

2021 Consumer Confidence Report

Water System Name: VENTURA RIVER WATER DISTRICT

Report Date: March 2022

We test the drinking water quality for many constituents as required by state and federal regulations. This report shows the results of our monitoring for the period of January 1 - December 31, 2021.

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

Type of water source(s) in use: This Sources Well 01, Well 02, Well 03, Well 04, Well 06 and Well 7 are Groundwater. Please see the Drinking Water Source Assessment Information section located at the end of this report for more details.

Your water comes from 6 source(s): Well 01, Well 02, Well 03, Well 04, Well 06 and Well 07
and from 2 treated location(s): Baldwin Tank #2 - NO3 BLEND and Baldwin Yard Soft Water Sample

Opportunities for public participation in decisions that affect drinking water quality: Regularly-scheduled Water District Board meetings held on the third Wednesday of the month at 3:00 p.m. at 409 Old Baldwin Road.

For more information about this report, or any questions relating to your drinking water, please call 8056463403 and ask for Bert Rapp or email Bert@VenturaRiverWD.com.

TERMS USED IN THIS REPORT

Maximum Contaminant Level (MCL): The highest level of contaminant that is allowed in drinking water. Primary MCLs are set as close to the PHGs (or MCLGs) as is economically 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. Environmental Protection Agency (USEPA).

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.

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.

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

Secondary Drinking Water Standards (SDWS): MCLs for the contaminants that affect taste, odor, or appearance of the drinking water. Contaminants with SDWSs do not affect the health at the MCL levels.

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

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

Level 1 Assessment: A Level 1 assessment is a study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.

Level 2 Assessment: A Level 2 assessment is a very detailed study of the water system to identify potential problems and determine (if possible) why an E. coli MCL violation has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.

ND: not detectable at testing limit

mg/L: milligrams per liter or parts per million (ppm)

ug/L: micrograms per liter or parts per billion (ppb)

pCi/L: picocuries per liter (a measure of radiation)

NTU: Nephelometric Turbidity Units

umhos/cm: micro mhos per centimeter

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 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 by-products 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.

In order to ensure that tap water is safe to drink, the USEPA and the State Water Resource Control Board (State Water Board) prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. State Water Board regulations also establish limits for contaminants in bottled water that provide the same protection for public health.

Tables 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 and 12 list all of the drinking water contaminants that were detected during the most recent sampling for the constituent. The presence of these contaminants in the water does not necessarily indicate that the water poses a health risk. The State Water Board allows us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of the data, though representative of the water quality, are more than one year old.

Any violation of MCL, AL or MRDL is highlighted. Additional information regarding the violation is provided later in this report.

Table 1 - SAMPLING RESULTS FOR SODIUM AND HARDNESS						
Chemical or Constituent (and reporting units)	Sample Date	Average Level Detected	Range of Detections	MCL	PHG (MCLG)	Typical Sources of Contaminant
Sodium (mg/L)	(2014 - 2021)	50	38 - 68	none	none	Salt present in the water and is generally naturally occurring
Hardness (mg/L)	(2014 - 2021)	400	378 - 433	none	none	Sum of polyvalent cations present in the water, generally magnesium and calcium, and are usually naturally occurring

Table 2 - TREATED SAMPLING RESULTS FOR SODIUM AND HARDNESS						
Chemical or Constituent (and reporting units)	Sample Date	Average Level Detected	Range of Detections	MCL	PHG (MCLG)	Typical Sources of Contaminant
Sodium (mg/L)	(2021)	231	n/a	none	none	Salt present in the water and is generally naturally occurring
Hardness (mg/L)	(2021)	41.4	n/a	none	none	Sum of polyvalent cations present in the water, generally magnesium and calcium, and are usually naturally occurring

Table 3 - DETECTION OF CONTAMINANTS WITH A PRIMARY DRINKING WATER STANDARD						
Chemical or Constituent (and reporting units)	Sample Date	Average Level Detected	Range of Detections	MCL [MRDL]	PHG (MCLG) [MRDLG]	Typical Sources of Contaminant
Fluoride (mg/L)	(2014 - 2021)	0.4	ND - 0.5	2	1	Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories.

Nitrate as N (mg/L)	(2014 - 2021)	1.9	0.7 - 4.1	10	10	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Nitrate + Nitrite as N (mg/L)	(2014 - 2021)	1.8	0.8 - 4.1	10	10	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Gross Alpha (pCi/L)	(2013 - 2020)	1.515	ND - 2.51	15	(0)	Erosion of natural deposits.

Table 4 - TREATED DETECTION OF CONTAMINANTS WITH A PRIMARY DRINKING WATER STANDARD

Chemical or Constituent (and reporting units)	Sample Date	Average Level Detected	Range of Detections	MCL [MRDL]	PHG (MCLG) [MRDLG]	Typical Sources of Contaminant
Copper (mg/L)	(2021)	0.12	n/a	1.3	.3	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Fluoride (mg/L)	(2021)	0.4	n/a	2	1	Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories.
Nitrate as N (mg/L)	(2019 - 2021)	2.7	2.0 - 3.3	10	10	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Nitrate + Nitrite as N (mg/L)	(2021)	3.3	n/a	10	10	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits

Table 5 - DETECTION OF CONTAMINANTS WITH A SECONDARY DRINKING WATER STANDARD

Chemical or Constituent (and reporting units)	Sample Date	Average Level Detected	Range of Detections	MCL	PHG (MCLG)	Typical Sources of Contaminant
Chloride (mg/L)	(2014 - 2021)	52	28 - 129	500	n/a	Runoff/leaching from natural deposits; seawater influence
Color (Units)	(2014 - 2021)	1	ND - 5	15	n/a	Naturally-occurring organic materials
Iron (ug/L)	(2014 - 2021)	ND	ND - 100	300	n/a	Leaching from natural deposits; Industrial wastes
Specific Conductance (umhos/cm)	(2014 - 2021)	998	888 - 1120	1600	n/a	Substances that form ions when in water; seawater influence
Sulfate (mg/L)	(2014 - 2021)	224	113 - 279	500	n/a	Runoff/leaching from natural deposits; industrial wastes
Total Dissolved Solids (mg/L)	(2014 - 2021)	670	590 - 720	1000	n/a	Runoff/leaching from natural deposits
Turbidity (NTU)	(2014 - 2021)	0.3	ND - 1.0	5	n/a	Soil runoff

Table 6 - TREATED DETECTION OF CONTAMINANTS WITH A SECONDARY DRINKING WATER STANDARD

Chemical or Constituent (and reporting units)	Sample Date	Average Level Detected	Range of Detections	MCL	PHG (MCLG)	Typical Sources of Contaminant
Chloride (mg/L)	(2021)	53	n/a	500	n/a	Runoff/leaching from natural deposits; seawater influence
Copper (mg/L)	(2021)	0.12	n/a	1.0	1.0	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Iron (ug/L)	(2021)	ND	n/a	300	n/a	Leaching from natural deposits; Industrial wastes
Specific Conductance (umhos/cm)	(2021)	1190	n/a	1600	n/a	Substances that form ions when in water; seawater influence

Sulfate (mg/L)	(2021)	241	n/a	500	n/a	Runoff/leaching from natural deposits; industrial wastes
Total Dissolved Solids (mg/L)	(2021)	750	n/a	1000	n/a	Runoff/leaching from natural deposits
Zinc (mg/L)	(2021)	0.06	n/a	5	n/a	Runoff/leaching from natural deposits

Table 7 - DETECTION OF UNREGULATED CONTAMINANTS

Chemical or Constituent (and reporting units)	Sample Date	Average Level Detected	Range of Detections	Notification Level	Typical Sources of Contaminant
Boron (mg/L)	(2014 - 2021)	0.6	0.1 - 0.8	1	Boron exposures resulted in decreased fetal weight (developmental effects) in newborn rats.

Table 8 - TREATED DETECTION OF UNREGULATED CONTAMINANTS

Chemical or Constituent (and reporting units)	Sample Date	Average Level Detected	Range of Detections	Notification Level	Typical Sources of Contaminant
Boron (mg/L)	(2021)	0.6	n/a	1	Boron exposures resulted in decreased fetal weight (developmental effects) in newborn rats.

