



2022 CONSUMER CONFIDENCE REPORT



IMPORTANT DRINKING WATER QUALITY INFORMATION FOR THE CITY OF ONTARIO

Ontario's annual water quality report takes you inside the world of your high-quality drinking water. This report is presented to help City of Ontario water customers understand where their tap water comes from, what it contains, and how it compares to standards set by regulatory agencies.

Safe and reliable drinking water supplies are necessary for public health, fire protection, economic development, and the overall quality of life.

Water-use efficiency is a California way of life. Businesses and residents are encouraged to use the drinking water supplies as efficiently as possible.

The Ontario Municipal Utilities Company is pleased to report that during the past year, water delivered to your home or business meets or surpassed all federal and state drinking water standards

Este informe contiene información muy importante sobre su agua para beber. Favor de comunicarse Ontario Municipal Utilities Company a (909) 395-2605 para asistirlo en español.

REGULATORY INFORMATION

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 U.S. Environmental Protection Agency's (U.S. EPA) Safe Drinking Water Hotline (1-800-426-4791).

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 byproducts 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 U.S. EPA and the State Water Resources Control Board (State Water Board) prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. The U.S. Food and Drug Administration regulations and California law also establish limits for contaminants in bottled water that provide the same protection for public health.

To ensure safe drinking water, public water systems must comply with federal and state drinking water standards. The Ontario Municipal Utilities Company (OMUC) and its trained, certified water quality professionals collect thousands of water samples that are delivered to a State certified laboratory for analysis. **We are pleased to report there were no water quality violations during 2022.**

The public is encouraged to participate on issues concerning the City's water. Meetings of the Ontario City Council are scheduled on the first and third Tuesday of each month beginning at 6:30pm at Ontario City Hall, 303 East "B" Street, Ontario, CA 91761. Check the City's website at <https://www.ontarioca.gov/calendar> or call (909) 395-2000 for more information.

Para garantizar agua potable segura, los sistemas públicos de agua deben cumplir con las normas federales y estatales de agua potable. El Municipal Utilities Company Ontario (OMUC) y sus capacitados, certificados profesionales de la calidad del agua recogen miles de muestras de agua que se entregan a un laboratorio certificado por el estado para su análisis. **Nos complace informar que no había violaciones de calidad del agua durante el año 2022.**

El público es alentado a participar en asuntos con respecto al agua de la Ciudad. Las reuniones del establecimiento de Ontario se programa el primer y tercer martes de cada mes a las 6:30 P.M., por la calle 303 "B" Street, Ontario. Para más información, vaya al Web site de la Ciudad <https://www.ontarioca.gov/calendar> o llame (909) 395-2000.



What You Should Know About...

Nitrate

Nitrate in drinking water at levels above 10 mg/L is a health risk for infants of less than six months of age. Such nitrate levels in drinking water can interfere with the capacity of the infant's blood to carry oxygen, resulting in a serious illness; symptoms include shortness of breath and blueness of the skin. Nitrate levels about 10 mg/L may also affect the ability of the blood to carry oxygen in other individuals, such as pregnant women and those with certain specific enzyme deficiencies. If you are caring for an infant, or you are pregnant, you should ask advice from your health care provider.

Lead

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 service lines and home plumbing. Ontario Municipal Utilities Company 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>.

Per- and Poly-fluoroalkyl Substances (PFASs)

Exposure to Per- and Poly-fluoroalkyl Substances (PFASs) through drinking water has become an increasing concern. PFASs are a large group of human-made substances that do not occur naturally in the environment and have been used extensively in consumer products designed to be waterproof, stain-resistant or non-stick. They are also used in fire-retarding foam and various industrial processes.

While PFASs do not yet have a drinking water standard set by the U.S. EPA, the State Water Board can recommend interim action for water providers by establishing Notification Levels and Response Levels. These levels are health-based advisories and can help water providers make informed decisions to remove drinking water sources from service.

Over the next year, the U.S. EPA will be establishing drinking water standards for 6 PFASs. To follow the regulatory process, visit the U.S. EPA's PFAS page at <https://www.epa.gov/pfas>.

Important Health Information

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. U.S. EPA/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).

