2021 Consumer Confidence Report

Water System Name: SAN CAYETANO MUTUAL WATER CO Report Date: April 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 alquien que lo entienda bien.

Type of water source(s) in use: According to SWRCB records, Wells 05, 07, 08 and 09 are Groundwater. This Assessment was done using the Default Groundwater System Method. Well 04 is now inactive

Your water comes from 4 source(s): WELL05, WELL07, WELL08 and WELL09
and from 2 treated location(s): BLEND (WELLS 08, 07, 05 & 04) and BLEND (WELLS 09, 08, 07, 05)

Opportunities for public participation in decisions that affect drinking water quality: Regularly-scheduled water board or city/county council meetings currently are not held. If a meeting is schedules notices are sent out via email or U.S. Postal Service.

For more information about this report, or any questions relating to your drinking water, please call (805) 207 - 0347 and ask for Gary Ball or email gball221@aol.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 if 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 and 9 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)	(2019 - 2021)	86	84 - 88	none	none	Salt present in the water and is generally naturally occurring
Hardness (mg/L)	(2019 - 2021)	514	487 - 541	none	none	Sum of polyvalent cations present in the water, generally magnesium and calcium, and are usually naturally occurring

Table 2 - 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)	(2019 - 2021)	0.7	0.5 - 0.7	2	1	Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories.
Nitrate as N (mg/L)	(2021)	1.7	0.9 - 2.3	10	10	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Nitrate + Nitrite as N (mg/L)	(2019 - 2021)	1.8	0.9 - 2.3	10	10	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Selenium (ug/L)	(2019 - 2021)	ND	ND - 5	50	30	Discharge from petroleum, glass, and metal refineries; erosion of natural deposits; discharge from mines and chemical manufacturers; runoff from livestock lots(feed additive)
Gross Alpha (pCi/L)	(2017 - 2019)	6.75	4.59 - 10.3	15	(0)	Erosion of natural deposits.
Uranium (pCi/L)	(2017 - 2019)	5.024	4.757 - 5.42	20	0.43	Erosion of natural deposits

Table 3 - 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**
Nitrate as N (mg/L)	(2014)	2.8	n/a	10	10	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits

Table 4 - 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)	(2019 - 2021)	47	43 - 51	500	n/a	Runoff/leaching from natural deposits; seawater influence
Color (Units)	(2019 - 2021)	5	ND - 8	15	n/a	Naturally-occurring organic materials
Iron (ug/L)	(2019 - 2021)	155	ND - 330	300	n/a	Leaching from natural deposits; Industrial wastes
Manganese (ug/L)	(2020 - 2021)	80	ND - 160	50	n/a	Leaching from natural deposits
Odor Threshold at 60 °C (TON)	(2019 - 2021)	2	ND - 8	3	n/a	Naturally-occurring organic materials.
Specific Conductance (umhos/cm)	(2019 - 2021)	1340	1230 - 1430	1600	n/a	Substances that form ions when in water; seawater influence
Sulfate (mg/L)	(2019 - 2021)	403	335 - 444	500	n/a	Runoff/leaching from natural deposits; industrial wastes
Total Dissolved Solids (mg/L)	(2019 - 2021)	980	910 - 1040	1000	n/a	Runoff/leaching from natural deposits
Turbidity (NTU)	(2019 - 2021)	0.5	ND - 1.2	5	n/a	Soil runoff

Table 5 - 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**
Iron (ug/L)	(2014)	110	n/a	300	n/a	Leaching from natural deposits; Industrial wastes
Manganese (ug/L)	(2019 - 2021)	44	ND - 150	50	n/a	Leaching from natural deposits
Total Dissolved Solids (mg/L)	(2014)	940	n/a	1000	n/a	Runoff/leaching from natural deposits
Turbidity (NTU)	(2014)	ND	n/a	5	n/a	Soil runoff