Table 9 - ADDITIONAL DETECTIONS

Chemical or Constituent (and reporting units)	Sample Date	Average Level Detected	Range of Detections	Notification Level	Typical Sources of Contaminant
Calcium (mg/L)	(2014 - 2021)	112	107 - 119	n/a	n/a
Magnesium (mg/L)	(2014 - 2021)	29	27 - 33	n/a	n/a
pH (units)	(2014 - 2021)	7.7	7.5 - 8.1	n/a	n/a
Alkalinity (mg/L)	(2014 - 2021)	207	180 - 260	n/a	n/a
Aggressiveness Index	(2014 - 2021)	12.4	12.2 - 12.8	n/a	n/a
Langelier Index	(2014 - 2021)	0.6	0.4 - 0.9	n/a	n/a

Table 10 - TREATED ADDITIONAL DETECTIONS

Chemical or Constituent (and reporting units)	Sample Date	Average Level Detected	Range of Detections	Notification Level	Typical Sources of Contaminant
Calcium (mg/L)	(2021)	10	n/a	n/a	n/a
Magnesium (mg/L)	(2021)	4	n/a	n/a	n/a
pH (units)	(2021)	8.79	n/a	n/a	n/a
Alkalinity (mg/L)	(2021)	240	n/a	n/a	n/a
Aggressiveness Index	(2021)	12.6	n/a	n/a	n/a
Langelier Index	(2021)	0.7	n/a	n/a	n/a

Table 11 - DETECTION OF DISINFECTANT/DISINFECTANT BYPRODUCT RULE

Chemical or Constituent (and reporting units)	Sample Date	Average Level Detected	Range of Detections	MCL (MRDL)	PHG (MCLG)	Violation	Typical Sources of Contaminant
Total Trihalomethanes (TTHMs) (ug/L)	(2021)	45	4 - 61	80	n/a	No	By-product of drinking water disinfection
Chlorine (mg/L)	(2021)	3.25	1.0 - 3.5	4.0	4.0	No	Drinking water disinfectant added for treatment.
Haloacetic Acids (five) (ug/L)	(2021)	40.75	ND - 61	60	n/a	No	By-product of drinking water disinfection

Any violation of MCL, AL or MRDL is highlighted. Additional information regarding the violation is provided later in this report.

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 the 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 (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. USEPA/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).

Lead Specific Language for Community Water Systems: 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 the service lines and home plumbing. *Ventura River 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 or at <http://www.epa.gov/lead>.

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Drinking Water Assessment Information

Assessment Information

VRWD has six active groundwater wells as its groundwater sources. The active wells are Wells 1, 2, 3, 4, 6 and 7. There are no sewer lines or sewage disposal facilities located within 50 feet of well sites. The six well sites are fenced for security. The wells are located about 700 feet from an active stream (when water is flowing). VRWD conducted the drinking water source assessment of its active wells in May of 2020.

Discussion of Vulnerability

There have been no contaminants detected in the water supply, however the wells are still considered vulnerable to activities located near the drinking water source.

Wells # 1, 2, 3, 4 & 7 are drinking water sources for the VENTURA RIVER WATER DISTRICT water system, they are located in the Upper Ventura River Groundwater Basin located in the Ojai Valley near Hwy 150 and the Ventura River. The Ventura River watershed covers 226 square miles and is the source for the Upper Ventura River Groundwater Basin. General land use is agricultural, urban, residential and National Forest.

The sources of contamination of Wells # 1, 2, 3, 4 & 7 that are of heightened concern are from onsite water treatment systems to the east of the wells, a sanitary sewer located 53-feet to 100-feet west of the wells and surface water in the Ventura River low flow channel located 1,000-feet west of the wells. Well # 1, 2, 3, 4 & 7 have been constructed with 50-foot deep sanitary seals and the first perforations vary from 72-feet to below the ground surface in Well #3 to 105-feet in Well #7. These design features will help protect against these three vulnerabilities.

Well #6: The most likely source of contamination of Well #6 is from onsite water treatment systems and an ephemeral drainage ditch located 180-feet north of the well. Well #6 has been constructed with a 120-foot deep sanitary seal and the first perforations are located 200-feet below the ground surface. These design features will help protect against these two vulnerabilities.

Acquiring Information

A copy of the complete assessment may be viewed at:

SWRCB Division of Drinking Water District Office

1180 Eugenia Place

Suite 200

Carpinteria, CA 930135

You may request a summary of the assessment be sent to you by contacting:

Jeff Densmore

District Engineer

(805) 566-1326

jeff.densmore@cdph.ca.gov

A copy of the reports can also be downloaded at:

<http://venturariverwd.com/reports>

Ventura River Water District

Analytical Results By FGL - 2021

SAMPLING RESULTS FOR SODIUM AND HARDNESS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Sodium		mg/L		none	none			50	38 - 68
Well 01 (1989)	SP 2101829-1	mg/L				2021-02-09	55		
Well 02	SP 1405147-1	mg/L				2014-05-06	45		
Well 03	SP 1702589-1	mg/L				2017-02-28	38		
Well 04 (2007)	SP 2004090-1	mg/L				2020-03-24	51		
Well 06	SP 2117885-1	mg/L				2021-12-15	68		
Well 07 (New)	SP 2004227-1	mg/L				2020-03-27	43		
Hardness		mg/L		none	none			400	378 - 433
Well 01 (1989)	SP 2101829-1	mg/L				2021-02-09	413		
Well 02	SP 1405147-1	mg/L				2014-05-06	409		
Well 03	SP 1702589-1	mg/L				2017-02-28	378		
Well 04 (2007)	SP 2004090-1	mg/L				2020-03-24	433		
Well 06	SP 2117885-1	mg/L				2021-12-15	385		
Well 07 (New)	SP 2004227-1	mg/L				2020-03-27	382		

TREATED SAMPLING RESULTS FOR SODIUM AND HARDNESS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Sodium		mg/L		none	none			231	231 - 231
Baldwin Yard Soft Water Sample	SP 2115960-2	mg/L				2021-11-09	231		
Hardness		mg/L		none	none			41.4	41.4 - 41.4
Baldwin Yard Soft Water Sample	SP 2115960-2	mg/L				2021-11-09	41.4		

PRIMARY DRINKING WATER STANDARDS (PDWS)									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Fluoride		mg/L		2	1			0.4	ND - 0.5
Well 01 (1989)	SP 2101829-1	mg/L				2021-02-09	0.5		
Well 02	SP 1405147-1	mg/L				2014-05-06	ND		
Well 03	SP 1702589-1	mg/L				2017-02-28	0.4		
Well 04 (2007)	SP 2004090-1	mg/L				2020-03-24	0.5		
Well 06	SP 2117885-1	mg/L				2021-12-15	0.3		
Well 07 (New)	SP 2004227-1	mg/L				2020-03-27	0.5		
Nitrate as N		mg/L		10	10			1.9	0.7 - 4.1
Well 01 (1989)	SP 2117357-1	mg/L				2021-12-07	4.1		
Well 01 (1989)	SP 2115596-1	mg/L				2021-11-02	3.7		
Well 01 (1989)	SP 2114763-1	mg/L				2021-10-19	2.3		
Well 01 (1989)	SP 2112810-1	mg/L				2021-09-14	3.2		
Well 01 (1989)	SP 2110464-1	mg/L				2021-08-03	2.7		
Well 01 (1989)	SP 2108936-1	mg/L				2021-07-06	2.1		
Well 01 (1989)	SP 2107205-1	mg/L				2021-06-01	1.6		
Well 01 (1989)	SP 2106239-1	mg/L				2021-05-11	1.2		
Well 01 (1989)	SP 2104514-1	mg/L				2021-04-06	1.1		
Well 01 (1989)	SP 2102894-1	mg/L				2021-03-02	0.8		
Well 01 (1989)	SP 2102220-1	mg/L				2021-02-16	0.7		
Well 01 (1989)	SP 2101831-1	mg/L				2021-02-09	0.8		
Well 01 (1989)	SP 2101829-1	mg/L				2021-02-09	0.8		
Well 01 (1989)	SP 2100104-1	mg/L				2021-01-05	1.4		
Well 02	SP 1406653-1	mg/L				2014-06-10	2.60		
Well 02	SP 1405147-1	mg/L				2014-05-06	1.15		
Well 03	SP 1904031-1	mg/L				2019-03-26	2.4		
Well 04 (2007)	SP 2102893-1	mg/L				2021-03-02	0.8		
Well 06	SP 2117885-1	mg/L				2021-12-15	4.1		