Kidney Dialysis/Aquariums

Customers who have unique water-quality needs and who use specialized home treatments, such as kidney dialysis machines, should make the necessary adjustments to remove chloramines. Customers who have fish tanks in their homes or businesses should also take precautions to remove chloramines prior to adding water to tanks.

As part of our mission to provide our customers with drinking water of the highest quality, the City of Ontario is committed to continued monitoring, transparent public notification, and effective management of emerging water quality issues.

For more information, visit the City's Utilities' website at <https://www.ontarioca.gov/OMUC/Utilities>

Drinking Water Assessment

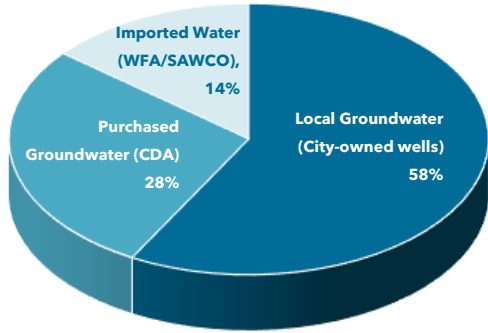
An assessment of the drinking water sources for OMUC was completed in May 2002 and reviewed by the State Board in 2019. The sources are considered most vulnerable to the following activities associated with contaminants detected in the water supply: high density house sewer collection systems; parks; golf courses; the application of fertilizers, pesticides, herbicides; metal plating, finishing and fabricating; wood pulp processing and paper mills; and recreational use of surface water sources.

A copy of the completed assessment is available at State Water Resources Control Board, Division of Drinking Water, Mojave District Office at 464 West 4th Street, Suite 437, San Bernardino, CA 92401. You may request a summary of the assessment be sent to you by contact the State Water Resources Control Board, Division of Drinking Water Mojave District Office at (909) 383-428 or OMUC at (909) 395-2605.

Ontario's Drinking Water Sources

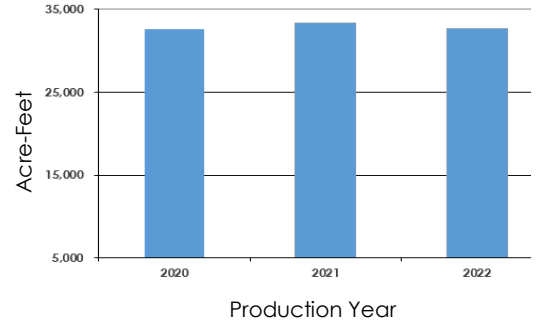
Ontario's water supplies are comprised of surface water and groundwater. OMUC purchases surface water from the State Water Project (via the Inland Empire Utilities Agency and supplied by the Metropolitan Water District of Southern California) treated locally by Water Facilities Authority (WFA) using conventional water treatment methods. Groundwater supplies consist of City-owned wells (local ground-water), San Antonio Water Company (SAWCO), and Chino Basin Desalter Authority (CDA) wells.