Table 6 - 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)	(2019 - 2021)	0.7	0.6 - 0.9	1	Boron exposures resulted in decreased fetal weight (developmental effects) in newborn rats.
Vanadium (mg/L)	(2019 - 2021)	ND	ND - 3	50	Vanadium exposures resulted in developmental and reproductive effects in rats.
Manganese (ug/L)	(2021)	100	40 - 160	n/a	n/a

Table 7 - 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**
Manganese (ug/L)	(2021)	34	ND - 60	n/a	n/a

Table 8 - 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)	(2019 - 2021)	137	128 - 151	n/a	n/a
Magnesium (mg/L)	(2019 - 2021)	42	37 - 49	n/a	n/a
pH (units)	(2019 - 2021)	7.8	7.3 - 8.3	n/a	n/a
Alkalinity (mg/L)	(2019 - 2021)	225	220 - 230	n/a	n/a
Aggressiveness Index	(2019 - 2021)	12.6	12.2 - 13.2	n/a	n/a
Langelier Index	(2019 - 2021)	0.7	0.3 - 1.3	n/a	n/a

Additional General Information on Drinking Water

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts if 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. *San Cayetano Mutual Water* 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.

Summary Information for Violation of a MCL, MRDL, AL, TT, or Monitoring and Reporting Requirement

VIOLATION OF A MCL,MRDL,AL,TT, OR MONITORING AND REPORTING REQUIREMENT				
Violation	**Explanation**	**Duration**	**Actions Taken To Correct the Violation**	**Health Effects Language**
Iron				Iron was found at levels that exceed the secondary MCL. The Iron MCL was set to protect you against unpleasant aesthetic affects such as color, taste, odor and the staining of plumbing fixtures (e.g., tubs and sinks), and clothing while washing. Violating this MCL does not pose a risk to public health.
Manganese				Manganese was found at levels that exceed the secondary MCL. The Manganese MCL was set to protect you against unpleasant aesthetic affects such as color, taste, odor and the staining of plumbing fixtures (e.g., tubs and sinks), and clothing while washing. Violating this MCL does not pose a risk to public health.
Odor Threshold at 60 °C				Odor was found at levels that exceed the secondary MCL. The Odor MCL was set to protect you against unpleasant aesthetic affects such as color, taste, odor and the staining of plumbing fixtures (e.g., tubs and sinks), and clothing while washing. Violating this MCL does not pose a risk to public health.
Total Dissolved Solids				The TDS or Total Dissolved Solids in your water was found at levels that exceed the secondary MCL. The TDS MCLs was set to protect you against unpleasant aesthetic affects such as color, taste or hardness. Violating this MCL does not pose a risk to public health.

2021 Consumer Confidence Report

Drinking Water Assessment Information

Assessment Information

A source water assessment was conducted for the WELL 05 and WELL 07 of the SAN CAYETANO MUTUAL WATER CO water system in March, 2001. A source water assessment was conducted for the WELL 08 of the SAN CAYETANO MUTUAL WATER CO water system in February, 2012. A source water assessment was conducted for the WELL 09 of the SAN CAYETANO MUTUAL WATER CO water system in (MONTH), 2016.

WELL05 - is considered most vulnerable to the following activities not associated with any detected contaminants:
Chemical/petroleum pipelines
Septic systems - low density [<1/acre]

WELL07 - is considered most vulnerable to the following activities not associated with any detected contaminants:
Chemical/petroleum pipelines
Septic systems - low density [<1/acre]

WELL08 - is considered most vulnerable to the following activities not associated with any detected contaminants:
Chemical/petroleum pipelines
Septic systems - low density [<1/acre]
Wells - Agricultural/ Irrigation

WELL09 - is considered most vulnerable to the following activities not associated with any detected contaminants:
Chemical/petroleum pipelines
Septic systems - low density [<1/acre]
Wells - Agricultural/ Irrigation

Discussion of Vulnerability

There have been no contaminants detected in the water supply, however the source is still considered vulnerable to activities located near the drinking water source. Well 08 was brought online 08/01/11.