Well 06	SP 2117355-1	mg/L				2021-12-07	4.1		
Well 07 (New)	SP 2117357-2	mg/L				2021-12-07	3.1		
Well 07 (New)	SP 2115596-2	mg/L				2021-11-02	2.7		
Well 07 (New)	SP 2114763-2	mg/L				2021-10-19	3.4		
Well 07 (New)	SP 2112810-2	mg/L				2021-09-14	2.2		
Well 07 (New)	SP 2110464-2	mg/L				2021-08-03	1.9		
Well 07 (New)	SP 2108936-2	mg/L				2021-07-06	1.5		
Well 07 (New)	SP 2107205-2	mg/L				2021-06-01	1.1		
Well 07 (New)	SP 2106239-2	mg/L				2021-05-11	1		
Well 07 (New)	SP 2104514-2	mg/L				2021-04-06	1		
Well 07 (New)	SP 2102894-2	mg/L				2021-03-02	0.9		
Well 07 (New)	SP 2102891-1	mg/L				2021-03-02	0.9		
Well 07 (New)	SP 2102220-2	mg/L				2021-02-16	0.9		
Well 07 (New)	SP 2100104-2	mg/L				2021-01-05	1.4		
Nitrate + Nitrite as N		mg/L		10	10			1.8	0.8 - 4.1
Well 01 (1989)	SP 2101829-1	mg/L				2021-02-09	0.8		
Well 02	SP 1405147-1	mg/L				2014-05-06	1.2		
Well 03	SP 1702589-1	mg/L				2017-02-28	2.3		
Well 04 (2007)	SP 2004090-1	mg/L				2020-03-24	1.1		
Well 06	SP 2117885-1	mg/L				2021-12-15	4.1		
Well 07 (New)	SP 2004227-1	mg/L				2020-03-27	1.2		
Gross Alpha		pCi/L		15	(0)			1.515	ND - 2.51
Well 01 (1989)	SP 1305549-1	pCi/L				2013-06-04	1.62		
Well 01 (1989)	SP 1302830-1	pCi/L				2013-03-19	1.29		
Well 03	SP 1305552-1	pCi/L				2013-06-04	2.51		
Well 03	SP 1302833-1	pCi/L				2013-03-19	1.27		
Well 04 (2007)	SP 1902985-1	pCi/L				2019-03-05	1.89		
Well 06	SP 2017325-1	pCi/L				2020-12-15	1.33		
Well 06	SP 2012588-1	pCi/L				2020-09-15	2.24		
Well 06	SP 2007587-1	pCi/L				2020-06-09	1.03		
Well 06	SP 2003739-1	pCi/L				2020-03-17	1.97		
Well 07 (New)	SP 2004227-1	pCi/L				2020-03-27	ND		

TREATED PRIMARY DRINKING WATER STANDARDS (PDWS)

		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Copper		mg/L		1.3	.3			0.12	0.12 - 0.12
Baldwin Yard Soft Water Sample	SP 2115960-2	mg/L				2021-11-09	0.12		
Fluoride		mg/L		2	1			0.4	0.4 - 0.4
Baldwin Yard Soft Water Sample	SP 2115960-2	mg/L				2021-11-09	0.4		
Nitrate as N		mg/L		10	10			2.7	2.0 - 3.3
Baldwin Tank #2 - NO3 BLEND	SP 1900306-4	mg/L				2019-01-08	2.0		
Baldwin Yard Soft Water Sample	SP 2115960-2	mg/L				2021-11-09	3.3		
Nitrate + Nitrite as N		mg/L		10	10			3.3	3.3 - 3.3
Baldwin Yard Soft Water Sample	SP 2115960-2	mg/L				2021-11-09	3.3		

SECONDARY DRINKING WATER STANDARDS (SDWS)

		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Chloride		mg/L		500	n/a			52	28 - 129
Well 01 (1989)	SP 2101829-1	mg/L				2021-02-09	40		
Well 02	SP 1405147-1	mg/L				2014-05-06	41		
Well 03	SP 1702589-1	mg/L				2017-02-28	28		
Well 04 (2007)	SP 2004090-1	mg/L				2020-03-24	35		
Well 06	SP 2117885-1	mg/L				2021-12-15	129		
Well 07 (New)	SP 2004227-1	mg/L				2020-03-27	37		
Color		Units		15	n/a			1	ND - 5
Well 01 (1989)	SP 2101829-1	Units				2021-02-09	ND		
Well 02	SP 1405147-1	Units				2014-05-06	ND		
Well 03	SP 1702589-1	Units				2017-02-28	ND		

Well 04 (2007)	SP 2004090-1	Units				2020-03-24	ND		
Well 06	SP 2117885-1	Units				2021-12-15	ND		
Well 07 (New)	SP 2004227-1	Units				2020-03-27	5		
Iron		ug/L		300	n/a			ND	ND - 100
Well 01 (1989)	SP 2101829-1	ug/L				2021-02-09	ND		
Well 02	SP 1405147-1	ug/L				2014-05-06	100		
Well 03	SP 1702589-1	ug/L				2017-02-28	ND		
Well 04 (2007)	SP 2004090-1	ug/L				2020-03-24	ND		
Well 06	SP 2117885-1	ug/L				2021-12-15	ND		
Well 07 (New)	SP 2004227-1	ug/L				2020-03-27	ND		
Specific Conductance		umhos/cm		1600	n/a			998	888 - 1120
Well 01 (1989)	SP 2101829-1	umhos/cm				2021-02-09	987		
Well 02	SP 1405147-1	umhos/cm				2014-05-06	914		
Well 03	SP 1702589-1	umhos/cm				2017-02-28	888		
Well 04 (2007)	SP 2004090-1	umhos/cm				2020-03-24	1040		
Well 06	SP 2117885-1	umhos/cm				2021-12-15	1120		
Well 07 (New)	SP 2004227-1	umhos/cm				2020-03-27	1040		
Sulfate		mg/L		500	n/a			224	113 - 279
Well 01 (1989)	SP 2101829-1	mg/L				2021-02-09	262		
Well 02	SP 1405147-1	mg/L				2014-05-06	241		
Well 03	SP 1702589-1	mg/L				2017-02-28	177		
Well 04 (2007)	SP 2004090-1	mg/L				2020-03-24	272		
Well 06	SP 2117885-1	mg/L				2021-12-15	113		
Well 07 (New)	SP 2004227-1	mg/L				2020-03-27	279		
Total Dissolved Solids		mg/L		1000	n/a			670	590 - 720
Well 01 (1989)	SP 2101829-1	mg/L				2021-02-09	700		
Well 02	SP 1405147-1	mg/L				2014-05-06	630		
Well 03	SP 1702589-1	mg/L				2017-02-28	590		
Well 04 (2007)	SP 2004090-1	mg/L				2020-03-24	720		
Well 06	SP 2117885-1	mg/L				2021-12-15	660		
Well 07 (New)	SP 2004227-1	mg/L				2020-03-27	720		
Turbidity		NTU		5	n/a			0.3	ND - 1.0
Well 01 (1989)	SP 2101829-1	NTU				2021-02-09	0.2		
Well 02	SP 1405147-1	NTU				2014-05-06	ND		
Well 03	SP 1702589-1	NTU				2017-02-28	0.5		
Well 04 (2007)	SP 2004090-1	NTU				2020-03-24	1.0		
Well 06	SP 2117885-1	NTU				2021-12-15	ND		
Well 07 (New)	SP 2004227-1	NTU				2020-03-27	0.2		

TREATED SECONDARY DRINKING WATER STANDARDS (SDWS)

		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Chloride		mg/L		500	n/a			53	53 - 53
Baldwin Yard Soft Water Sample	SP 2115960-2	mg/L				2021-11-09	53		
Copper		mg/L		1.0	1.0			0.12	0.12 - 0.12
Baldwin Yard Soft Water Sample	SP 2115960-2	mg/L				2021-11-09	0.12		
Iron		ug/L		300	n/a			ND	ND - ND
Baldwin Yard Soft Water Sample	SP 2115960-2	ug/L				2021-11-09	ND		
Specific Conductance		umhos/cm		1600	n/a			1190	1190 - 1190
Baldwin Yard Soft Water Sample	SP 2115960-2	umhos/cm				2021-11-09	1190		
Sulfate		mg/L		500	n/a			241	241 - 241
Baldwin Yard Soft Water Sample	SP 2115960-2	mg/L				2021-11-09	241		
Total Dissolved Solids		mg/L		1000	n/a			750	750 - 750
Baldwin Yard Soft Water Sample	SP 2115960-2	mg/L				2021-11-09	750		
Zinc		mg/L		5	n/a			0.06	0.06 - 0.06
Baldwin Yard Soft Water Sample	SP 2115960-2	mg/L				2021-11-09	0.06		

UNREGULATED CONTAMINANTS

		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
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Boron		mg/L		NS	n/a			0.6	0.1 - 0.8
Well 01 (1989)	SP 2101829-1	mg/L				2021-02-09	0.8		
Well 02	SP 1405147-1	mg/L				2014-05-06	0.6		
Well 03	SP 1702589-1	mg/L				2017-02-28	0.5		
Well 04 (2007)	SP 2004090-1	mg/L				2020-03-24	0.8		
Well 06	SP 2117885-1	mg/L				2021-12-15	0.1		
Well 07 (New)	SP 2004227-1	mg/L				2020-03-27	0.7		

TREATED UNREGULATED CONTAMINANTS

		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Boron		mg/L		NS	n/a			0.6	0.6 - 0.6
Baldwin Yard Soft Water Sample	SP 2115960-2	mg/L				2021-11-09	0.6		