2022 Potable Water Sources

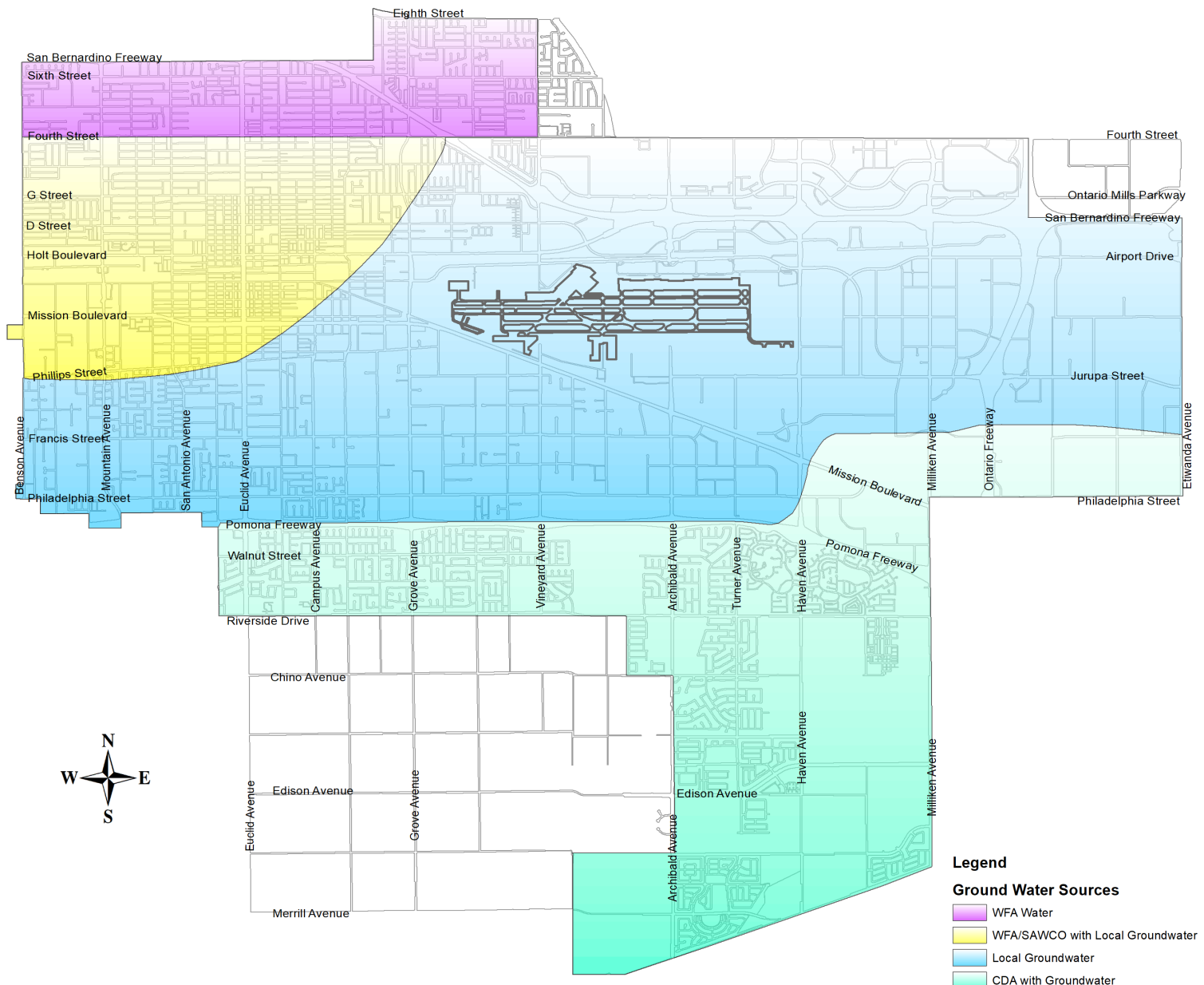


In 2022, OMUC collected over 20,300 potable water samples to test for more than 150 possible constituents

Potable Water Consumption



1 Acre Foot = 325,851 gallons



Abbreviations & Definitions

Abbreviations

AI	Aggressive Index	MRL	Minimum Reporting Level set by U.S. EPA for unregulated contaminant monitoring	ppq	parts per quadrillion or picograms per liter (pg/L)
AL	Action Level	NA	Not Applicable	ppt	parts per trillion or nanograms per liter (ng/L)
cfu/mL	Colony-forming units per milliliter	ND	Not Detected: sample was collected and constituent was not detected	RAA	Running Annual Average
DLR	Detection limits for the purpose of reporting: State determined level that a test can detect the constituent	NL	Notification Level	SI	Saturation Index
HPC	Heterotrophic Plate Count: a bacteriological test that counts the number of bacteria per milliliter of sample	NR	No Range: all results were the same value	TON	Threshold Odor Number
LRAA	Location Running Annual Average	NTU	Nephelometric Turbidity Units	TT	Treatment Technique
MCL	Maximum Contaminant Level	pCi/L	picoCuries per Liter	µS/cm	microSiemen per centimeter
MCLG	Maximum Contaminant Level Goal	PHG	Public Health Goal	Symbols	
MRDL	Maximum Residual Disinfectant Level	ppb	parts per billion or micrograms per liter (µg/L)	" = "	Equal
MRDLG	Maximum Residual Disinfectant Level Goal	ppm	parts per million or milligrams per liter (mg/L)	" > "	Greater than
				" < "	Less than
				" ≤ "	Less than or equal to
				" # "	Number
				" % "	Percent