Acquiring Information

SWRCB Division of Drinking Water
1180 Eugenia Place
Suite 200
Carpinteria, CA 93013

You may request a summary of the assessment be sent to you by contacting:
Jeff Densmore
District Engineer
805 566 1326

San Cayetano Mutual Water

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			86	84 - 88
WELL05	SP 2004233-2	mg/L				2020-03-27	86		
WELL07	SP 2104219-1	mg/L				2021-03-29	88		
WELL08	SP 1906906-1	mg/L				2019-05-28	85		
WELL09	SP 2017760-4	mg/L				2020-12-23	84		
Hardness		mg/L		none	none			514	487 - 541
WELL05	SP 2004233-2	mg/L				2020-03-27	536		
WELL07	SP 2104219-1	mg/L				2021-03-29	541		
WELL08	SP 1906906-1	mg/L				2019-05-28	487		
WELL09	SP 2017760-4	mg/L				2020-12-23	492		

PRIMARY DRINKING WATER STANDARDS (PDWS)									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Fluoride		mg/L		2	1			0.7	0.5 - 0.7
WELL05	SP 2004233-2	mg/L				2020-03-27	0.7		
WELL07	SP 2104219-1	mg/L				2021-03-29	0.7		
WELL08	SP 1906906-1	mg/L				2019-05-28	0.5		
WELL09	SP 2017760-4	mg/L				2020-12-23	0.7		
Nitrate as N		mg/L		10	10			1.7	0.9 - 2.3
WELL05	SP 2104217-2	mg/L				2021-03-29	1.9		
WELL07	SP 2104219-1	mg/L				2021-03-29	2.3		
WELL08	SP 2107090-1	mg/L				2021-05-27	0.9		
WELL09	SP 2118496-1	mg/L				2021-12-28	1.7		
Nitrate + Nitrite as N		mg/L		10	10			1.8	0.9 - 2.3
WELL05	SP 2004233-2	mg/L				2020-03-27	2.1		
WELL07	SP 2104219-1	mg/L				2021-03-29	2.3		
WELL08	SP 1906906-1	mg/L				2019-05-28	0.9		
WELL09	SP 2017760-4	mg/L				2020-12-23	2.0		
Selenium		ug/L	50	50	30			ND	ND - 5
WELL05	SP 2004233-2	ug/L				2020-03-27	5		
WELL07	SP 2104219-1	ug/L				2021-03-29	ND		
WELL08	SP 1906906-1	ug/L				2019-05-28	ND		
WELL09	SP 2017760-4	ug/L				2020-12-23	ND		
Gross Alpha		pCi/L		15	(0)			6.75	4.59 - 10.3
WELL05	SP 1913051-2	pCi/L				2019-09-27	5.22		
WELL07	SP 1703563-1	pCi/L				2017-03-23	6.90		
WELL08	SP 1804138-1	pCi/L				2018-03-28	10.3		
WELL09	SP 1913051-1	pCi/L				2019-09-27	4.59		
Uranium		pCi/L		20	0.43			5.024	4.757 - 5.42
WELL05	SP 1913051-2	pCi/L				2019-09-27	4.90		
WELL07	SP 1703563-1	pCi/L				2017-03-23	5.42		
WELL08	SP 1804138-1	pCi/L				2018-03-28	4.757		
WELL09	SP 1913051-1	pCi/L				2019-09-27	5.02		

TREATED PRIMARY DRINKING WATER STANDARDS (PDWS)									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Nitrate as N		mg/L		10	10			2.8	2.78 - 2.78
BLEND (WELLS 08, 07, 05 & 04)	SP 1411221-1	mg/L				2014-09-29	2.78		

SECONDARY DRINKING WATER STANDARDS (SDWS)