ADDITIONAL DETECTIONS

		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Calcium		mg/L			n/a			112	107 - 119
Well 01 (1989)	SP 2101829-1	mg/L				2021-02-09	116		
Well 02	SP 1405147-1	mg/L				2014-05-06	116		
Well 03	SP 1702589-1	mg/L				2017-02-28	107		
Well 04 (2007)	SP 2004090-1	mg/L				2020-03-24	119		
Well 06	SP 2117885-1	mg/L				2021-12-15	108		
Well 07 (New)	SP 2004227-1	mg/L				2020-03-27	107		
Magnesium		mg/L			n/a			29	27 - 33
Well 01 (1989)	SP 2101829-1	mg/L				2021-02-09	30		
Well 02	SP 1405147-1	mg/L				2014-05-06	29		
Well 03	SP 1702589-1	mg/L				2017-02-28	27		
Well 04 (2007)	SP 2004090-1	mg/L				2020-03-24	33		
Well 06	SP 2117885-1	mg/L				2021-12-15	28		
Well 07 (New)	SP 2004227-1	mg/L				2020-03-27	28		
pH		units			n/a			7.7	7.5 - 8.1
Well 01 (1989)	SP 2101829-1	units				2021-02-09	7.5		
Well 02	SP 1405147-1	units				2014-05-06	7.7		
Well 03	SP 1702589-1	units				2017-02-28	7.8		
Well 04 (2007)	SP 2004090-1	units				2020-03-24	7.5		
Well 06	SP 2117885-1	units				2021-12-15	8.1		
Well 07 (New)	SP 2004227-1	units				2020-03-27	7.5		
Alkalinity		mg/L			n/a			207	180 - 260
Well 01 (1989)	SP 2101829-1	mg/L				2021-02-09	200		
Well 02	SP 1405147-1	mg/L				2014-05-06	180		
Well 03	SP 1702589-1	mg/L				2017-02-28	260		
Well 04 (2007)	SP 2004090-1	mg/L				2020-03-24	210		
Well 06	SP 2117885-1	mg/L				2021-12-15	180		
Well 07 (New)	SP 2004227-1	mg/L				2020-03-27	210		
Aggressiveness Index					n/a			12.4	12.2 - 12.8
Well 01 (1989)	SP 2101829-1					2021-02-09	12.3		
Well 02	SP 1405147-1					2014-05-06	12.4		
Well 03	SP 1702589-1					2017-02-28	12.6		
Well 04 (2007)	SP 2004090-1					2020-03-24	12.3		
Well 06	SP 2117885-1					2021-12-15	12.8		
Well 07 (New)	SP 2004227-1					2020-03-27	12.2		
Langelier Index					n/a			0.6	0.4 - 0.9
Well 01 (1989)	SP 2101829-1					2021-02-09	0.4		
Well 02	SP 1405147-1					2014-05-06	0.5		
Well 03	SP 1702589-1					2017-02-28	0.8		
Well 04 (2007)	SP 2004090-1					2020-03-24	0.4		
Well 06	SP 2117885-1					2021-12-15	0.9		
Well 07 (New)	SP 2004227-1					2020-03-27	0.4		

TREATED ADDITIONAL DETECTIONS

		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Calcium		mg/L			n/a			10	10 - 10
Baldwin Yard Soft Water Sample	SP 2115960-2	mg/L				2021-11-09	10		
Magnesium		mg/L			n/a			4	4 - 4
Baldwin Yard Soft Water Sample	SP 2115960-2	mg/L				2021-11-09	4		
pH		units			n/a			8.79	8.79 - 8.79
Baldwin Yard Soft Water Sample	SP 2115960-2	units				2021-11-09	8.79		
Alkalinity		mg/L			n/a			240	240 - 240
Baldwin Yard Soft Water Sample	SP 2115960-2	mg/L				2021-11-09	240		
Aggressiveness Index					n/a			12.6	12.6 - 12.6
Baldwin Yard Soft Water Sample	SP 2115960-2					2021-11-09	12.6		
Langelier Index					n/a			0.7	0.7 - 0.7
Baldwin Yard Soft Water Sample	SP 2115960-2					2021-11-09	0.7		

DETECTION OF DISINFECTANT/DISINFECTANT BYPRODUCT RULE

		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Total Trihalomethanes (TTHMs)		ug/L		80	n/a			45	4 - 61
175 Rio Via - Stage 2 DBP	SP 2118225-1	ug/L				2021-12-21	53		
175 Rio Via - Stage 2 DBP	SP 2112350-1	ug/L				2021-09-07	34		
175 Rio Via - Stage 2 DBP	SP 2107537-1	ug/L				2021-06-08	33		
175 Rio Via - Stage 2 DBP	SP 2103309-1	ug/L				2021-03-09	61		
Average 175 Rio Via - Stage 2 DBP								45.25	
202 Valle Rio - Stage 2 DBP	SP 2118225-2	ug/L				2021-12-21	5		
202 Valle Rio - Stage 2 DBP	SP 2112350-2	ug/L				2021-09-07	4		
202 Valle Rio - Stage 2 DBP	SP 2107537-2	ug/L				2021-06-08	5		
202 Valle Rio - Stage 2 DBP	SP 2103309-2	ug/L				2021-03-09	6		
Average 202 Valle Rio - Stage 2 DBP								5	
Chlorine		mg/L		4.0	4.0			3.25	1.0 - 3.5
175 Rio Via	SP 2116779-2	mg/L				2021-11-23	3.5		
175 Rio Via	SP 2114762-2	mg/L				2021-10-19	2.8		
175 Rio Via	SP 2112809-2	mg/L				2021-09-14	3.0		
175 Rio Via	SP 2110137-2	mg/L				2021-07-27	2.5		
175 Rio Via	SP 2107998-2	mg/L				2021-06-15	2.5		
175 Rio Via	SP 2106238-2	mg/L				2021-05-11	3.0		
175 Rio Via	SP 2104876-1	mg/L				2021-04-13	3.0		
175 Rio Via	SP 2103611-1	mg/L				2021-03-16	3.5		
175 Rio Via	SP 2101043-1	mg/L				2021-01-26	3.0		
Average 175 Rio Via								2.98	
248 Rockaway Rd	SP 2112896-1	mg/L				2021-09-15	1.0		
Average 248 Rockaway Rd								1	
9148 Nye Rd. - Book 14	SP 2117883-2	mg/L				2021-12-15	2.5		
9148 Nye Rd. - Book 14	SP 2115595-2	mg/L				2021-11-02	3.0		
9148 Nye Rd. - Book 14	SP 2113607-2	mg/L				2021-09-28	3.0		
9148 Nye Rd. - Book 14	SP 2110908-2	mg/L				2021-08-10	3.5		
9148 Nye Rd. - Book 14	SP 2108938-2	mg/L				2021-07-06	3.0		
9148 Nye Rd. - Book 14	SP 2106939-2	mg/L				2021-05-25	3.5		
9148 Nye Rd. - Book 14	SP 2105254-2	mg/L				2021-04-20	3.5		
9148 Nye Rd. - Book 14	SP 2103613-1	mg/L				2021-03-16	3.5		
9148 Nye Rd. - Book 14	SP 2101830-1	mg/L				2021-02-09	3.5		
9148 Nye Rd. - Book 14	SP 2100105-1	mg/L				2021-01-05	3.5		
Average 9148 Nye Rd. - Book 14								3.25	
Haloacetic Acids (five)		ug/L		60	n/a			40.75	ND - 61
175 Rio Via - Stage 2 DBP	SP 2118225-1	ug/L				2021-12-21	61		
175 Rio Via - Stage 2 DBP	SP 2112350-1	ug/L				2021-09-07	27		
175 Rio Via - Stage 2 DBP	SP 2107537-1	ug/L				2021-06-08	26		
175 Rio Via - Stage 2 DBP	SP 2103309-1	ug/L				2021-03-09	49		

