (color units)	15*	n/a	ND	ND	No	Erosion of Natural Deposits		
Iron (ppb)	300*	n/a	155	ND – 330	No	Erosion of Natural Deposits		
Manganese (ppb) Source	50*	n/a	136	25 - 880	No	Erosion of Natural Deposits		
Manganese (ppb) Treated	50*	n/a	1.3	ND – 23	No	Erosion of Natural Deposits		
Odor (threshold odor number)	3*	n/a	1	1 – 2	No	Erosion of Natural Deposits		
Specific Conductance (µmho/cm)	1,600*	n/a	611	660 - 800	No	Substances that Form lons in Water		
Sulfate (ppm)	500*	n/a	180	160 — 200	No	Erosion of Natural Deposits		
Total Dissolved Solids (ppm)	1,000*	n/a	420	460 — 520	No	Erosion of Natural Deposits		
Turbidity (NTU)	5*	n/a	0.18	ND - 0.37	No	Soil Runoff		
Unregulated Chemicals – Tested in 2023								
Bicarbonate (ppm)	Not Regulated	n/a	217	190 – 230	n/a	Erosion of Natural Deposits		
Boron (ppm)	NL = 1	n/a	121	ND – 180	n/a	Erosion of Natural Deposits		
Calcium (ppm)	Not Regulated	n/a	88	80 - 100	n/a	Erosion of Natural Deposits		
Magnesium (ppm)	Not Regulated	n/a	28	24 - 31	n/a	Erosion of Natural Deposits		
pH (pH units)	Not Regulated	n/a	7.9	7.7 – 8.1	n/a	Erosion of Natural Deposits		
Potassium (ppm)	Not Regulated	n/a	2.8	2.4 - 3.5	n/a	Erosion of Natural Deposits		
Sodium (ppm)	Not Regulated	n/a	41	34 — 55	n/a	Erosion of Natural Deposits		
Total Alkalinity (ppm as CaCO ₃)	Not Regulated	n/a	180	160 — 190	n/a	Erosion of Natural Deposits		
Total Hardness (ppm as CaCO ₃)	Not Regulated	n/a	335	300 - 380	n/a	Erosion of Natural Deposits		

ppb = parts-per-billion; ppm = parts-per-million; pCi/L = picoCuries per liter; ND = not detected; n/a = not applicable; NTU = nephelometric turbidity units; MCL = Maximum Contaminant Level; (MCLG) = federal MCL Goal; PHG = California Public Health Goal; µmho/cm = micromho per centimeter; NL = Notification Level

*Contaminant is regulated by a secondary standard to maintain aesthetic qualities (taste, odor, color).

Turbidity – combined filter effluent	Treatment Technique	Turbidity Measurements	TT Violation?	Typical Source of Contaminant
1) Highest single turbidity measurement (NTU)	0.3	0.23	No	Soil Runoff
2) Percentage of samples less than or equal to 0.3 NTU	95%	100%	No	Soil Runoff

Turbidity is a measure of the cloudiness of the water, an indication of particulate matter, some of which might include harmful microorganisms. Low turbidity in Serrano Water District's treated water is a good indicator of effective filtration. Filtration is called a "treatment technique" (TT).

A treatment technique is a required process intended to reduce the level of contaminants in drinking water that are difficult and sometimes impossible to measure directly.

NTU = nephelometric turbidity units

2023 Serrano Water District Distribution System Water Quality							
Disinfection Byproducts	MCL (MRDL/MRDLG)	Average Amount	Range of Detections	MCL Violation?	Typical Source of Contaminant		
Total Trihalomethanes (ppb)	80	30	15 - 37	No	Byproducts of Chlorine Disinfection		
Haloacetic Acids (ppb)	60	12	6.5 – 16	No	Byproducts of Chlorine Disinfection		
Chlorine Residual (ppm)	(4 / 4)	2	1.4 – 2.3	No	Disinfectant Added for Treatment		
Aesthetic Quality							
Odor (threshold odor number)	3*	1	1	No	Naturally Present in Groundwater		
Turbidity (NTU)	5*	0.15	ND - 0.39	No	Naturally Present in Groundwater		

Four locations in the distribution system are tested monthly for color, odor and turbidity.