One part per million (ppm) IS LIKE	One part per billion (ppb) IS LIKE	One part per trillion (ppt) IS LIKE	One part per quadrillion (ppq) IS LIKE
1 second in 11.5 days	1 second in nearly 32 years	1 second in nearly 32,000 years	1 second in nearly 32 million years
1 cup of water in an average swimming pool	1 drop of water in an average swimming pool	1 grain of salt in an Olympic size swimming pool	1 drop of ink in a medium-sized lake

Definitions

90th Percentile: The value in a data set in which 90 percent of the set is less than or equal to this value.

Disinfection Byproduct: Compounds which are formed from mixing of organic or mineral precursors in the water with ozone, chlorine or chloramine. Total Trihalomethanes (TTHM) and Haloacetic Acids (HAA) are disinfection byproducts.

Locational Running Annual Average (LRAA): The Running Annual Average (RAA) at one sample location.

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. EPA.

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 a 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): Notification levels are health-based advisory levels established by the State Board for chemicals in drinking water that lack Maximum Contaminant Levels (MCLs).

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

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

Running Annual Average (RAA): The yearly average which is calculated every 3 months using the previous 12 months' data.

Secondary Drinking Water Standard (Secondary Standard): MCLs for contaminants that do not affect health but are used to monitor the aesthetics of the water.

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

2022 Distribution System Data

CONSTITUENT	UNITS	MCL or [AL] or (MRDL)	PHG or [MCLG] or (MRDLG)	CA DLR or [MRL]	Average Range	OMUC's Entire Distribution System	Major Sources in Drinking Water
MICROBIOLOGICAL							
Heterotrophic Plate Count (HPC)	CFU/mL	TT	NA	[1]	Average Range	2.8 ND to 1,200	Naturally present in the environment
PHYSICAL PARAMETERS							
pH	pH Unit	6.5 - 8.5	NA	[1]	Average Range	7.9 6.8 to 8.5	Measurement of hydrogen ion activity
Turbidity	NTU	5	NA	0.1	Average Range	0.10 ND to 1.1	Soil runoff
DISINFECTION BY-PRODUCTS AND DISINFECTANT RESIDUALS							
Haloacetic Acids (HAA ₅)	ppb	LRAA = 60	NA	2.0*	Highest LRAA Range	6.0 ND to 11	Byproduct of drinking water disinfection
Total Trihalomethanes (TTHMs)	ppb	LRAA = 80	NA	1	Highest LRAA Range	54 ND to 46	Byproduct of drinking water disinfection
Total Chlorine Residual (chloramines & free chlorine)	ppm	(4)	(4)	NA	Average Range	1.0 ND to 2.0	Drinking water disinfectant added for treatment
METALS AT CONSUMER'S PLUMBING (2021)							
Copper	ppb	[1300]	300	50	NA	90th percentile: 160 ppb (0 exceeded AL / 55 samples)	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead	ppb	[15]	0.2	5	NA	90th percentile: ND (0 exceeded AL / 55 samples)	Internal corrosion of household plumbing systems; discharges from industrial manufacturers; erosion of natural deposits
4th UNREGULATED CONTAMINANT MONITORING RULE (2018-2020)							
Anatoxin-a	ppb	NA	NA	[0.03]	Average Range	ND NR	Cyanobacteria, formerly referred to as blue-green algae, are found naturally in lakes, rivers, ponds and other surface waters
Cylindrospermopsin	ppb	NA	NA	[0.09]	Average Range	ND NR	Cyanobacteria, formerly referred to as blue-green algae, are found naturally in lakes, rivers, ponds and other surface waters
Total Microcystins	ppb	NA	NA	[0.3]	Average Range	ND NR	Cyanobacteria, formerly referred to as blue-green algae, are found naturally in lakes, rivers, ponds and other surface waters
Manganese	ppb	NA	NA	[0.3]	Average Range	0.30 ND to 6.2	Naturally occurring element; commercially available in combination with other elements and minerals; used in steel production, fertilizer, batteries and fireworks; drinking water and wastewater treatment chemical; essential
1-butanol	ppb	NA	NA	[0.3]	Average Range	0.10 ND to 2.6	Used as a solvent, food additive and in production of other chemicals
Bromochloroacetic acid (BCAA)	ppb	NA	NA	[0.3]	Average Range	2.4 ND to 5.7	Byproduct of drinking water disinfection
Bromodichloroacetic acid (BDCAA)	ppb	NA	NA	[0.5]	Average Range	2.3 ND to 6.6	Byproduct of drinking water disinfection
Chlorodibromoacetic acid (CDBAA)	ppb	NA	NA	[0.3]	Average Range	2.0 ND to 4.3	Byproduct of drinking water disinfection
Tribromoacetic acid (TBAA)	ppb	NA	NA	[2.0]	Average Range	1.6 ND to 6.0	Byproduct of drinking water disinfection

