



2023 CITY OF MILPITAS Water Quality Report



City of Milpitas
455 E. Calaveras Blvd., Milpitas, CA 95035
www.milpitas.gov

In Calendar Year 2023, your tap water met all USEPA and State drinking water health standards.
We vigilantly safeguard our water supplies, and once again, we are proud to report that our system had no water quality standard violations.

Important Contact Information

City of Milpitas

455 E. Calaveras Blvd., Milpitas,
CA 95035
(408) 586-3000; TDD (408) 586-2643
<https://www.milpitas.gov>

Business Hours of operation 8 a.m.
to 5 p.m., M–Th

Water Emergencies

(408) 586-2600, Business Hours
(408) 586-2400, After Hours

Billing Questions

(408) 586-3100

Water Conservation Hotline

(408) 586-2666

Valley Water Pollution Hotline

(888) 510-5151 (24 Hours)



Resources

Division of Drinking Water

Website: https://www.waterboards.ca.gov/drinking_water/

Phone: (510) 620-3474

US EPA

Website: <https://www.epa.gov/>

Phone: (800) 426-4791

Department of Water Resources

Website: <https://www.water.ca.gov>

Bay Area Water Supply and Conservation Agency

Website: <https://www.bawsca.org>

American Water Works Association

Website: <https://www.awwa.org> and <https://www.DrinkTap.org>

Valley Water

Website: <https://www.valleywater.org>

More information

For more information about this report or the City's water quality monitoring program, please contact:

City of Milpitas Public Works Department
(408) 586-2600; MilpitasCCR@milpitas.gov

COVID-19 and Drinking Water

The World Health Organization has stated that the "presence of COVID-19 virus has not been detected in drinking-water supplies and based on our current evidence, the risk to water supplies is low". The City of Milpitas continues to monitor the COVID-19 emergency and will implement recommended and local water quality measures to ensure we continue providing safe, clean water for our community.

This report contains important information about your drinking water.

Translate it, or speak with someone who understands it.

If necessary, please call 408-586-2600 to have the report translated.

Este informe contiene información muy importante sobre su agua potable.

Tradúzcalo o hable con alguien que lo entienda bien.

Si es necesario, llame al 408-586-2600 si necesita el informe traducido.

Ang pag-uulat na ito ay naglalaman ng mahalagang
impormasyon tungkol sa inyong inuming tubig.

Isalin ito, o makipag-usap sa isang tao na naiintindihan ito.

Kung kinakailangan, mangyaring tumawag sa 408-586-2600
upang maisalin ang ulat.

Báo cáo này chứa thông tin quan trọng về nước uống của quý vị.

Xin nhờ người dịch cho quý vị.

Nếu cần, xin gọi số 408-586-2600 để được phiên dịch bản báo cáo.

由于此报告书包含着有关饮用水的重要信息，
因此希望各位跟能够翻译或理解报告书内容的人对话。
如有必要，请致电 408-586-2600 翻译报告。

इस रपॉर्ट मे महत्वपूर्ण जानकारी है।

इसका अनुवाद करे या उस व्यक्ति से बात करे जो इसे समझता है।
यदि आवश्यक हो, तो रपॉर्ट का अनुवाद करने के लिए कृपया 408-586-2600 पर
कॉल करे।

이 보고서는 당신의 식수와 관련된 중요한 정보를 포함하고 있으니
번역하시거나 보고서의 내용을 이해할 수 있는 분과 이야기하시기
바랍니다. 필요한 경우 408-586-2600으로 전화하여 보고서 번역을
요청하십시오.



Our Drinking Water and How We Protect It

The City of Milpitas draws treated water from two sources that provide clean water to residents and businesses. The water is purchased from two separate wholesalers: treated surface water from the San Francisco Public Utilities Commission (SFPUC) and treated surface water from Valley Water. In the event that water supply is interrupted from either Valley Water or SFPUC, the City has the option of utilizing its emergency ground water well to meet basic water needs for a short duration of time. In 2023, the City supplied an average of 6.4 million gallons of water per day to approximately 16,000 homes and businesses for indoor and outdoor use.



Gibraltar Water Facility

The City's Gibraltar Water Facility stores, pumps, and regulates the pressure for both of SFPUC and Valley Water supplies.