Two sites are tested quarterly for disinfection byproducts - total trihalomethanes and haloacetic acids.

Color was not detected in 2023.

 $\mathbf{MRDL} = \mathsf{Maximum} \; \mathsf{Residual} \; \mathsf{Disinfectant} \; \mathsf{Level}; \\ \mathbf{MRDLG} = \mathsf{Maximum} \; \mathsf{Residual} \; \mathsf{Disinfectant} \; \mathsf{Level} \; \mathsf{Goal} \; \mathsf{MRDLG} = \mathsf{Maximum} \; \mathsf{Residual} \; \mathsf{Disinfectant} \; \mathsf{Level} \; \mathsf{Goal} \; \mathsf{MRDLG} = \mathsf{Maximum} \; \mathsf{Residual} \; \mathsf{Disinfectant} \; \mathsf{Level} \; \mathsf{Goal} \; \mathsf{MRDLG} = \mathsf{Maximum} \; \mathsf{Residual} \; \mathsf{Disinfectant} \; \mathsf{Level} \; \mathsf{Goal} \; \mathsf{MRDLG} = \mathsf{Maximum} \; \mathsf{Residual} \; \mathsf{Disinfectant} \; \mathsf{Level} \; \mathsf{Goal} \; \mathsf{MRDLG} = \mathsf{Maximum} \; \mathsf{Residual} \; \mathsf{Disinfectant} \; \mathsf{Level} \; \mathsf{Goal} \; \mathsf{MRDLG} = \mathsf{Maximum} \; \mathsf{Residual} \; \mathsf{Disinfectant} \; \mathsf{Level} \; \mathsf{Goal} \; \mathsf{MRDLG} = \mathsf{Maximum} \; \mathsf{Residual} \; \mathsf{Disinfectant} \; \mathsf{Level} \; \mathsf{Goal} \; \mathsf{MRDLG} = \mathsf{Maximum} \; \mathsf{Residual} \; \mathsf{Disinfectant} \; \mathsf{Level} \; \mathsf{Goal} \; \mathsf{MRDLG} = \mathsf{Maximum} \; \mathsf{Residual} \; \mathsf{Disinfectant} \; \mathsf{Level} \; \mathsf{Goal} \; \mathsf{MRDLG} = \mathsf{Maximum} \; \mathsf{Residual} \; \mathsf{Disinfectant} \; \mathsf{Level} \; \mathsf{Goal} \; \mathsf{MRDLG} = \mathsf{Maximum} \; \mathsf{Residual} \; \mathsf{Disinfectant} \; \mathsf{Level} \; \mathsf{Goal} \; \mathsf{MRDLG} = \mathsf{Maximum} \; \mathsf{Residual} \; \mathsf{Disinfectant} \; \mathsf{Level} \; \mathsf{Goal} \; \mathsf{MRDLG} = \mathsf{Maximum} \; \mathsf{Residual} \; \mathsf{Disinfectant} \; \mathsf{Level} \; \mathsf{Goal} \; \mathsf{MRDLG} = \mathsf{Maximum} \; \mathsf{Residual} \; \mathsf{Disinfectant} \; \mathsf{Residual} \; \mathsf{MRDLG} = \mathsf{Maximum} \; \mathsf{Residual} \; \mathsf{Disinfectant} \; \mathsf{MRDLG} = \mathsf{Maximum} \; \mathsf{Residual} \; \mathsf{Disinfectant} \; \mathsf{Level} \; \mathsf{Goal} \; \mathsf{MRDLG} = \mathsf{Maximum} \; \mathsf{Residual} \; \mathsf{Disinfectant} \; \mathsf{Residual} \; \mathsf{MRDLG} = \mathsf{Maximum} \; \mathsf{Residual} \; \mathsf{Disinfectant} \; \mathsf{Residual} \; \mathsf{MRDLG} = \mathsf{Maximum} \; \mathsf{Residual} \; \mathsf{Disinfectant} \; \mathsf{Residual} \; \mathsf{MRDLG} = \mathsf{Maximum} \; \mathsf{Residual} \; \mathsf{Residual} \; \mathsf{MRDLG} = \mathsf{Maximum} \; \mathsf{Residual} \;$

*Contaminant is regulated by a secondary standard to maintain aesthetic qualities (taste, odor, color).

