

# Consumer Confidence Report Certification Form

(to be submitted with a copy of the CCR)

(to certify electronic delivery of the CCR, use the certification form on the State Water Board's website at  
[http://www.swrcb.ca.gov/drinking\\_water/certlic/drinkingwater/CCR.shtml](http://www.swrcb.ca.gov/drinking_water/certlic/drinkingwater/CCR.shtml))

Water System Name:	<b>CASITAS MUTUAL WATER CO</b>
Water System Number:	<b>CA5601104</b>

The water system named above hereby certifies that its Consumer Confidence Report was distributed on July 10th, 2023 (date) to customers (and appropriate notices of availability have been given). Further, the system certifies that the information contained in the report is correct and consistent with the compliance monitoring data previously submitted to the State Water Resources Control Board, Division of Drinking Water.

Certified By:	Name:	MARCELLINO PENA	
	Signature:	<i>Marcellino Q. Pena</i>	
	Title:	DISTRIBUTION OPERATOR # 54985	
	Phone Number:	(805 ) 603-7110	Date: JULY 2ND, 2023

To summarize report delivery used and good-faith efforts taken, please complete the form below by checking all items that apply and fill-in where appropriate:

☒ CCR was distributed by mail or other direct delivery methods. Specify other direct delivery methods used:

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☐ "Good faith" efforts were used to reach non-bill paying customers. Those efforts included the following methods:

- ☐ Posted the CCR on the internet at <http://> \_\_\_\_\_
- ☐ Mailed the CCR to postal patrons within the service area (attach zip codes used)
- ☐ Advertised the availability of the CCR in news media (attach a copy of press release)
- ☐ Publication of the CCR in a local newspaper of general circulation (attach a copy of the published notice, including name of the newspaper and date published)
- ☐ Posted the CCR in public places (attach a list of locations)
- ☐ Delivery of multiple copies of CCR to single bill addresses serving several persons, such as apartments, businesses, and schools
- ☐ Delivery to community organizations (attach a list of organizations)
- ☐ Other (attach a list of other methods used)

☐ For systems serving at least 100,000 persons: Posted CCR on a publicly-accessible internet site at the following address: <http://> \_\_\_\_\_

☐ For investor-owned utilities: Delivered the CCR to the California Public Utilities Commission

# 2022 Consumer Confidence Report

Water System Name: CASITAS MUTUAL WATER CO

Report Date: June 2023

*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, 2022.*

**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:** According to SWRCB records, this Source is Groundwater. This Assessment was done using the Default Groundwater System Method.

**Your water comes from 1 source(s):** Well 01

**Opportunities for public participation in decisions that affect drinking water quality:** Regularly-scheduled water board or city/county council meetings are held at Board Member Residence every 90 days at 7 PM, Contact Jayme Pena (805) 798-7199 for date and location information.

For more information about this report, or any questions relating to your drinking water, please call (805)340-2830 and ask for John Dickenson or email [jmdiv@hotmail.com](mailto:jmdiv@hotmail.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.

**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)

**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 and 7 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 SHOWING THE DETECTION OF LEAD AND COPPER**

Lead and Copper (complete if lead or copper detected in last sample set)	Sample Date	No. of Samples	90th percentile level detected	No. Sites Exceeding AL	AL	PHG	Typical Sources of Contaminant
Copper (mg/L)	(2022)	5	0.25	0	1.3	.3	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives

**Table 2 - 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)	(2022)	51	n/a	none	none	Salt present in the water and is generally naturally occurring
Hardness (mg/L)	(2022)	451	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
Chromium (ug/L)	(2022)	15	n/a	50.0	n/a	Discharge from steel and pulp mills and chrome plating; erosion of natural deposits

Fluoride (mg/L)	(2022)	0.3	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)	(2022)	2.4	n/a	10	10	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Nitrate + Nitrite as N (mg/L)	(2022)	2.4	n/a	10	10	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Gross Alpha (pCi/L)	(2015)	1.97	n/a	15	(0)	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)	(2022)	47	n/a	500	n/a	Runoff/leaching from natural deposits; seawater influence
MBAS (ug/L)	(2022)	123	n/a	500	n/a	Municipal and industrial waste discharges.
Specific Conductance (umhos/cm)	(2022)	1160	n/a	1600	n/a	Substances that form ions when in water; seawater influence
Sulfate (mg/L)	(2022)	257	n/a	500	n/a	Runoff/leaching from natural deposits; industrial wastes
Total Dissolved Solids (mg/L)	(2022)	770	n/a	1000	n/a	Runoff/leaching from natural deposits

Table 5 - 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)	(2022)	0.5	n/a	1	Boron exposures resulted in decreased fetal weight (developmental effects) in newborn rats.
Vanadium (ug/L)	(2022)	5	n/a	50	Vanadium exposures resulted in developmental and reproductive effects in rats.