		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Chloride		mg/L		500	n/a			47	43 - 51
WELL05	SP 2004233-2	mg/L				2020-03-27	48		
WELL07	SP 2104219-1	mg/L				2021-03-29	51		
WELL08	SP 1906906-1	mg/L				2019-05-28	43		
WELL09	SP 2017760-4	mg/L				2020-12-23	45		
Color		Units		15	n/a			5	ND - 8
WELL05	SP 2004233-2	Units				2020-03-27	8		
WELL07	SP 2104219-1	Units				2021-03-29	5		
WELL08	SP 1906906-1	Units				2019-05-28	5		
WELL09	SP 2017760-4	Units				2020-12-23	ND		
Iron		ug/L		300	n/a			155	ND - 330
WELL05	SP 2004233-2	ug/L				2020-03-27	ND		
WELL07	SP 2104219-1	ug/L				2021-03-29	330		
WELL08	SP 1906906-1	ug/L				2019-05-28	290		
WELL09	SP 2017760-4	ug/L				2020-12-23	ND		
Manganese		ug/L		50	n/a			80	ND - 160
WELL05	SP 2004233-2	ug/L				2020-03-27	ND		
WELL07	SP 2116590-1	ug/L				2021-12-28	80		
WELL07	SP 2111923-1	ug/L				2021-08-26	60		
WELL07	SP 2108533-1	ug/L				2021-06-25	40		
WELL07	SP 2104219-1	ug/L				2021-03-29	60		
WELL08	SP 2116911-1	ug/L				2021-11-29	140		
WELL08	SP 2113498-1	ug/L				2021-09-24	110		
WELL08	SP 2107090-1	ug/L				2021-05-27	150		
WELL08	SP 2102721-1	ug/L				2021-02-25	160		
WELL09	SP 2017760-4	ug/L				2020-12-23	ND		
Odor Threshold at 60 °C		TON		3	n/a			2	ND - 8
WELL05	SP 2004233-2	TON				2020-03-27	ND		
WELL07	SP 2104219-1	TON				2021-03-29	8		
WELL08	SP 1906906-1	TON				2019-05-28	ND		
WELL09	SP 2017760-4	TON				2020-12-23	ND		
Specific Conductance		umhos/cm		1600	n/a			1340	1230 - 1430
WELL05	SP 2004233-2	umhos/cm				2020-03-27	1430		
WELL07	SP 2104219-1	umhos/cm				2021-03-29	1230		
WELL08	SP 1906906-1	umhos/cm				2019-05-28	1320		
WELL09	SP 2017760-4	umhos/cm				2020-12-23	1380		
Sulfate		mg/L		500	n/a			403	335 - 444
WELL05	SP 2004233-2	mg/L				2020-03-27	419		
WELL07	SP 2104219-1	mg/L				2021-03-29	335		
WELL08	SP 1906906-1	mg/L				2019-05-28	444		
WELL09	SP 2017760-4	mg/L				2020-12-23	413		
Total Dissolved Solids		mg/L		1000	n/a			980	910 - 1040
WELL05	SP 2004233-2	mg/L				2020-03-27	1040		
WELL07	SP 2104219-1	mg/L				2021-03-29	910		
WELL08	SP 1906906-1	mg/L				2019-05-28	950		
WELL09	SP 2017760-4	mg/L				2020-12-23	1020		
Turbidity		NTU		5	n/a			0.5	ND - 1.2
WELL05	SP 2004233-2	NTU				2020-03-27	0.4		
WELL07	SP 2104219-1	NTU				2021-03-29	1.2		
WELL08	SP 1906906-1	NTU				2019-05-28	0.2		
WELL09	SP 2017760-4	NTU				2020-12-23	ND		

TREATED SECONDARY DRINKING WATER STANDARDS (SDWS)

		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Iron		ug/L		300	n/a			110	110 - 110
BLEND (WELLS 08, 07, 05 & 04)	SP 1411221-1	ug/L				2014-09-29	110		
Manganese		ug/L		50	n/a			44	ND - 150