SFPUC Supply

SFPUC water is a combination of Hetch Hetchy water and treated local water. Most of SFPUC's water is sourced from the Hetch Hetchy watershed located in the Sierra Nevada Mountains. This water is exempt from filtration requirements by the United States Environmental Protection Agency (USEPA) and State Water Resources Control Boards' Division of Drinking Water (DDW) due to the protected Sierra spring snow melt water source. Local water is collected within the Alameda watershed at Calaveras Reservoir and San Antonio Reservoir. Local water is treated through filtration and disinfection at the Sunol Valley Water Treatment Plant.

Valley Water Supply

Valley Water sources water primarily from the Sacramento-San Joaquin Delta watershed via the South Bay Aqueduct, Dyer Reservoir, Lake Del Valle, and San Luis Reservoir. The water supply is supplemented by local water sources at Anderson and Calero Reservoirs. Water supplied by Valley Water is treated through filtration and disinfection at Penitencia and Santa Teresa Water Treatment Plants.

Emergency Supplies

The City is divided into SFPUC and Valley Water service areas and does not blend or combine SFPUC and Valley Water water supplies under normal operating conditions. However, the service areas can be interconnected in the event of an emergency to provide water supply if needed. The City's water system is also interconnected with the Alameda County Water District to the north and San Jose Water Company to the south. In the event that there is an emergency, either or both agencies can provide water to the City and vice versa. SFPUC and Valley Water share an intertie that can supply water from one wholesaler to the other. The City can also provide temporary emergency groundwater water supply using Pinewood Well, located in the southwestern portion of the City.



Tularcitos Pump Station
The City's Tularcitos Pump Station pumps and stores water supply to serve residents on the hillside.

Drinking Water Source Assessment Program

Drinking Water Source Assessment Programs evaluate the vulnerability of water sources to potential contamination. Both SFPUC and Valley Water have conducted drinking water source assessments for the City's potable water supplies. The assessments are available for review at the State Water Resources Control Board (SWRCB) – Division of Drinking Water District Office. You may request that a summary of the assessments be sent to you by calling (510) 620-3474.

SFPUC conducts an annual watershed sanitary survey for the Hetch Hetchy source as well as five-year sanitary surveys for local water sources. These surveys evaluate the sanitary condition, water quality, potential contamination sources, and the results of watershed management activities. The surveys were completed with support from partner agencies including the National Park Service and US Forest Service. These surveys have identified wildlife, stock, and human activities as potential contamination sources. For more information, you may contact the San Francisco District Office of the State Water Resources Control Board's Division of Drinking Water (SWRCB) at (510) 620-3474.

Valley Water water sources are vulnerable to potential contamination from a variety of land use practices, such as agricultural and urban runoff, recreational activities, livestock grazing, and residential and industrial development. The imported sources are also vulnerable to wastewater treatment plant discharges, seawater intrusion, and wild fires in open space areas. In addition, local sources are also vulnerable to potential contamination from commercial stables and historic mining practices. No contaminants associated with any of these activities have been detected in Valley Water's treated water. The water treatment plants provide multiple barriers for physical removal and disinfection of contaminants.

Contaminants & Regulations

In order to ensure tap water is safe to drink, the United States Environmental Protection Agency (USEPA) and the State Water Resources Control Board (SWRCB) prescribe regulations which limit the amount of certain contaminants in water provided by public water systems. The SWRCB regulations also establish limits for contaminants in bottled water to provide the same protection for public health.

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.

Maintaining Water Quality

The City is dedicated to maintaining high water quality standards and protecting the water supply. The safeguards include a combination of preventative and monitoring practices described below.

Hydrant and Water Main Flushing: In order to keep our water system clean without wasting water, the City administers NO-DES flushing methods to flush fire hydrants and water mains. NO-DES flushing eliminates water waste, reduces flushing operation costs, saves energy and is an environmental friendly alternative to conventional flushing methods.

Flushing of fire hydrants and water mains is performed to remove sediment and keep the distribution system refreshed by circulating water in pipes that would otherwise remain stagnant. As a result of flushing, residents in the immediate vicinity may experience temporary discoloration in their water. This discoloration does not affect the safety of the water. If you experience discoloration in your water after City crews have been flushing in your neighborhood, clear the water from your house plumbing by running water faucets for a few minutes prior to use.