Table 6 - 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)	(2022)	128	n/a	n/a	n/a
Magnesium (mg/L)	(2022)	32	n/a	n/a	n/a
pH (units)	(2022)	6.74	n/a	n/a	n/a
Alkalinity (mg/L)	(2022)	260	n/a	n/a	n/a
Aggressiveness Index	(2022)	11.7	n/a	n/a	n/a
Langelier Index	(2022)	-0.2	n/a	n/a	n/a

Table 7 - 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)	(2022)	39	n/a	80	n/a	No	By-product of drinking water disinfection
Chlorine (mg/L)	(2022)	0.00	n/a	4.0	4.0	No	Drinking water disinfectant added for treatment.

Haloacetic Acids (five) (ug/L)	(2022)	33	n/a	60	n/a	No	By-product of drinking water disinfection
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## 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. *Casitas Mutual Water Co.* 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>.

## 2022 Consumer Confidence Report

### Drinking Water Assessment Information

#### Assessment Information

A source water assessment was conducted for the WELL 01 of the CASITAS MUTUAL WATER COMPANY water system in March, 2001.

Well 01 - is considered most vulnerable to the following activities not associated with any detected contaminants:  
 Chemical/petroleum pipelines  
 Machine shops

#### Acquiring Information

A copy of the complete assessment may be viewed at:  
 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

For more info you may visit <http://swap.ice.ucdavis.edu/TSinfo/TSintro.asp> or contact the health department in the county to which the water system belongs.

# Casitas Mutual Water Co.

## Analytical Results By FGL - 2022

### LEAD AND COPPER RULE

		Units	MCLG	CA-MCL	PHG	Sampled	Result	90th Percentile	# Samples
<b>Copper</b>		mg/L		1.3	.3			0.245	5
Deirde Jynds-8225 N. Vta. Ave.	SP 2210386-5	mg/L				2022-06-21	ND		
Janine Mazziotto-8460 Edison	SP 2210386-2	mg/L				2022-06-21	0.07		
Marcell Pena-8349 Edison	SP 2210386-1	mg/L				2022-06-21	0.12		
Marina Roberson-90 Ranch Rd.	SP 2210386-4	mg/L				2022-06-21	ND		
Mark VanAken- 8355 Edison	SP 2210386-3	mg/L				2022-06-21	0.37		

### SAMPLING RESULTS FOR SODIUM AND HARDNESS

		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
<b>Sodium</b>		mg/L		none	none			51	51 - 51
Well 01	SP 2207812-1	mg/L				2022-05-10	51		
<b>Hardness</b>		mg/L		none	none			451	451 - 451
Well 01	SP 2207812-1	mg/L				2022-05-10	451		

### PRIMARY DRINKING WATER STANDARDS (PDWS)

		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
<b>Chromium</b>		ug/L	100	50.0	n/a			15	15 - 15
Well 01	SP 2207812-1	ug/L				2022-05-10	15		
<b>Fluoride</b>		mg/L		2	1			0.3	0.3 - 0.3
Well 01	SP 2207812-1	mg/L				2022-05-10	0.3		
<b>Nitrate as N</b>		mg/L		10	10			2.4	2.4 - 2.4
Well 01	SP 2207812-1	mg/L				2022-05-10	2.4		
<b>Nitrate + Nitrite as N</b>		mg/L		10	10			2.4	2.4 - 2.4
Well 01	SP 2207812-1	mg/L				2022-05-10	2.4		
<b>Gross Alpha</b>		pCi/L		15	(0)			1.97	1.97 - 1.97
Well 01	SP 1507497-1	pCi/L				2015-07-07	1.97		

### SECONDARY DRINKING WATER STANDARDS (SDWS)

		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
<b>Chloride</b>		mg/L		500	n/a			47	47 - 47
Well 01	SP 2207812-1	mg/L				2022-05-10	47		
<b>MBAS</b>		ug/L		500	n/a			123	123 - 123
Well 01	SP 2207812-1	ug/L				2022-05-10	123		
<b>Specific Conductance</b>		umhos/cm		1600	n/a			1160	1160 - 1160
Well 01	SP 2207812-1	umhos/cm				2022-05-10	1160		
<b>Sulfate</b>		mg/L		500	n/a			257	257 - 257
Well 01	SP 2207812-1	mg/L				2022-05-10	257		
<b>Total Dissolved Solids</b>		mg/L		1000	n/a			770	770 - 770
Well 01	SP 2207812-1	mg/L				2022-05-10	770		

### UNREGULATED CONTAMINANTS

		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
<b>Boron</b>		mg/L		NS	n/a			0.5	0.5 - 0.5
Well 01	SP 2207812-1	mg/L				2022-05-10	0.5		
<b>Vanadium</b>		ug/L		NS	n/a			5	5 - 5
Well 01	SP 2207812-1	ug/L				2022-05-10	5		