Ventura River Water District

CCR Login Linkage - 2021

FGL Code	Lab ID	Date Sampled	Method	Description	Property
1019 Capello Wa	SP 2114765-1	2021-10-18	Coliform	1019 Capello Way	Water Monitoring
1092MORENO	SP 2100453-1	2021-01-12	Coliform	1092 Moreno Dr	Week 2 System Monitoring
	SP 2102216-1	2021-02-16	Coliform	1092 Moreno Dr	Week 3 System Monitoring
	SP 2103994-1	2021-03-23	Coliform	1092 Moreno Dr	Week 4 System Monitoring
	SP 2105566-2	2021-04-27	Coliform	1092 Moreno Dr	Week 4 System Monitoring
	SP 2107204-2	2021-06-01	Coliform	1092 Moreno Dr	Week 1 System Monitoring
	SP 2109378-2	2021-07-13	Coliform	1092 Moreno Dr	Week 2 System Monitoring
	SP 2111771-1	2021-08-24	Coliform	1092 Moreno Dr	Week 3 System Monitoring
	SP 2113994-2	2021-10-05	Coliform	1092 Moreno Dr	Week 1 System Monitoring
	SP 2115958-2	2021-11-09	Coliform	1092 Moreno Dr	Week 2 System Monitoring
	SP 2118224-2	2021-12-21	Coliform	1092 Moreno Dr	Week 2 System Monitoring
11078 Rodeo Dr.	SP 1907248-17	2019-06-04	Metals, Total	11078 Rodeo Dr.	Lead & Copper Monitoring
11551 Oakcrest	SP 1907335-5	2019-06-04	Metals, Total	11551 Oakcrest Ave.	Lead & Copper Monitoring
1157Capello Way	SP 2115337-1	2021-10-27	Coliform	1157Capello Way at Hydrant	Capello Way Hydrant Replacement
119 Rockway Rd	SP 2112966-1	2021-09-16	Coliform	119 Rockway Rd	119 Rockway Rd
1211 Avila Dr.	SP 1907248-25	2019-06-04	Metals, Total	1211 Avila Dr.	Lead & Copper Monitoring
172 Burnham Rd.	SP 1907248-20	2019-06-04	Metals, Total	172 Burnham Rd.	Lead & Copper Monitoring
SS - Wk4	SP 2101043-1	2021-01-26	Coliform	175 Rio Via	Week 4 System Monitoring
	SP 2101043-1	2021-01-26	Field Test	175 Rio Via	Week 4 System Monitoring
	SP 2103611-1	2021-03-16	Coliform	175 Rio Via	Week 1 System Monitoring
	SP 2103611-1	2021-03-16	Field Test	175 Rio Via	Week 1 System Monitoring
	SP 2104876-1	2021-04-13	Coliform	175 Rio Via	Week 2 System Monitoring
	SP 2104876-1	2021-04-13	Field Test	175 Rio Via	Week 2 System Monitoring
	SP 2106238-2	2021-05-11	Coliform	175 Rio Via	Week 2 System Monitoring
	SP 2106238-2	2021-05-11	Field Test	175 Rio Via	Week 2 System Monitoring
	SP 2107998-2	2021-06-15	Coliform	175 Rio Via	Week 3 System Monitoring
	SP 2107998-2	2021-06-15	Field Test	175 Rio Via	Week 3 System Monitoring
	SP 2110137-2	2021-07-27	Coliform	175 Rio Via	Week 4 System Monitoring
	SP 2110137-2	2021-07-27	Field Test	175 Rio Via	Week 4 System Monitoring
	SP 2112809-2	2021-09-14	Field Test	175 Rio Via	Week 2 System Monitoring
	SP 2112809-2	2021-09-14	Coliform	175 Rio Via	Week 2 System Monitoring
	SP 2114762-2	2021-10-19	Coliform	175 Rio Via	Week 3 System Monitoring
	SP 2114762-2	2021-10-19	Field Test	175 Rio Via	Week 3 System Monitoring
175 Rio Via	SP 2116779-2	2021-11-23	Field Test	175 Rio Via	Week 4 System Monitoring
	SP 2116779-2	2021-11-23	Coliform	175 Rio Via	Week 4 System Monitoring
DBP 175RioVia	SP 2002313-1	2020-02-18	Coliform	175 RIO VIA - STAGE 2 DBP	Week 3 System Monitoring
	SP 2005853-1	2020-05-05	Coliform	175 RIO VIA - STAGE 2 DBP	Week 1 System Monitoring
	SP 2007588-1	2020-06-09	Coliform	175 RIO VIA - STAGE 2 DBP	Week 2 System Monitoring
	SP 2008828-1	2020-07-07	Coliform	175 RIO VIA - STAGE 2 DBP	Week 3 System Monitoring
	SP 2013709-1	2020-10-06	Coliform	175 RIO VIA - STAGE 2 DBP	Week #1
	SP 2015558-1	2020-11-10	Coliform	175 RIO VIA - STAGE 2 DBP	Week 2 System Monitoring
	SP 2103309-1	2021-03-09	EPA 551.1	175 Rio Via - Stage 2 DBP	Stage 2 DBP Site Monitoring
	SP 2103309-1	2021-03-09	EPA 552.2	175 Rio Via - Stage 2 DBP	Stage 2 DBP Site Monitoring
	SP 2107537-1	2021-06-08	EPA 552.2	175 Rio Via - Stage 2 DBP	Stage 2 DBP Site Monitoring
	SP 2107537-1	2021-06-08	EPA 551.1	175 Rio Via - Stage 2 DBP	Stage 2 DBP Site Monitoring
	SP 2112350-1	2021-09-07	EPA 551.1	175 Rio Via - Stage 2 DBP	Stage 2 DBP Site Monitoring
	SP 2112350-1	2021-09-07	EPA 552.2	175 Rio Via - Stage 2 DBP	Stage 2 DBP Site Monitoring
	SP 2118225-1	2021-12-21	EPA 552.2	175 Rio Via - Stage 2 DBP	Stage 2 DBP Site Monitoring
	SP 2118225-1	2021-12-21	EPA 551.1	175 Rio Via - Stage 2 DBP	Stage 2 DBP Site Monitoring
1918 Country PL	SP 1907335-2	2019-06-05	Metals, Total	1918 Country PL	Lead & Copper Monitoring
195 Monte Via	SP 2115464-1	2021-10-29	Coliform	195 Monte Via	Monte Via Hydrant
1991 Country Pl	SP 1907248-8	2019-06-04	Metals, Total	1991 Country Pl.	Lead & Copper Monitoring
DBP 202ValleRio	SP 2100453-2	2021-01-12	Coliform	202 VALLE RIO - STAGE 2 DBP	Week 2 System Monitoring
	SP 2103309-2	2021-03-09	EPA 552.2	202 Valle Rio - Stage 2 DBP	Stage 2 DBP Site Monitoring
	SP 2103309-2	2021-03-09	EPA 551.1	202 Valle Rio - Stage 2 DBP	Stage 2 DBP Site Monitoring