Backflow Testing: A backflow preventer is a plumbing device that keeps the water supply safe by preventing water on private property from flowing back into the City's distribution system. Per SWRCB guidelines, backflow devices are required to be tested annually to ensure they are working properly.

Water Sampling: In accordance with State and Federal rules and regulations, samples are collected from the City's water system and are sent to a lab to be tested for certain water quality parameters. See page 6 through 7 of this CCR for water quality sampling results.



NO-DES Flushing Truck

Water Quality Information

Lead

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Infants and young children are typically more vulnerable to lead in drinking water than the general population. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. The City is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. It is possible that lead levels at your home may be higher than at other homes in the community as a result of materials used in your home's plumbing. If you are concerned about elevated lead levels in your water, you are encouraged to have your water tested by a laboratory and/or flush your tap. When your water has been sitting in your plumbing system for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you do so, you may wish to collect the flushed water and reuse it for another beneficial purpose, such as watering plants. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the USEPA Safe Drinking Water Hotline or at (800) 426-4791 or at <http://www.epa.gov/lead>.

In 2018, the City of Milpitas, through a coordinated effort with the Milpitas Unified School District (MUSD) completed lead sampling at fourteen (14) K-12 school sites, in compliance with Assembly Bill No. 746.

Hardness

Water hardness is determined mainly by the presence of calcium and magnesium salts. Although hard water does not pose a health risk, it may be considered undesirable for other reasons. Some benefits of water softening are reductions in soap usage, longer life for water heaters and a decrease in encrustation of pipes; disadvantages are an increase in sodium intake, an increase in maintenance and servicing and potential adverse effects on salt-sensitive plants. To convert hardness from ppm to grains per gallon, divide by 17.1. A hardness scale is provided to the right for your reference.

Hardness Classification	Grains per Gallon	ppm
Soft	less than 1.0	less than 17.1
Slightly hard	1.0–3.5	17.1–60
Moderately hard	3.5–7.0	60–120
Hard	7.0–10.5	120–180
Very hard	over 10.5	over 180

This Consumer Confidence Report (CCR) reflects changes in drinking water regulatory requirements during the 2023 Calendar Year. These revisions add the requirements of the federal Revised Total Coliform Rule, effective April 1, 2016, to the existing state Total Coliform Rule. The revised rule maintains the purpose to protect public health by ensuring the integrity of the drinking water distribution system and monitoring for the presence of microbials (i.e., total coliform and E. coli bacteria). The U.S. EPA anticipates greater public health protection as the rule requires water systems that are vulnerable to microbial contamination to identify and fix problems. Water systems that exceed a specified frequency of total coliform occurrences are required to conduct an assessment to determine if any sanitary defects exist. If found, these must be corrected by the water system.

Disinfection with Chloramine

The water from both SFPUC and Valley Water is treated with chloramine to protect public health. Chloramine assists in destroying disease-causing organisms. Chloramine is considered safe for use as a water disinfectant. However, home dialysis patients and aquarium owners must take precautions before using the chloraminated water in kidney dialysis machines or aquariums. Dialysis patients should consult with their doctor or dialysis technician and aquarium owners should consult with their pet store.



Fluoride and Dental Fluorosis

Mandated by State law, water fluoridation is a widely accepted practice proven to be safe and effective for preventing and controlling tooth decay. The fluoride target level in drinking water is 0.8 milligram per liter (mg/L, or part per million, ppm), consistent with the May 2015 State regulatory guidance on optimal fluoride level. Infants fed formula mixed with water containing fluoride at this level may still have a chance of developing tiny white lines or streaks in their teeth. These marks are referred to as mild to very mild fluorosis, and are often only visible under a microscope. Even in cases where the marks are visible, they do not pose any health risk according to the SWRCB and USEPA. The Centers of Disease Control (CDC) considers it safe to use optimally fluoridated water for preparing infant formula. To lessen this chance of dental fluorosis, you may choose to use low-fluoride bottled water to prepare infant formula. Nevertheless, children may still develop dental fluorosis due to fluoride intake from other sources such as food, toothpaste and dental products.

Contact your healthcare provider or SWRCB-DDW if you have concerns about dental fluorosis. For additional information about fluoridation or oral health, visit the SWRCB-DDW website https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/Fluoridation.shtml, or the CDC website <https://www.cdc.gov/fluoridation>.