### ADDITIONAL DETECTIONS



# Casitas Mutual Water Co.

## CCR Login Linkage - 2022

FGL Code	Lab ID	Date_Sampled	Method	Description	Property
8225 N. Vta. Av	SP 2210386-5	2022-06-21	Metals, Total	Deirde Jynds-8225 N. Vta. Ave.	Lead & Copper Monitoring
DBP2ENDPARK	SP 2213672-1	2022-08-23	EPA 551.1	END OF PARK AVE - STAGE 2 DBP	Stage 2 THM/HAA5 Monitoring
	SP 2213672-1	2022-08-23	EPA 552.2	END OF PARK AVE - STAGE 2 DBP	Stage 2 THM/HAA5 Monitoring
8460 Edison	SP 2210386-2	2022-06-21	Metals, Total	Janine Mazziotta-8460 Edison	Lead & Copper Monitoring
8349 Edison	SP 2210386-1	2022-06-21	Metals, Total	Marcell Pena-8349 Edison	Lead & Copper Monitoring
90 Ranch Rd.	SP 2210386-4	2022-06-21	Metals, Total	Marina Roberson-90 Ranch Rd.	Lead & Copper Monitoring
8355 Edison	SP 2210386-3	2022-06-21	Metals, Total	Mark VanAken- 8355 Edison	Lead & Copper Monitoring
SS#1	SP 2200896-1	2022-01-18	Field Test	SS#1 - 8376 Edison Drive	Bacteriological Monitoring
	SP 2200896-1	2022-01-18	Coliform	SS#1 - 8376 Edison Drive	Bacteriological Monitoring
	SP 2202125-1	2022-02-08	Coliform	SS#1 - 8376 Edison Drive	Bacteriological Monitoring
	SP 2202125-1	2022-02-08	Field Test	SS#1 - 8376 Edison Drive	Bacteriological Monitoring
	SP 2203636-1	2022-03-08	Coliform	SS#1 - 8376 Edison Drive	Bacteriological Monitoring
	SP 2203636-1	2022-03-08	Field Test	SS#1 - 8376 Edison Drive	Bacteriological Monitoring
	SP 2206458-1	2022-04-19	Coliform	SS#1 - 8376 Edison Drive	Bacteriological Monitoring
	SP 2206458-1	2022-04-19	Field Test	SS#1 - 8376 Edison Drive	Bacteriological Monitoring
	SP 2207815-1	2022-05-10	Coliform	SS#1 - 8376 Edison Drive	Bacteriological Monitoring
	SP 2207815-1	2022-05-10	Field Test	SS#1 - 8376 Edison Drive	Bacteriological Monitoring
	SP 2210004-1	2022-06-14	Coliform	SS#1 - 8376 Edison Drive	Bacteriological Monitoring
	SP 2210004-1	2022-06-14	Field Test	SS#1 - 8376 Edison Drive	Bacteriological Monitoring
	SP 2211366-1	2022-07-12	Field Test	SS#1 - 8376 Edison Drive	Bacteriological Monitoring
	SP 2211366-1	2022-07-12	Coliform	SS#1 - 8376 Edison Drive	Bacteriological Monitoring
	SP 2213671-1	2022-08-23	Field Test	SS#1 - 8376 Edison Drive	Bacteriological Monitoring
	SP 2213671-1	2022-08-23	Coliform	SS#1 - 8376 Edison Drive	Bacteriological Monitoring
	SP 2214986-1	2022-09-19	Coliform	SS#1 - 8376 Edison Drive	Bacteriological Monitoring
	SP 2214986-1	2022-09-19	Field Test	SS#1 - 8376 Edison Drive	Bacteriological Monitoring
	SP 2216694-1	2022-10-18	Field Test	SS#1 - 8376 Edison Drive	Bacteriological Monitoring
	SP 2216694-1	2022-10-18	Coliform	SS#1 - 8376 Edison Drive	Bacteriological Monitoring
	SP 2218678-1	2022-11-22	Coliform	SS#1 - 8376 Edison Drive	Bacteriological Monitoring
	SP 2218678-1	2022-11-22	Field Test	SS#1 - 8376 Edison Drive	Bacteriological Monitoring
	SP 2219333-1	2022-12-06	Field Test	SS#1 - 8376 Edison Drive	Bacteriological Monitoring
	SP 2219333-1	2022-12-06	Coliform	SS#1 - 8376 Edison Drive	Bacteriological Monitoring
STW-1	SP 1507497-1	2015-07-07	Radio Chemistry	Well 01	Water Monitoring
	SP 2207812-1	2022-05-10	General Mineral	Well 01	Water Monitoring
	SP 2207812-1	2022-05-10	Metals, Total	Well 01	Water Monitoring