	SP 2107537-2	2021-06-08	EPA 551.1	202 Valle Rio - Stage 2 DBP	Stage 2 DBP Site Monitoring
	SP 2107537-2	2021-06-08	EPA 552.2	202 Valle Rio - Stage 2 DBP	Stage 2 DBP Site Monitoring
	SP 2109783-1	2021-07-20	Coliform	202 VALLE RIO - STAGE 2 DBP	Week 3 System Monitoring
	SP 2112349-1	2021-09-07	Coliform	202 VALLE RIO - STAGE 2 DBP	Week 1 System Monitoring
	SP 2112350-2	2021-09-07	EPA 551.1	202 Valle Rio - Stage 2 DBP	Stage 2 DBP Site Monitoring
	SP 2112350-2	2021-09-07	EPA 552.2	202 Valle Rio - Stage 2 DBP	Stage 2 DBP Site Monitoring
	SP 2118225-2	2021-12-21	EPA 551.1	202 Valle Rio - Stage 2 DBP	Stage 2 DBP Site Monitoring
	SP 2118225-2	2021-12-21	EPA 552.2	202 Valle Rio - Stage 2 DBP	Stage 2 DBP Site Monitoring
202 Valle Rio A	SP 2111315-1	2021-08-17	Coliform	202 Valle Rio Ave.	Week 4 System Monitoring
SS - 10A	SP 2102216-2	2021-02-16	Coliform	202 Valle Rio Ave. - Book 10A	Week 3 System Monitoring
	SP 2103994-2	2021-03-23	Coliform	202 Valle Rio Ave. - Book 10A	Week 4 System Monitoring
	SP 2105879-1	2021-05-04	Coliform	202 Valle Rio Ave. - Book 10A	Week 1 System Monitoring
	SP 2107536-1	2021-06-08	Coliform	202 Valle Rio Ave. - Book 10A	Week 2 System Monitoring
	SP 2114396-2	2021-10-12	Coliform	202 Valle Rio Ave. - Book 10A	Week 2 System Monitoring
	SP 2116385-1	2021-11-16	Coliform	202 Valle Rio Ave. - Book 10A	Week 3 System Monitoring
	SP 2118520-1	2021-12-28	Coliform	202 Valle Rio Ave. - Book 10A	Week 4 System Monitoring
2096 Sumac Dr	SP 2111315-2	2021-08-17	Coliform	2096 Sumac Dr	Week 4 System Monitoring
SS - 9B	SP 2100726-1	2021-01-19	Coliform	2096 Sumac Dr. - Book 9B	Week 3 System Monitoring
	SP 2102583-1	2021-02-23	Coliform	2096 Sumac Dr. - Book 9B	Week 4 System Monitoring
	SP 2104515-1	2021-04-06	Coliform	2096 Sumac Dr. - Book 9B	Week 1 System Monitoring
	SP 2105879-2	2021-05-04	Coliform	2096 Sumac Dr. - Book 9B	Week 1 System Monitoring
	SP 2107536-2	2021-06-08	Coliform	2096 Sumac Dr. - Book 9B	Week 2 System Monitoring
	SP 2109783-2	2021-07-20	Coliform	2096 Sumac Dr. - Book 9B	Week 3 System Monitoring
	SP 2112349-2	2021-09-07	Coliform	2096 Sumac Dr. - Book 9B	Week 1 System Monitoring
	SP 2114396-1	2021-10-12	Coliform	2096 Sumac Dr. - Book 9B	Week 2 System Monitoring
	SP 2116385-2	2021-11-16	Coliform	2096 Sumac Dr. - Book 9B	Week 3 System Monitoring
	SP 2118520-2	2021-12-28	Coliform	2096 Sumac Dr. - Book 9B	Week 4 System Monitoring
2131 Burnham Rd	SP 1907335-4	2019-06-05	Metals, Total	2131 Burnham Rd.	Lead & Copper Monitoring
2187 Woodland A	SP 1907248-1	2019-06-04	Metals, Total	2187 Woodland Ave.	Lead & Copper Monitoring
2235 Los Encino	SP 1907248-11	2019-06-04	Metals, Total	2235 Los Encinos Rd.	Lead & Copper Monitoring
2256 Los Encino	SP 1907248-10	2019-06-04	Metals, Total	2256 Los Encinos Rd.	Lead & Copper Monitoring
248 Rockaway Rd	SP 2112896-1	2021-09-15	Coliform	248 Rockaway Rd	248 Rockaway Rd
	SP 2112896-1	2021-09-15	Field Test	248 Rockaway Rd	248 Rockaway Rd
SS - 9A	SP 2101043-2	2021-01-26	Coliform	265 E. Villanova Rd. Book 9A	Week 4 System Monitoring
	SP 2103611-2	2021-03-16	Coliform	265 E. Villanova Rd. Book 9A	Week 1 System Monitoring
	SP 2104876-2	2021-04-13	Coliform	265 E. Villanova Rd. Book 9A	Week 2 System Monitoring
	SP 2106623-1	2021-05-18	Coliform	265 E. Villanova Rd. Book 9A	Week 3 System Monitoring
	SP 2108335-1	2021-06-22	Coliform	265 E. Villanova Rd. Book 9A	Week 4 System Monitoring
	SP 2110463-1	2021-08-03	Coliform	265 E. Villanova Rd. Book 9A	Week 1 System Monitoring
	SP 2113262-1	2021-09-21	Coliform	265 E. Villanova Rd. Book 9A	Week 3 System Monitoring
	SP 2115249-1	2021-10-26	Coliform	265 E. Villanova Rd. Book 9A	Week 4 System Monitoring
	SP 2117356-1	2021-12-07	Coliform	265 E. Villanova Rd. Book 9A	Week 1 System Monitoring
SS - 8	SP 2100105-2	2021-01-05	Coliform	290 Alto Dr. - Book 8	Week 1 System Monitoring
	SP 2101830-2	2021-02-09	Coliform	290 Alto Dr. - Book 8	Week 2 System Monitoring
	SP 2103613-2	2021-03-16	Coliform	290 Alto Dr. - Book 8	Week 3 System Monitoring
	SP 2105566-1	2021-04-27	Coliform	290 Alto Dr. - Book 8	Week 4 System Monitoring
	SP 2107204-1	2021-06-01	Coliform	290 Alto Dr. - Book 8	Week 1 System Monitoring
	SP 2109378-1	2021-07-13	Coliform	290 Alto Dr. - Book 8	Week 2 System Monitoring
	SP 2111771-2	2021-08-24	Coliform	290 Alto Dr. - Book 8	Week 3 System Monitoring
	SP 2113994-1	2021-10-05	Coliform	290 Alto Dr. - Book 8	Week 1 System Monitoring
	SP 2115958-1	2021-11-09	Coliform	290 Alto Dr. - Book 8	Weekly System Monitoring
	SP 2118224-1	2021-12-21	Coliform	290 Alto Dr. - Book 8	Week 2 System Monitoring
309 Carillo Rd	SP 2115119-1	2021-10-22	Coliform	309 Carillo Rd At Hydrant	Carillo Main Work
365 Burnham Rd.	SP 1907248-9	2019-06-04	Metals, Total	365 Burnham Rd.	Lead & Copper Monitoring
400 Burnham Rd.	SP 1907335-1	2019-06-05	Metals, Total	400 Burnham Rd.	Lead & Copper Monitoring
45 Almond Ave.	SP 1907335-3	2019-06-05	Metals, Total	45 Almond Ave.	Lead & Copper Monitoring
451 Villanova R	SP 2114397-1	2021-10-12	Coliform	451 Villanova Rd	Ground Water Monitoring
478 Burnham Rd.	SP 1907248-22	2019-06-04	Metals, Total	478 Burnham Rd.	Lead & Copper Monitoring
56 Grapevine Rd	SP 1907248-14	2019-06-04	Metals, Total	56 Grapevine Rd.	Lead & Copper Monitoring
573 E. Katherin	SP 1907248-15	2019-06-04	Metals, Total	573 E. Katherine Ave.	Lead & Copper Monitoring

595 Riverside R	SP 2116779-1	2021-11-23	Coliform	595 Riverside RD	Week 4 System Monitoring
SS - 7	SP 2100726-2	2021-01-19	Coliform	595 Riverside Rd. - Book 7	Week 3 System Monitoring
	SP 2102583-2	2021-02-23	Coliform	595 Riverside Rd. - Book 7	Week 4 System Monitoring
	SP 2104515-2	2021-04-06	Coliform	595 Riverside Rd. - Book 7	Week 1 System Monitoring
	SP 2106238-1	2021-05-11	Coliform	595 Riverside Rd. - Book 7	Week 2 System Monitoring
	SP 2107998-1	2021-06-15	Coliform	595 Riverside Rd. - Book 7	Week 3 System Monitoring
	SP 2110137-1	2021-07-27	Coliform	595 Riverside Rd. - Book 7	Week 4 System Monitoring
	SP 2112809-1	2021-09-14	Coliform	595 Riverside Rd. - Book 7	Week 2 System Monitoring
	SP 2113046-1	2021-09-17	Coliform	595 Riverside Rd. - Book 7	Weekly System Monitoring
	SP 2113263-1	2021-09-21	Coliform	595 Riverside Rd. - Book 7	Weekly System Monitoring
	SP 2114762-1	2021-10-19	Coliform	595 Riverside Rd. - Book 7	Week 3 System Monitoring
617 Country Dr.	SP 1907248-3	2019-06-04	Metals, Total	617 Country Dr.	Lead & Copper Monitoring
67 Calle El Pra	SP 2113773-1	2021-09-30	Coliform	67 Calle El Prado	Ground Water Monitoring
710 Heather St.	SP 1907248-4	2019-06-04	Metals, Total	710 Heather St.	Lead & Copper Monitoring
SS - 5A	SP 2101431-2	2021-02-02	Coliform	72 W. Catalina Dr.	Week 1 System Monitoring
	SP 2103305-2	2021-03-09	Coliform	72 W. Catalina Dr.	Week 2 System Monitoring
	SP 2105254-1	2021-04-20	Coliform	72 W. Catalina Dr.	Week 3 System Monitoring
	SP 2106939-1	2021-05-25	Coliform	72 W. Catalina Dr.	Week 4 System Monitoring
	SP 2108938-1	2021-07-06	Coliform	72 W. Catalina Dr.	Week 1 System Monitoring
	SP 2110908-1	2021-08-10	Coliform	72 W. Catalina Dr.	Week 2 System Monitoring
	SP 2113607-1	2021-09-28	Coliform	72 W. Catalina Dr.	Week 4 System Monitoring
	SP 2115595-1	2021-11-02	Coliform	72 W. Catalina Dr.	Week 1 System Monitoring
	SP 2117883-1	2021-12-15	Coliform	72 W. Catalina Dr.	Week 2 System Monitoring
80 Pathelen Ave	SP 1907248-16	2019-06-04	Metals, Total	80 Pathelen Ave.	Lead & Copper Monitoring
85 Almond AVE	SP 2101431-1	2021-02-02	Coliform	85 Almond Ave.	Week 1 System Monitoring
	SP 2103305-1	2021-03-09	Coliform	85 Almond Ave.	Week 2 System Monitoring
	SP 2106623-2	2021-05-18	Coliform	85 Almond Ave.	Week 3 System Monitoring
	SP 2108335-2	2021-06-22	Coliform	85 Almond Ave.	Week 4 System Monitoring
	SP 2110463-2	2021-08-03	Coliform	85 Almond Ave.	Week 1 System Monitoring
	SP 2113262-2	2021-09-21	Coliform	85 Almond Ave.	Week 3 System Monitoring
	SP 2115249-2	2021-10-26	Coliform	85 Almond Ave.	Week 4 System Monitoring
	SP 2117356-2	2021-12-07	Coliform	85 Almond Ave.	Week 1 System Monitoring
SS - 6B	SP 2007935-1	2020-06-16	Coliform	85 Almond Ave. - Book 6B	Week 3 System Monitoring
SS - 14	SP 2100105-1	2021-01-05	Coliform	9148 Nye Rd. - Book 14	Week 1 System Monitoring
	SP 2100105-1	2021-01-05	Field Test	9148 Nye Rd. - Book 14	Week 1 System Monitoring
	SP 2101830-1	2021-02-09	Coliform	9148 Nye Rd. - Book 14	Week 2 System Monitoring
	SP 2101830-1	2021-02-09	Field Test	9148 Nye Rd. - Book 14	Week 2 System Monitoring
	SP 2103613-1	2021-03-16	Coliform	9148 Nye Rd. - Book 14	Week 3 System Monitoring
	SP 2103613-1	2021-03-16	Field Test	9148 Nye Rd. - Book 14	Week 3 System Monitoring
	SP 2105254-2	2021-04-20	Field Test	9148 Nye Rd. - Book 14	Week 3 System Monitoring
	SP 2105254-2	2021-04-20	Coliform	9148 Nye Rd. - Book 14	Week 3 System Monitoring
	SP 2106939-2	2021-05-25	Coliform	9148 Nye Rd. - Book 14	Week 4 System Monitoring
	SP 2106939-2	2021-05-25	Field Test	9148 Nye Rd. - Book 14	Week 4 System Monitoring
	SP 2108938-2	2021-07-06	Field Test	9148 Nye Rd. - Book 14	Week 1 System Monitoring
	SP 2108938-2	2021-07-06	Coliform	9148 Nye Rd. - Book 14	Week 1 System Monitoring
	SP 2110908-2	2021-08-10	Coliform	9148 Nye Rd. - Book 14	Week 2 System Monitoring
	SP 2110908-2	2021-08-10	Field Test	9148 Nye Rd. - Book 14	Week 2 System Monitoring
	SP 2113607-2	2021-09-28	Field Test	9148 Nye Rd. - Book 14	Week 4 System Monitoring
	SP 2113607-2	2021-09-28	Coliform	9148 Nye Rd. - Book 14	Week 4 System Monitoring
	SP 2115595-2	2021-11-02	Coliform	9148 Nye Rd. - Book 14	Week 1 System Monitoring
	SP 2115595-2	2021-11-02	Field Test	9148 Nye Rd. - Book 14	Week 1 System Monitoring
	SP 2117883-2	2021-12-15	Coliform	9148 Nye Rd. - Book 14	Week 2 System Monitoring
	SP 2117883-2	2021-12-15	Field Test	9148 Nye Rd. - Book 14	Week 2 System Monitoring
98 Wormwood St.	SP 1907248-7	2019-06-04	Metals, Total	98 Wormwood St.	Lead & Copper Monitoring
Bald Tnk 2	SP 1900306-4	2019-01-08	Wet Chemistry	Baldwin Tank #2 - NO3 BLEND	Nitrate Monitoring
Baldwin Yard So	SP 2115960-2	2021-11-09	General Mineral	Baldwin Yard Soft Water Sample	Soft Water Sample
Well #6 (Re-Sam	SP 2109787-1	2021-07-20	Coliform	Well #6 (Re-Sample)	Bert
Well 01	SP 1302830-1	2013-03-19	Radio Chemistry	Well 01 (1989)	Well 01 - Water Quality
	SP 1305549-1	2013-06-04	Radio Chemistry	Well 01 (1989)	Well 01 - Water Quality
	SP 2100104-1	2021-01-05	Wet Chemistry	Well 01 (1989)	Nitrate Monitoring