Lead and Copper Action Levels at Residential Taps								
	Action Level (AL)	Public Health Goal	90 th Percentile Value	Sites Exceeding AL / Number of Sites	AL Violation?	Typical Source of Contaminant		
Copper (ppm)	1.3	0.3	0.32	0/22	No	Corrosion of Household Plumbing		
Lead (ppb)	15	0.2	ND	2/22	No	Corrosion of Household Plumbing		

Every three years, 22 residences are tested for lead and copper at-the-tap. The most recent set of samples was collected in 2023.

Lead was detected in 2 samples; both exceeded the regulatory action level; however, both locations were re-sampled, with the results showing lead was not detected in both re-samples.

Copper was detected in 9 samples; none exceeded the regulatory action level.

A regulatory action level is the concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.

Source Water Assessments

There are two assessments of drinking water sources for Serrano Water District — one groundwater assessment and a surface water assessment that includes Santiago Reservoir and Villa Park Dam.

The groundwater assessment was prepared by Boyle Engineering Corporation in August 2001. This included all of the Serrano Water District's wells and considered any vulnerable contaminants associated with the surrounding residential neighborhoods. The most vulnerable threat detected was a potential residential sewer system failure.

The Surface Source Water Assessment was completed in December 2019 by Karen E. Johnson, Water Resources Planning and Water Quality & Treatment Solutions, Inc. Santiago Reservoir (Irvine Lake) includes 63.1 square miles of watershed. Also included is 20.3 square miles of Villa Park Dam watershed. The consultants concluded the areas are most vulnerable to septic tank, landfill and dump activities.

Serrano Water District samples each water source on a regular basis and has the water samples analyzed by a California-certified analytical laboratory. The Serrano Water District reviews the laboratory results and evaluates the findings relative to the regulatory limits as presented in California Drinking Water Maximum Contaminant Levels (MCLs), Primary MCLs, Secondary MCLs, and unregulated Chemicals. These laboratory results are then



submitted to the SWRCB, Division of Drinking Water.

You may request a summary or a complete copy of the assessments (for the cost of reproduction) be sent to you by contacting:

State Water Resources Control Board, Division of Drinking Water

2 MacArthur Place, Suite 150 • Santa Ana, CA 92707 • (714) 558-4410

or

Serrano Water District

18021 Lincoln Street • Villa Park, CA 92861 (714) 538-0079 • www.serranowater.org

Your 2024 Water Quality Report The Knowledge You Need for Continued Consumer Confidence

Look inside to see how our water quality is equal to or better than what is required to safeguard public health.



STREET DISTRE

Serrano Water District 18021 Lincoln Street Villa Park, California 92861-6446



ADDRESS SERVICE REQUESTED



You Can Have Confidence in the Quality of Your Water

The Serrano Water District is pleased to distribute this report to its water customers. It provides important information about where your water comes from and the work we perform each day to assure the water delivered to your tap meets all Federal and State drinking water standards.

The tap water that comes out of your faucet has to meet rigorous Federal and State regulatory standards; otherwise, we wouldn't be able to deliver it to your home.

Our annual water quality report shares details about the water you receive. You can see for yourself that we are meeting and even exceeding standards required to maintain water quality.

Take a look inside for details on water sources, the constituents found in the water, and how



our water compares with Federal and State standards.

The Serrano Water District is committed to safeguarding its water supply and ensuring that your tap water is safe to drink. We also strive to keep you informed about the quality of your water supply.

We Invite You to Learn More About Your Water's Quality

For information about this report, or your water quality in general, please contact the District Office at (714) 538-0079, or via email at mike@serranowater.org.

The Serrano Water District Board of Directors meets at 8:30 am on the fourth Tuesday of each month at 18021 Lincoln Street, Villa Park, California. Please feel free to attend these meetings.

For more information about the health effects of the listed contaminants in the tables inside this report, call the USEPA hotline at (800) 426-4791