South Bay Water Recycling - Recycled Water Supply



In 2023, irrigation and industrial customers in Milpitas used over 256 million gallons of recycled water, thereby conserving an equal amount of potable drinking water. Recycled water from the San Jose/Santa Clara Water Pollution Control Plant undergoes an extensive treatment process (including filtration and disinfection) and is delivered to landscape irrigation and industrial customers in Milpitas, San Jose, and Santa Clara. For more information pertaining to recycled water, visit <https://www.sanjoseca.gov/your-government/departments-offices/environmental-services/water-utilities/recycled-water>.

How to Read the Water Quality Table

- I** Go to Column I on the Water Quality Tables to find the parameter you are interested in.
- II** This column lists the highest amount of each parameter that the SWRCB or the USEPA allows.
- III** This column lists the public health goal. At that amount or lower, the SWRCB and USEPA has determined there is no known or expected risk to health from that contaminant's presence in drinking water.*
- IV** Find the column which corresponds to the source water that primarily serves you. Both the average and range of each parameter detected is listed for each water source.*
- V** This column indicates how each parameter typically gets into your drinking water.*

*For typical sources of chemical constituents, abbreviations, and the Water Supply Map, see page 7 of this CCR.

<div><div>I</div><div>II</div><div>III</div><div>IV</div><div>IV</div><div>V</div></div> <div>PRIMARY DRINKING WATER STANDARDS (PUBLIC HEALTH RELATED STANDARDS)</div>										
PARAMETER	Unit	MCL, (AL), or [MRDL]	PHG, (MCLG), or [MRDLG]	Distribution System		Valley Water _b		SFPUC		Typical
				Average	Range	Average	Range	Average	Range	Sources*
SOURCE WATER SAMPLING										
INORGANIC CHEMICALS										
Aluminum	ppm	1	0.6			ND	ND	ND	ND	3, 4
Bromate	ppb	10	0.1			2.45	ND - 6	2.1 _c	ND - 1.9	9
Fluoride	ppm	2	4			ND	ND - 0.43	0.4	ND - 0.3	3, 5, 6

Definitions of Key Terms

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. MCLs are established by USEPA and the State Board.

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 USEPA.

Maximum Residual Disinfectant Level (MRDL): The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG): The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

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

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

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

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 Office of Environmental Health Hazard Assessment.

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

Total Organic Carbon (TOC): TOC is precursor for disinfection by-product formation.

Turbidity: Turbidity is a measure of the cloudiness of the water, and is also used to indicate the effectiveness of the filtration system. High turbidity can hinder the effectiveness of disinfectants.

UCMR: Unregulated Contaminant Monitoring Rule requires monitoring for contaminants not currently regulated. This monitoring provides a basis for future regulatory actions to protect public health.