	SP 2101829-1	2021-02-09	Wet Chemistry	Well 01 (1989)	Well 01 - Water Quality
	SP 2101831-1	2021-02-09	Wet Chemistry	Well 01 (1989)	Well 01 - Water Quality
	SP 2101829-1	2021-02-09	General Mineral	Well 01 (1989)	Well 01 - Water Quality
	SP 2102220-1	2021-02-16	Wet Chemistry	Well 01 (1989)	Nitrate Monitoring
	SP 2102894-1	2021-03-02	Wet Chemistry	Well 01 (1989)	Nitrate Monitoring
	SP 2104514-1	2021-04-06	Wet Chemistry	Well 01 (1989)	Nitrate Monitoring
	SP 2106239-1	2021-05-11	Wet Chemistry	Well 01 (1989)	Nitrate Monitoring
	SP 2107205-1	2021-06-01	Wet Chemistry	Well 01 (1989)	Nitrate Monitoring
	SP 2108936-1	2021-07-06	Wet Chemistry	Well 01 (1989)	Nitrate Monitoring
	SP 2110464-1	2021-08-03	Wet Chemistry	Well 01 (1989)	Nitrate Monitoring
	SP 2112810-1	2021-09-14	Wet Chemistry	Well 01 (1989)	Nitrate Monitoring
	SP 2114763-1	2021-10-19	Wet Chemistry	Well 01 (1989)	Nitrate Monitoring
	SP 2115596-1	2021-11-02	Wet Chemistry	Well 01 (1989)	Nitrate Monitoring
	SP 2117357-1	2021-12-07	Wet Chemistry	Well 01 (1989)	Nitrate Monitoring
Well 02	SP 1405147-1	2014-05-06	Wet Chemistry	Well 02	Well 02 - Water Quality
	SP 1405147-1	2014-05-06	General Mineral	Well 02	Well 02 - Water Quality
	SP 1406653-1	2014-06-10	Wet Chemistry	Well 02	Well 02 - Water Quality
Well 03	SP 1302833-1	2013-03-19	Radio Chemistry	Well 03	Well 03 - Radio Monitoring
	SP 1305552-1	2013-06-04	Radio Chemistry	Well 03	Well 03 - Radio Monitoring
	SP 1702589-1	2017-02-28	Wet Chemistry	Well 03	Well 03 - Water Quality
	SP 1702589-1	2017-02-28	General Mineral	Well 03	Well 03 - Water Quality
	SP 1904031-1	2019-03-26	Wet Chemistry	Well 03	Well 03 - Water Quality
Well 04	SP 1902985-1	2019-03-05	Radio Chemistry	Well 04 (2007)	Well 04 - Radio Monitoring
	SP 2004090-1	2020-03-24	General Mineral	Well 04 (2007)	Well 04 - Water Quality
	SP 2004090-1	2020-03-24	Wet Chemistry	Well 04 (2007)	Well 04 - Water Quality
	SP 2102893-1	2021-03-02	Wet Chemistry	Well 04 (2007)	Well 04 - Water Quality
Well 6	SP 2003739-1	2020-03-17	Radio Chemistry	Well 06	Well 06 - Water Quality
	SP 2007587-1	2020-06-09	Radio Chemistry	Well 06	Well 06 - Water Quality
	SP 2012588-1	2020-09-15	Radio Chemistry	Well 06	Well 06 - Water Quality
	SP 2017325-1	2020-12-15	Radio Chemistry	Well 06	Well 06 - Water Quality
	SP 2117355-1	2021-12-07	Wet Chemistry	Well 06	VENTURA RIVER WATER DISTRICT
	SP 2117885-1	2021-12-15	General Mineral	Well 06	New Well 6 - Title 22
	SP 2117885-1	2021-12-15	Wet Chemistry	Well 06	New Well 6 - Title 22
Well 07 New	SP 2004227-1	2020-03-27	Radio Chemistry	Well 07 (New)	Well 7 - Water Quality
	SP 2004227-1	2020-03-27	Wet Chemistry	Well 07 (New)	Well 7 - Water Quality
	SP 2004227-1	2020-03-27	General Mineral	Well 07 (New)	Well 7 - Water Quality
	SP 2100104-2	2021-01-05	Wet Chemistry	Well 07 (New)	Nitrate Monitoring
	SP 2102220-2	2021-02-16	Wet Chemistry	Well 07 (New)	Nitrate Monitoring
	SP 2102891-1	2021-03-02	Wet Chemistry	Well 07 (New)	Well 7 - Water Quality
	SP 2102894-2	2021-03-02	Wet Chemistry	Well 07 (New)	Nitrate Monitoring
	SP 2104514-2	2021-04-06	Wet Chemistry	Well 07 (New)	Nitrate Monitoring
	SP 2106239-2	2021-05-11	Wet Chemistry	Well 07 (New)	Nitrate Monitoring
	SP 2107205-2	2021-06-01	Wet Chemistry	Well 07 (New)	Nitrate Monitoring
	SP 2108936-2	2021-07-06	Wet Chemistry	Well 07 (New)	Nitrate Monitoring
	SP 2110464-2	2021-08-03	Wet Chemistry	Well 07 (New)	Nitrate Monitoring
	SP 2112810-2	2021-09-14	Wet Chemistry	Well 07 (New)	Nitrate Monitoring
	SP 2114763-2	2021-10-19	Wet Chemistry	Well 07 (New)	Nitrate Monitoring
	SP 2115596-2	2021-11-02	Wet Chemistry	Well 07 (New)	Nitrate Monitoring
	SP 2117357-2	2021-12-07	Wet Chemistry	Well 07 (New)	Nitrate Monitoring