BLEND (WELLS 08, 07, 05 & 04)	SP 1917612-1	ug/L				2019-12-27	40		
BLEND (WELLS 08, 07, 05 & 04)	SP 1916010-1	ug/L				2019-11-25	60		
BLEND (WELLS 08, 07, 05 & 04)	SP 1911470-1	ug/L				2019-08-28	60		
BLEND (WELLS 08, 07, 05 & 04)	SP 1901267-1	ug/L				2019-01-28	150		
BLEND (WELLS 09, 08, 07, 05)	SP 2118495-1	ug/L				2021-12-28	40		
BLEND (WELLS 09, 08, 07, 05)	SP 2116910-1	ug/L				2021-11-29	ND		
BLEND (WELLS 09, 08, 07, 05)	SP 2115354-1	ug/L				2021-10-27	60		
BLEND (WELLS 09, 08, 07, 05)	SP 2113499-1	ug/L				2021-09-24	30		
BLEND (WELLS 09, 08, 07, 05)	SP 2111922-1	ug/L				2021-08-26	40		
BLEND (WELLS 09, 08, 07, 05)	SP 2110132-1	ug/L				2021-07-27	40		
BLEND (WELLS 09, 08, 07, 05)	SP 2108536-1	ug/L				2021-06-25	40		
BLEND (WELLS 09, 08, 07, 05)	SP 2107091-1	ug/L				2021-05-27	50		
BLEND (WELLS 09, 08, 07, 05)	SP 2105643-1	ug/L				2021-04-28	20		
BLEND (WELLS 09, 08, 07, 05)	SP 2104214-1	ug/L				2021-03-29	40		
BLEND (WELLS 09, 08, 07, 05)	SP 2102720-1	ug/L				2021-02-25	40		
BLEND (WELLS 09, 08, 07, 05)	SP 2101094-1	ug/L				2021-01-26	ND		
Total Dissolved Solids		mg/L		1000	n/a			940	940 - 940
BLEND (WELLS 08, 07, 05 & 04)	SP 1411221-1	mg/L				2014-09-29	940		
Turbidity		NTU		5	n/a			ND	ND - ND
BLEND (WELLS 08, 07, 05 & 04)	SP 1411221-1	NTU				2014-09-29	ND		

UNREGULATED CONTAMINANTS

		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Boron		mg/L		NS	n/a			0.7	0.6 - 0.9
WELL05	SP 2004233-2	mg/L				2020-03-27	0.7		
WELL07	SP 2104219-1	mg/L				2021-03-29	0.9		
WELL08	SP 1906906-1	mg/L				2019-05-28	0.7		
WELL09	SP 2017760-4	mg/L				2020-12-23	0.6		
Vanadium		mg/L		NS	n/a			ND	ND - 3
WELL05	SP 2004233-2	mg/L				2020-03-27	ND		
WELL07	SP 2104219-1	mg/L				2021-03-29	3		
WELL08	SP 1906906-1	mg/L				2019-05-28	ND		
WELL09	SP 2017760-4	mg/L				2020-12-23	ND		
Manganese		ug/L		NS	n/a			100	40 - 160
WELL07	SP 2116590-1	ug/L				2021-12-28	80		
WELL07	SP 2111923-1	ug/L				2021-08-26	60		
WELL07	SP 2108533-1	ug/L				2021-06-25	40		
WELL07	SP 2104219-1	ug/L				2021-03-29	60		
WELL08	SP 2116911-1	ug/L				2021-11-29	140		
WELL08	SP 2113498-1	ug/L				2021-09-24	110		
WELL08	SP 2107090-1	ug/L				2021-05-27	150		
WELL08	SP 2102721-1	ug/L				2021-02-25	160		