2023

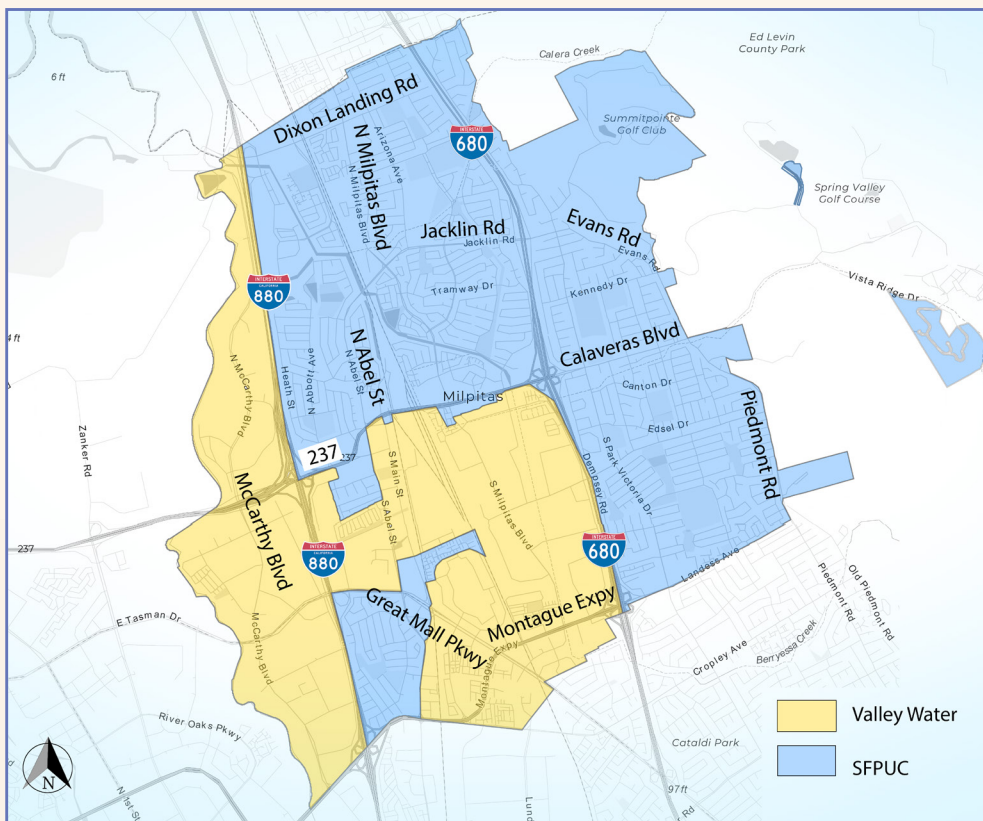
Data Annotations

Typical Sources of Chemical Constituents

- | | | | |
|----|---|----|--|
| 1 | Naturally present in the environment | 11 | Runoff from natural deposits |
| 2 | Soil runoff | 12 | Leaching from natural deposits |
| 3 | Erosion of natural deposits | 13 | Naturally-occurring organic materials |
| 4 | Residue from some surface water treatment processes | 14 | Seawater influence |
| 5 | Water additive that promotes strong teeth | 15 | Industrial wastes |
| 6 | Discharge from fertilizer and aluminum factories | 16 | Substances that form ions when in water |
| 7 | Runoff and leaching from fertilizer use | 17 | Internal corrosion of household plumbing systems |
| 8 | Leaching from septic tanks and sewage | 18 | Leaching from wood preservatives |
| 9 | By-product of drinking water disinfection | 19 | Discharges from industrial manufacturers |
| 10 | Various natural and man-made sources | 20 | Drinking water disinfectant added for treatment |

Abbreviations

°C	Degrees Celsius	pCi/L	picocurie per liter
CCR	Consumer Confidence Report	ppt	parts per trillion
CU	Color unit	ppb	parts per billion (micrograms per liter)
cysts/L	Cysts per liter	ppm	parts per million (milligrams per liter)
DDW	Division of Drinking Water	µS/cm	microSiemens per centimeter
NA	Not applicable	% pos	% positive
ND	Not detected	RAA	Running annual average
NS	No standard	SFPUC	San Francisco Public Utilities Commission
NTU	Nephelometric turbidity unit	TOC	Total organic carbon
NL	Notification Level	TON	Threshold odor number
ORL	Other Regulatory Level	USEPA	United States Environmental Protection Agency



Water Supply Map

The City serves SFPUC source water to the area south of Calaveras Blvd and east of I-680, as well as north of Calaveras Blvd and east of I-880. Valley Water service areas are west of I-880, as well as south of Calaveras Blvd and west of I-680. Refer to the Water Supply Map to the left to see where your water comes from.



PRIMARY DRINKING WATER STANDARDS (PUBLIC HEALTH RELATED STANDARDS)

PARAMETER	Unit	MCL, (AL), or [MRDL]	PHG, (MCLG), or [MRDLG]	Distribution System		Valley Water _b		SFPUC		Typical
				Average	Range	Average	Range	Average	Range	Sources*

SOURCE WATER SAMPLING

INORGANIC CHEMICALS

Aluminum	ppm	1	0.6			ND	ND	ND	ND	3, 4
Bromate	ppb	10	0.1			ND	ND - 2.6	1.3	ND - 1.7	9
Fluoride	ppm	2	1			0.8	0.2 - 0.9	0.6	0.4 - 2.6	3, 5, 6
Nitrate (as Nitrogen)	ppm	10	10			0.9	ND - 1.4	ND	ND - 0.6	3, 7, 8
Nitrate + Nitrite (as N)	ppm	10	10			ND	ND	ND	ND	3, 7, 8

DISINFECTION BYPRODUCT PRECURSOR

TOC (precursor control)	ppm	TT	NA			1.7	1.3 - 2.6	1.5	1.2 - 1.8	10
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MICROBIOLOGICAL