Casitas Municipal Water District, PWS CA5610024 Water Quality Summary, 2021 Data



WATER CLARITY	MCL or [MRDL]	PHG, (MCLG)	LAKE CASITAS TREATED WATER				SAMPLE SOURCE & YEAR TESTED		SOURCE OF CONSTITUENT
			FILTER EFFLUENT		RANGE		Filter Effluent		
Direct Filtration	Treatment Technique (TT)	NA	Highest Value = 0.03		0.01 - 0.03		2021		Soil run-off
Filter Effluent Turbidity ^a (NTU)	TT < 1 NTU	NA	100% of turbidity measurements were < 0.2 NTU				2021		
	95 % < 0.2 NTU	NA	100% = lowest monthly % of samples meeting turbidity limits				2021		
MICROBIOLOGICAL	MCL	(MCLG)	DISTRIBUTION SYSTEM				Distribution System		Naturally present in the environment
Total Coliform Bacteria ^b	1 Positive Monthly Sample ^b	(0)	HIGHEST POSITIVE SAMPLES		NUMBER OF MONTHS IN VIOLATION		2021		
			0 / Month		0				
Fecal Coliform & E. Coli	0	(0)	0 / Year		0		2021		Human and Animal Fecal Waste
INORGANIC CHEMICALS	MCL	PHG	Lake Casitas Treated Water		Mira Monte Well Treated		Lake Casitas Treated	Mira Monte Well	
			AVERAGE	RANGE	AVERAGE	RANGE			
Arsenic (ppb)	10	0.004	< 2	ND - 2	< 2 ^f	ND - 2	2021	2019 ^d	Erosion of natural deposits; runoff from orchards
Barium (ppm)	1	2	0.11	0.11 - 0.11	0.11 ^f	0.10 - 0.11	2021	2019 ^d	Discharges of oil drilling wastes and from metal refineries; erosion of natural deposits
Fluoride (ppm)	2.0	1	0.4	0.3 - 0.4	0.4 ^f	0.3 - 0.5	2021	2019 ^d	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
Nitrate as N (ppm)	10	10	ND	ND - ND	0.6 ^c	0.4 - 0.8 ^c	2021	2021	Runoff and leaching from fertilizer use; leaching from tanks and sewerage; erosion from natural products
DISINFECTANT RESIDUALS AND DISINFECTION BY-PRODUCTS	Running Annual Average (RAA) MCL or [MRDL]	PHG or [MRDLG]	DISTRIBUTION SYSTEM				Distribution System		
Chloramines as Cl ₂ (ppm)	[4.0]	[4.0]	HIGHEST [RAA]/LOCATIONAL RAA		INDIVIDUAL SAMPLE RANGE		2021		
			[2.6]		1.0 - 3.6				
Trihalomethanes (ppb)	80	NA	50		33 - 56		2021		By-product of drinking water disinfection
Haloacetic acids (ppb)	60	NA	41		11 - 54		2021		By-product of drinking water disinfection
LEAD AND COPPER	Regulatory Action Level (RAL)	PHG	Number of Samples Collected	Homes above RAL	Level Detected at 90th percentile		Individual Taps ^d		Internal corrosion of household plumbing systems; discharges from industrial manufacturers; erosion of natural products
Lead (ppb) ^e	15	0.2	30	0	ND		2020		
Copper (ppm) ^e	1.3	0.3	30	0	1.0		2020		
Lead school	15	0.2	Number of schools requesting lead sampling = 4; Sample locations = 19; Locations above RAL = 0				2017		

SECONDARY AESTHETIC STANDARDS

CONSTITUENTS	STATE MCL	PHG	Lake Casitas Treated		Mira Monte Well Treated		Year Tested		SOURCE OF CONSTITUENT
			AVERAGE	RANGE	AVERAGE	RANGE	Lake Treated	Mira Monte Well ^d	
Turbidity (NTU)	5	NA	ND	ND - ND	< 0.1 ^f	ND - 0.2	2021	2019	Soil run-off
Total Dissolved Solids (ppm)	1000	NA	445	440 - 450	443 ^f	390 - 450	2021	2019	Run-off / leaching from natural deposits
Specific Conductance (µS/cm)	1600	NA	724	707 - 740	722 ^f	683 - 740	2021	2019	Substances that form ions in water; seawater influence
Chloride (ppm)	500	NA	22	22 - 22	23 ^f	22 - 63	2021	2019	Run-off/leaching from natural deposits; seawater influence
Sulfate (ppm)	500	NA	183	180 - 186	178 ^f	39-186	2021	2019	Run-off /leaching from natural deposits; industrial wastes

ADDITIONAL CONSTITUENTS

ADDITIONAL CONSTITUENTS (Unregulated)	MCL or [MRDL]	PHG (NL)	Lake Casitas Treated		Mira Monte Well Treated		Year Tested		SOURCE OF CONSTITUENT
			AVERAGE	RANGE	AVERAGE	RANGE	Lake Treated	Mira Monte Well ^d	
Alkalinity - Total as CaCO ₃ (ppm)	NA	NA	155	150 - 160	155 ^f	150 - 160	2021	2019	A measure of the capacity to neutralize acid
pH (pH standard units)	6.5-8.5 (US EPA)	NA	7.6	7.5 - 7.6	7.5 ^f	7.3 - 7.6	2021	2019	A measure of acidity or alkalinity
Hardness - Total as CaCO ₃ (ppm)	NA	NA	268 (15.7 gpg)	267 - 269 (15.6 - 15.7 gpg)	266 ^f (15.5 gpg)	198 - 269 (11.6-15.7 gpg)	2021	2019	"Hardness" is the sum of polyvalent cations present in the water, generally magnesium and calcium. The cations are usually naturally occurring
Corrosivity (Langlier Index) ^e	NA	NA	0.08	0.05 - 0.10	0.07 ^f	-0.20 - 0.10	2021	2019	Indicator of corrosion. A positive Langlier Index indicates the water is non-corrosive
Boron (ppb)	NA	(1000)	200	200 - 200	195 ^f	ND - 200	2021	2019	A naturally-occurring element
Calcium (ppm)	NA	NA	65	64 - 65	64 ^f	53 - 65	2021	2019	A naturally-occurring element
Magnesium (ppm)	NA	NA	26	26 - 26	26 ^f	16 - 26	2021	2019	A naturally-occurring element
Potassium (ppm)	NA	NA	4	3 - 4	3 ^f	ND - 4	2021	2019	A naturally-occurring element
Bicarbonate (ppm)	NA	NA	185	180 - 190	185 ^f	180 - 190	2021	2019	A measure of the capacity to neutralize acid
Sodium (ppm)	NA	NA	31	30 - 32	32 ^f	30 - 50	2021	2019	"Sodium" refers to the salt present in the water and is generally naturally occurring.

Abbreviations and 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): 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. Environmental Protection Agency (US EPA).

Maximum Residual Disinfectant Level (MRDL): The highest level of a disinfectant allowed in drinking water. There is convincing evidence that the 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.

Running Annual Average (RAA): Some MCL's are determined based on the running annual average which is calculated by averaging all sample results within the previous four quarters. Locational running annual average includes results averaged over the previous four quarters for a specific sample site.

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

Primary Drinking Water Standards (PDWS): MCLs, MRDLs and treatment techniques (TT) for contaminants that affect health, along with their monitoring and reporting 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 (RAL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which 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 SDWSs do not affect the health at the MCL levels.

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

NA - Not Applicable or Available
ND - None Detected at or above the limits of detection for reporting purposes
NL - Notification Level
NS - No Sample
NTU - Nephelometric Turbidity Units (a measure of turbidity)
ppm - Parts per million, or milligrams per liter (mg/L)
ppb - Parts per billion, or micrograms per liter (µg/L)
RAA: Running Annual Average
µS/cm - Micro Siemens per Centimeter (a measure of specific conductance)
gpg - Grains per gallon, an alternative unit used to measure hardness
US EPA - United States Environmental Protection Agency

Water Quality Table Footnotes:

- a) Turbidity is a measure of the cloudiness of water and is a good measure of water quality and filtration performance; 100 % of the samples tested for turbidity were below the required TT level of 0.2 NTU and 100% is the lowest monthly percentage of samples meeting the turbidity limits.
- b) For systems collecting fewer than 40 samples per month: two or more positive monthly samples is a violation of the total coliform MCL. During 2021 Casitas collected 156 distribution system samples for total coliform bacteria testing. Total coliform bacteria were not detected in any of these samples.
- c) Mira Monte Well water receives blending treatment with lake Casitas Treated water and when operated, blended water is sampled weekly for nitrates with the resulting nitrate level averaging 0.6 ppm as nitrogen in 2021.
- d) The State monitoring requirements for some contaminants is less than once per year because the concentrations of these contaminants do not change frequently. These data are from the most recent sampling, and although representative, are more than one year old.
- e) Casitas has implemented a corrosion control plan by adding a small amount of phosphate to the water to lower corrosivity and reduce copper levels.
- f) Mira Monte Well Treated is calculated as a weighted average using Lake Casitas Treated and Mira Monte Well sample results and average 2021 blended water production from each source.