TREATED UNREGULATED CONTAMINANTS

		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Manganese		ug/L		NS	n/a			34	ND - 60
BLEND (WELLS 09, 08, 07, 05)	SP 2118495-1	ug/L				2021-12-28	40		
BLEND (WELLS 09, 08, 07, 05)	SP 2116910-1	ug/L				2021-11-29	ND		
BLEND (WELLS 09, 08, 07, 05)	SP 2115354-1	ug/L				2021-10-27	60		
BLEND (WELLS 09, 08, 07, 05)	SP 2113499-1	ug/L				2021-09-24	30		
BLEND (WELLS 09, 08, 07, 05)	SP 2111922-1	ug/L				2021-08-26	40		
BLEND (WELLS 09, 08, 07, 05)	SP 2110132-1	ug/L				2021-07-27	40		
BLEND (WELLS 09, 08, 07, 05)	SP 2108536-1	ug/L				2021-06-25	40		
BLEND (WELLS 09, 08, 07, 05)	SP 2107091-1	ug/L				2021-05-27	50		
BLEND (WELLS 09, 08, 07, 05)	SP 2105643-1	ug/L				2021-04-28	20		
BLEND (WELLS 09, 08, 07, 05)	SP 2104214-1	ug/L				2021-03-29	40		
BLEND (WELLS 09, 08, 07, 05)	SP 2102720-1	ug/L				2021-02-25	40		

BLEND (WELLS 09, 08, 07, 05)	SP 2101094-1	ug/L				2021-01-26	10		

ADDITIONAL DETECTIONS

		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Calcium		mg/L			n/a			137	128 - 151
WELL05	SP 2004233-2	mg/L				2020-03-27	134		
WELL07	SP 2104219-1	mg/L				2021-03-29	151		
WELL08	SP 1906906-1	mg/L				2019-05-28	134		
WELL09	SP 2017760-4	mg/L				2020-12-23	128		
Magnesium		mg/L			n/a			42	37 - 49
WELL05	SP 2004233-2	mg/L				2020-03-27	49		
WELL07	SP 2104219-1	mg/L				2021-03-29	40		
WELL08	SP 1906906-1	mg/L				2019-05-28	37		
WELL09	SP 2017760-4	mg/L				2020-12-23	42		
pH		units			n/a			7.8	7.3 - 8.3
WELL05	SP 2004233-2	units				2020-03-27	7.3		
WELL07	SP 2104219-1	units				2021-03-29	8.3		
WELL08	SP 1906906-1	units				2019-05-28	7.6		
WELL09	SP 2017760-4	units				2020-12-23	7.8		
Alkalinity		mg/L			n/a			225	220 - 230
WELL05	SP 2004233-2	mg/L				2020-03-27	220		
WELL07	SP 2104219-1	mg/L				2021-03-29	230		
WELL08	SP 1906906-1	mg/L				2019-05-28	230		
WELL09	SP 2017760-4	mg/L				2020-12-23	220		
Aggressiveness Index					n/a			12.6	12.2 - 13.2
WELL05	SP 2004233-2					2020-03-27	12.2		
WELL07	SP 2104219-1					2021-03-29	13.2		
WELL08	SP 1906906-1					2019-05-28	12.5		
WELL09	SP 2017760-4					2020-12-23	12.6		
Langelier Index					n/a			0.7	0.3 - 1.3
WELL05	SP 2004233-2					2020-03-27	0.3		
WELL07	SP 2104219-1					2021-03-29	1.3		
WELL08	SP 1906906-1					2019-05-28	0.6		
WELL09	SP 2017760-4					2020-12-23	0.7		