Giardia Lamblia	cysts/L	TT	(0)			ND	ND	0.03	0 - 0.13	1
Turbidity	NTU	TT _a	NA			0.24	100%	0.2 _c	100% _d	2

RADIOACTIVE CONTAMINANTS

Gross Alpha Particle Activity	pCi/L	15	0			3.3	3.3	ND	ND	3
Uranium	pCi/L	20	0.43			1.3 _e	1.3 _e	ND	ND	3

DISTRIBUTION SYSTEM SAMPLING

LEAD AND COPPER RULE STUDY (MILPITAS 2023 AT-THE-TAP SAMPLING)

				90th Percentile		# of Samples Above AL			
Lead	ppb	(15)	0.2	1.7		0 out of 35		3, 17, 19	
Copper	ppm	(1.3)	0.3	0.062		0 out of 35		3, 17, 18	

DISINFECTION RESIDUALS AND BYPRODUCTS

				Highest Location RAA		Range			
Disinfectant Residual as Chlorine	ppm	[4]	[4]	2.78		2.43 – 2.91		20	
Total Trihalomethanes	ppb	80	NA	57.5		22.0 – 60.0		9	
Haloacetic Acids (HAA5)	ppb	60	NA	45.3		13.0 – 60.0		9	

MICROBIOLOGICAL

				Average		Range			
Total Coliform Bacteria	% pos / month	5.0%	(0)	0.3%		0% - 3.57%		1	

SECONDARY DRINKING WATER STANDARDS (AESTHETIC STANDARDS)

PARAMETER	Unit	MCL	Average	Range	Average	Range	Average	Range	Sources*
Aluminum	ppb	200			ND	ND	ND	ND - 82	3, 4
Chloride	ppm	500			45	12 - 64	8.7	<3 - 17	11, 12, 14
Color	CU	15			3.5	1 - 5	<5	<5 - 5	13
Iron	ppb	300			ND	ND	19	<6 - 42	12
Manganese	ppb	50			6	ND - 10	2.6	<2 - 4.6	12
Odor — Threshold	TON	3	ND	ND - 2	1.7	1.4 - 20	ND	ND	13
Specific Conductance	μS/cm	1600			401.5	200 - 512	175	32 - 289	14, 16
Sulfate	ppm	500			55.5	37 - 71	17	1.2 - 36	11, 12, 15
Total Dissolved Solids	ppm	1000			232.5	118 - 294	84	<20 - 153	11, 12
Turbidity	NTU	5	0.26	ND - 1.8	0.035	0.1 - 0.26	0.3	0.1 - 0.6	2

Notes

a. For unfiltered water, the MCL is 5.0 NTU. For filtered water, the MCL is ≤0.3 NTU 95% of the time.

b. Water system was fed by Santa Teresa and Penitencia Water Treatment Plants.

c. Maximum value measured.

d. Percent of time turbidity was maintained at or below 0.3 NTU.

e. Radioactive monitoring is conducted every nine years. Uranium was detected in San Luis Reservoir in 2013

UNREGULATED PARAMETERS FOR UCMR 4 (YEAR 2019-2020)								
PARAMETER	Unit	NL	Average		Range			
Haloacetic Acids (HAA5)	ppb	NA	30.1		14 - 47			
HAA6Br	ppb	NA	3.44		0.38 - 15			
HAA9	ppb	NA	33.29		22 - 47			
Butylated Hydroxyanisole	ppb	0.03	0.035		ND - 0.035			
Quinoline	ppb	0.02	0.028		ND - 0.028			
Manganese	ppb	0.4	6.4		1.8 - 17			
OTHER WATER QUALITY PARAMETERS								
PARAMETER	Unit	ORL	Average	Range	Average	Range	Average	Range
Boron	ppb	1000 (NL)	8.3	7.54 - 9.81	151	ND - 168	40	22 - 65
Bromide	ppb	NA			ND	ND	ND	ND
Calcium (as Ca)	ppm	NA			19	9 - 25	13	2.9 - 24
Chlorate	ppb	800 (NL)			148.5	72 - 265	141	30 - 749
Chromium (VI)	ppb	N/A			ND	ND	0.23	0.11 - 0.35
Hardness (as Calcium Carbonate)	ppm	NA			88	37 - 117	46	7.5 - 86
Magnesium	ppm	NA			9.5	4 - 13	4.7	0.2 - 8.4
pH	–	NA			7.8	7.5 - 8	9.2	8.4 - 9.8
Phosphate (ortho)	ppm	NA			ND	ND	ND	ND
Potassium	ppm	NA			3	1.4 - 4.2	1	0.3 - 1.7
Silica	ppm	NA			13	10 - 15	6.2	4.4 - 9.4
Sodium	ppm	NA			24.5	21 - 57	14	2.7 - 20
Strontium	ppb	NA			ND	ND	139	14 - 331
Total Alkalinity (as Calcium Carbonate)	ppm	NA			60.5	35 - 64	46	3.1 - 103
Vanadium	ppb	50 (NL)			2	1 - 3	ND	ND