*DLR = 1.0 ppb for each HAA₅ analyte except for monochloroacetic acid which has a DLR = 2.0ppb.

Unregulated contaminant monitoring helps USEPA and the State Water Resources Control Board to determine where certain contaminants occur and whether the contaminants need to be regulated.

The State allows us to monitor for some contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of our data, though representative, are more than one year old.

2022 Source Water Quality Data

CONSTITUENT	UNITS	MCL or [NL]	PHG or [MCLG]	CA DLR or [MRL]	Average Range	Local Ground Water	Imported Water (WFA w/ SAWCO)	Major Sources in Drinking Water
PRIMARY STANDARDS - Mandatory Health-Related Standards								
CLARITY								
Combined Filter Effluent Turbidity	NTU	TT = 1 NTU	NA	NA	Level Found	NA	0.17 Highest	Soil Runoff
	%	TT = 95% of samples ≤0.3 NTU					100% of samples ≤0.3 NTU	
RADIOACTIVITY								
Gross Alpha Particle Activity	pCi/L	15	[0]	3	Average Range	1.6 0.5 to 4.2	ND ND to 3.3	Erosion of natural deposits
INORGANIC CHEMICALS								
Aluminum	ppb	1000	600	50	Average Range	ND NR	55 38 to 63	Erosion of natural deposits; residue from some surface water treatment processes
Arsenic	ppb	10	0.004	2.0	Average Range	0.5 ND to 3.5	1.4 ND to 2.1	Erosion of natural deposits; runoff from orchards; glass and electronics production wastes
Fluoride (naturally-occurring)	ppm	2.0	1	0.1	Average Range	0.18 0.10 to 0.34	0.16 0.15 to 0.16	Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories
Nitrate (as Nitrogen)	ppm	10	10	0.4	Average Range	2.6 1.2 to 7.6	2.1 0.30 to 4.3	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Nitrate & Nitrite (as Nitrogen)	ppm	10	10	[0.2]	Average Range	3.0 1.2 to 7.6	2.1 0.30 to 4.3	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Perchlorate	ppb	6	1	4	Average Range	1.3 0.4 to 2.8	NA	Perchlorate is an inorganic chemical used in solid rocket propellant, fireworks, explosives, flares, matches, and a variety of industries. It usually gets into drinking water as a result of environmental contamination from historic aerospace or other industrial operations that used or use, store, or dispose of perchlorate and its salts
SECONDARY STANDARDS - Aesthetic Standards								
Aluminum	ppb	200	600	50	Average Range	ND NR	55 38 to 63	Erosion of natural deposits; residue from some surface water treatment processes
Chloride	ppm	500	NA	[1]	Average Range	7.9 4.6 to 15	69 62 to 81	Runoff/leaching from natural deposits; seawater influence
Odor Threshold	TON	3	NA	1	Average Range	ND NR	1.0 1.0 to 2.0	Naturally occurring organic materials
Specific Conductance	µS/cm	1600	NA	[1]	Average Range	331 290 to 440	505 480 to 550	Substances that form ions when in water; seawater influence
Sulfate	ppm	500	NA	0.5	Average Range	15 6.0 to 33	64 55 to 71	Runoff/leaching from natural deposits; industrial wastes
Total Dissolved Solids	ppm	1000	NA	NA	Average Range	208 160 to 240	283 270 to 300	Runoff/leaching from natural deposits
Turbidity	NTU	5	NA	[0.10]	Average Range	0.18 0.12 to 0.29	0.11 0.11 to 0.12	Soil runoff
OTHER PARAMETERS								
Alkalinity (Total)	ppm	NA	NA	[3]	Average Range	141 120 to 160	79 78 to 81	Naturally occurring carbonate; measures the water's ability to neutralize acid
Bicarbonate	ppm	NA	NA	[3]	Average Range	141 120 to 160	97 95 to 99	
Boron	ppb	[1000]	NA	100	Average Range	NA	160 NR	Naturally occurring element; Runoff/leaching from natural deposits and fertilizer use; industrial wastes
Calcium	ppm	NA	NA	[1]	Average Range	42 27 to 54	27 24 to 28	Naturally occurring mineral
Corrosivity (Aggressiveness Index)	AI	NA	NA	NA	Average Range	NA	12 NR	Elemental balance in water; affected by temperature, other factors
Corrosivity (Saturation Index)	SI	NA	NA	NA	Average Range	NA	0.15 0.12 to 0.18	Elemental balance in water; affected by temperature, other factors
Hardness as CaCO ₃ (Total)	ppm	NA	NA	[3]	Average Range	134 83 to 190	90 83 to 95	"Hardness" is the sum of polyvalent cations present in the water, generally magnesium and calcium. The cations are usually naturally occurring.
Magnesium	ppm	NA	NA	[1]	Average Range	7.3 3.5 to 13	5.7 4.4 to 6.9	Naturally occurring mineral
Potassium	ppm	NA	NA	[1]	Average Range	1.8 1.6 to 2.4	2.1 1.8 to 2.7	Naturally occurring mineral
Sodium	ppm	NA	NA	[1]	Average Range	21 15 to 37	62 60 to 66	Naturally occurring mineral; seawater influence
Total Organic Carbon	ppm	TT	NA	0.3	Average Range	NA	1.7 1.4 to 2.1	Various natural and man-made sources
Vanadium	ppb	[50]	NA	3.0	Average Range	NA	5.5 4.3 to 7.5	Various natural and man-made sources