San Cayetano Mutual Water

CCR Login Linkage - 2021

FGL Code	Lab ID	Date_Sampled	Method	Description	Property
CuPb-ss02	SP 2108550-2	2021-06-28	Metals, Total	115 Hall Rd.	Copper & Lead Monitoring
Bacti-Rout-ss01	SP 2101093-1	2021-01-26	Coliform	115 Hall Road	Water System Monitoring
	SP 2107088-1	2021-05-27	Coliform	115 Hall Road	Water System Monitoring
	SP 2113497-1	2021-09-24	Coliform	115 Hall Road	Water System Monitoring
CuPb-ss01	SP 2108550-1	2021-06-28	Metals, Total	20389 E. Telegraph Rd.	Copper & Lead Monitoring
CuPb-ss05	SP 2108550-5	2021-06-28	Metals, Total	2841 W. Young Rd.	Copper & Lead Monitoring
Bacti-Rout-ss02	SP 2105642-1	2021-04-28	Coliform	2841 W. Young Road	Water System Monitoring
	SP 2111924-1	2021-08-26	Coliform	2841 W. Young Road	Water System Monitoring
	SP 2118497-1	2021-12-28	Coliform	2841 W. Young Road	Water System Monitoring
CuPb-ss04	SP 2108550-4	2021-06-28	Metals, Total	3365 Telegraph Rd.	Copper & Lead Monitoring
CuPb-ss03	SP 2108550-3	2021-06-28	Metals, Total	3568 Sycamore Rd.	Copper & Lead Monitoring
Bacti-Rout-ss03	SP 2102718-1	2021-02-25	Coliform	3568 Sycamore Road	Water System Monitoring
	SP 2108535-1	2021-06-25	Coliform	3568 Sycamore Road	Water System Monitoring
	SP 2115356-1	2021-10-27	Coliform	3568 Sycamore Road	Water System Monitoring
430 Pyle Rd	SP 2116909-1	2021-11-29	Coliform	430 Pyle Rd	Water System Monitoring
Bacti-Rout-ss04	SP 2104213-1	2021-03-29	Coliform	430 Pyle Road	Water System Monitoring
	SP 2110133-1	2021-07-27	Coliform	430 Pyle Road	Water System Monitoring
Nitrate Blend	SP 1411221-1	2014-09-29	Wet Chemistry	BLEND (WELLS 08, 07, 05 & 04)	Nitrate Blend
	SP 1411221-1	2014-09-29	Metals, Total	BLEND (WELLS 08, 07, 05 & 04)	Nitrate Blend
NO3-Blend-ss01	SP 1901267-1	2019-01-28	Metals, Total	BLEND (WELLS 08, 07, 05 & 04)	Blended Water - Manganese
Blend-ss01	SP 1911470-1	2019-08-28	Metals, Total	BLEND (WELLS 08, 07, 05 & 04)	Blended Water - Manganese
	SP 1916010-1	2019-11-25	Metals, Total	BLEND (WELLS 08, 07, 05 & 04)	Blended Water - Manganese
	SP 1917612-1	2019-12-27	Metals, Total	BLEND (WELLS 08, 07, 05 & 04)	Blended Water - Manganese
	SP 2101094-1	2021-01-26	Metals, Total	BLEND (WELLS 09, 08, 07, 05)	Blended Water - Manganese
	SP 2102720-1	2021-02-25	Metals, Total	BLEND (WELLS 09, 08, 07, 05)	Blended Water - Manganese
	SP 2104214-1	2021-03-29	Metals, Total	BLEND (WELLS 09, 08, 07, 05)	Blended Water - Manganese
	SP 2105643-1	2021-04-28	Metals, Total	BLEND (WELLS 09, 08, 07, 05)	Blended Water - Manganese
	SP 2107091-1	2021-05-27	Metals, Total	BLEND (WELLS 09, 08, 07, 05)	Blended Water - Manganese
	SP 2108536-1	2021-06-25	Metals, Total	BLEND (WELLS 09, 08, 07, 05)	Blended Water - Manganese
	SP 2110132-1	2021-07-27	Metals, Total	BLEND (WELLS 09, 08, 07, 05)	Blended Water - Manganese