In 2023, The City of Milpitas collected over 2,000 drinking water samples to be analyzed by State-certified laboratories. The water supplied in Milpitas met all USEPA and State drinking water health standards in 2023, as shown in the table above, which lists all drinking water constituents that were detected during the 2023 calendar year. A full list of tested constituents is available upon request.

Unless otherwise noted, the data presented in this table reflects testing completed between January 1 and December 31, 2023. Some data, although representative, were collected prior to 2023, as the State Board requires monitoring for some constituents less frequently. The concentrations of these constituents do not vary frequently or significantly.

What is the current state of drought in Milpitas?

Milpitas, along with the rest of California, has experienced three years of severe drought. However, due to increased rains and snowstorms in early 2022, the State's water supply conditions have improved. To align with the State and the City's wholesale water suppliers, the Milpitas City Council approved a resolution to rescind its Level 2 Drought Emergency. While the City's water supply conditions have improved, it is crucial that we continue to practice Water Conservation as a Milpitas Way of Life. Here is how you can conserve water:

- Only water outdoors on the four designated days in the watering schedule below:
 - o Odd number addresses: Monday, Wednesday, Thursday, and Saturday
 - o Even number addresses: Tuesday, Thursday, Friday and Sunday
 - o Without Street Number: Monday, Tuesday, Thursday, and Sunday
- If using sprinkler systems, keep watering between the hours of 6 PM and 9 AM.
- Don't let water run into streets or gutters. Watering that results in flooding or runoff in gutters, sidewalks, driveways, or streets is prohibited.
- For watering landscapes and washing vehicles, always use a hose equipped with a shutoff nozzle which shuts off automatically when the handle is released.
- Fix leaks as soon as possible. Do not use broken or defective plumbing, sprinkler, watering, or irrigation systems.



Resources & Rebate Programs

The City of Milpitas and Valley Water are offering resources and rebate programs to help residents and businesses save water, including rebates for rainwater capture systems, graywater laundry-to-landscape systems, drought tolerant landscape conversions, and more! Visit <https://www.milpitas.gov/935/Water-Conservation> for additional information and access to all available rebate programs.



MyMilpitas App

To learn more about Water Conservation or to report Water Waste Violations, call (408) 586-2666 or report online using the MyMilpitas App. Download the MyMilpitas App on your mobile device via the Apple or Google Play store. Scan the QR code below for more information regarding the MyMilpitas App or visit our webpage at: <https://www.milpitas.gov/1067/Services>



Littering is Throwing It All Away

Because we live in a watershed, litter in our community makes a very big impact. A watershed is a land area that drains water into a creek, river, lake, wetland, bay or groundwater aquifer. In the Santa Clara Valley, the water from rain and irrigation (called runoff) that goes into storm drains and creeks does not get treated so everything, including the litter and debris, flows directly into the San Francisco Bay.

Nearly 80 percent of the debris found in our watersheds, creeks, shorelines, and the South San Francisco Bay is washed, blown or dumped by people residing in the vicinity of the watershed. One piece of litter can end up miles from where it was improperly discarded, polluting our waterways and causing a threat to wildlife. The primary sources of litter are: pedestrians, motorists, trucks with uncovered loads, household trash handling and its placement at the curb, loading docks, and demolition sites.



You Can Make a Difference

- When you see litter, please pick it up and dispose of it properly
- Make sure your trash can lid is securely closed
- Practice Pack-It-In, Pack-It-Out when you are engaged in outdoor activities. Always bring a bag for trash when hiking, camping, picnicking, or visiting communal park spaces
- If you own a business, check your dumpster on a regular basis, keep it locked, and protect it from illegal dumping
- Report illegal dumping to our Public Works Department using the MyMilpitas App
- Contact the Santa Clara County Recycling Hotline with any recycling-based questions that you may have. They can be reached by calling (800) 533-8414 or through their website at <https://www.recyclestuff.us>
- Dispose of your hazardous waste properly through Santa Clara County's HHW program. Make an appointment by calling (408) 299-7300 or on their website at <https://hhw.sccgov.org/home>
- For solid waste and street sweeping services, call Milpitas Sanitation at (408) 988-4500

WaterSmart

All water meters in Milpitas are smart! To better protect our system and customers from water leaks and to bill more accurately, Milpitas replaced old water meters with smart water meters that can allow you to see a more detailed view of your water use and help you save water.

Sign up for WaterSmart, the City's free customer water portal, to get a better understanding of when and where you use water. WaterSmart connects to your smart water meter to provide near real time water use information so you can look for patterns in your water use history, identify if you have a possible leak, and compare your water use to similar properties. You can even use WaterSmart to get alerts about potential leaks, high water bills, or unusual water usage.

Maximize your water savings today! Register for your free WaterSmart account at <https://milpitas.watersmart.com/index.php/welcome/> or scan the QR code to the right. If you need assistance, please call (408) 586-2666.

SIGN UP TO START SAVING!



WaterSmart can help you reduce your water use, prevent water waste, and cut down on your water bill!



Frequently Asked Questions

Why is my water brown or not clear?

Stagnant water sitting in aging plumbing may become brown. This should clear up once sitting water is flushed out from the pipes and replaced with fresh water. Brown water could also be from blocked or clogged sink fixture aerators. Aerators are located at the end of a fixture and can be removed and flushed to clear any debris. Once flushed, hand-tighten to reassemble.

Is there fluoride in the water?

The City receives fluoridated water from SFPUC and Valley Water. SFPUC has been fluoridating water since 1995 while Valley Water began fluoridation in December of 2016.

Why has my water pressure dropped suddenly?

Depending on your location, you could receive water pressure between 40 to 140 psi. Water pressure could have dropped for a variety of reasons. If your water pressure drops unexpectedly please call Milpitas Public Works Dept at (408) 586-2600. You can also check for clogged strainers and proper operation of any pressure regulators.

What Else Should I Know?

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the USEPA Safe Drinking Water Hotline. Call 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 individuals should seek advice from their health care providers.

USEPA/Centers for Disease Control guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbial contaminants are available from the USEPA Safe Drinking Water Hotline. Call 1 (800) 426-4791

How can I treat my drinking water after a disaster?

If you run out of stored drinking water, strain and treat water from your water heater or toilet reservoir tank (except if you use toilet tank cleaners.) You cannot drink swimming pool or spa water, but it can be used for flushing toilets or washing.

- Strain large particles by pouring water through a couple of layers of paper towels or clean cloth. Purify the water by:
- Boiling. Bring to a rolling boil and maintain for 3-5 minutes. To improve the taste, pour it back and forth between two clean containers to add oxygen back into the water.
- Disinfecting. If the water is clear, add 8 drops of bleach per gallon of water. If it is cloudy, add 16 drops. Shake or stir, then let stand for 30 minutes. A slight chlorine taste and smell is to be expected.

How can I prepare for an emergency?

In a disaster or emergency situation, water supplies may be cut off or contaminated. Store enough water to supply everyone in your family for at least 3-5 days. For general drinking purposes, store one gallon of water, per person, per day, and three gallons of water, per person, per day for limited cooking and personal hygiene use. If you store tap water, use food grade plastic containers. Replace water at least once every six months. If you buy bottled "spring" or "drinking" water, keep it in its original container. Label bottles with their replacement date and store in a cool, dark place.

How to Get Involved

City Council meetings are typically held on the first and third Tuesday of every month at 7:00 pm in the City Hall Council Chambers located at 455 E. Calaveras Blvd. Prior to each meeting, Council meeting agendas can be found posted at City Hall and can also be downloaded from the City website at: <https://www.milpitas.gov/129/Agendas-Minutes>

You can also tune in to a live stream of our City Council meetings at: <https://www.milpitas.gov/live-streaming-virtual-meeting-council-planning-meeting/>