	SP 2111922-1	2021-08-26	Metals, Total	BLEND (WELLS 09, 08, 07, 05)	Blended Water - Manganese
	SP 2113499-1	2021-09-24	Metals, Total	BLEND (WELLS 09, 08, 07, 05)	Blended Water - Manganese
	SP 2115354-1	2021-10-27	Metals, Total	BLEND (WELLS 09, 08, 07, 05)	Blended Water - Manganese
	SP 2116910-1	2021-11-29	Metals, Total	BLEND (WELLS 09, 08, 07, 05)	Blended Water - Manganese
	SP 2118495-1	2021-12-28	Metals, Total	BLEND (WELLS 09, 08, 07, 05)	Blended Water - Manganese
Well 5	SP 1913051-2	2019-09-27	Radio Chemistry	WELL05	Well 9 & 5 - Radio
	SP 1913051-2	2019-09-27	Metals, Total	WELL05	Well 9 & 5 - Radio
WELL 05	SP 2004233-2	2020-03-27	Wet Chemistry	WELL05	Wells 4 & 5 - Water Quality
	SP 2004233-2	2020-03-27	Metals, Total	WELL05	Wells 4 & 5 - Water Quality
	SP 2004233-2	2020-03-27	General Mineral	WELL05	Wells 4 & 5 - Water Quality
	SP 2104217-2	2021-03-29	Wet Chemistry	WELL05	Wells 4 & 5 - Water Quality
Well 7	SP 1703563-1	2017-03-23	Radio Chemistry	WELL07	San Cayetano MWC Well 7 - Radio
WELL 07	SP 2104219-1	2021-03-29	Wet Chemistry	WELL07	San Cayetano MWC Well 7 Water Quality
	SP 2104219-1	2021-03-29	General Mineral	WELL07	San Cayetano MWC Well 7 Water Quality
	SP 2104219-1	2021-03-29	Metals, Total	WELL07	San Cayetano MWC Well 7 Water Quality
	SP 2108533-1	2021-06-25	Metals, Total	WELL07	San Cayetano MWC Well 7 Water Quality
	SP 2111923-1	2021-08-26	Metals, Total	WELL07	Well 7- Water Quality
	SP 2116590-1	2021-12-28	Metals, Total	WELL07	SAN CAYETANO MUTUAL WATER CO
Well 8	SP 1804138-1	2018-03-28	Metals, Total	WELL08	Well 8 - Radio
	SP 1804138-1	2018-03-28	Radio Chemistry	WELL08	Well 8 - Radio
	SP 1906906-1	2019-05-28	General Mineral	WELL08	Well 8 - Water Quality
	SP 1906906-1	2019-05-28	Metals, Total	WELL08	Well 8 - Water Quality
	SP 1906906-1	2019-05-28	Wet Chemistry	WELL08	Well 8 - Water Quality
WELL 08	SP 2102721-1	2021-02-25	Metals, Total	WELL08	Well 8 - Water Quality
	SP 2107090-1	2021-05-27	Wet Chemistry	WELL08	Well 8 - Water Quality

	SP 2107090-1	2021-05-27	Metals, Total	WELL08	Well 8 - Water Quality
	SP 2113498-1	2021-09-24	Metals, Total	WELL08	San Cayetano MWC Well 7 Water Quality
	SP 2116911-1	2021-11-29	Metals, Total	WELL08	Well 8 - Water Quality
Well 9	SP 1704555-1	2017-04-14	Sub Organic	WELL09	Title 22
	SP 1913051-1	2019-09-27	Radio Chemistry	WELL09	Well 9 & 5 - Radio
	SP 1913051-1	2019-09-27	Metals, Total	WELL09	Well 9 & 5 - Radio
	SP 2017760-4	2020-12-23	Metals, Total	WELL09	SAN CAYETANO MUTUAL WATER CO
	SP 2017760-4	2020-12-23	General Mineral	WELL09	SAN CAYETANO MUTUAL WATER CO
	SP 2017760-4	2020-12-23	Wet Chemistry	WELL09	SAN CAYETANO MUTUAL WATER CO
	SP 2118496-1	2021-12-28	Wet Chemistry	WELL09	SAN CAYETANO MUTUAL WATER CO