2022 Source Water Quality Data

CONSTITUENT	UNITS	MCL or [NL]	PHG or [MCLG]	CA DLR or [MRL]	Average Range	Ion Exchange Plant (870 Zone)	CDA 1 (870 Zone)	CDA 2 (1110 Zone)	Major Sources in Drinking Water
PRIMARY STANDARDS - Mandatory Health-Related Standards									
<i>ORGANIC CHEMICALS</i>									
Dibromochloropropane	ppt	200	1.7	10	Average Range	NA	ND NR	ND ND to 14	Banned nematicide that may still be present in soils due to runoff/leaching from former use on soybeans, cotton, vineyards, tomatoes, and tree fruit
<i>RADIOACTIVITY</i>									
Gross Alpha Particle Activity	pCi/L	15	[0]	3	Average Range	ND ND to 5.5	ND NR	ND NR	Erosion of natural deposits
<i>INORGANIC CHEMICALS</i>									
Arsenic	ppb	10	0.004	2.0	Average Range	ND ND to 2.6	ND NR	ND ND to 2.6	Erosion of natural deposits; runoff from orchards; glass and electronics production wastes
Fluoride (Naturally occurring)	ppm	2	1	0.1	Average Range	ND ND to 0.10	ND NR	ND ND to 0.16	Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories
Nitrate (as Nitrogen)	ppm	10	10	0.4	Average Range	5.3 4.6 to 6.3	2.7 1.5 to 3.6	5.1 4.1 to 6.0	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Perchlorate	ppb	6	1	4	Average Range	ND ND to 2.0	ND NR	ND ND to 2.0	Perchlorate is an inorganic chemical used in solid rocket propellant, fireworks, explosives, flares, matches, and a variety of industries. It usually gets into drinking water as a result of environmental contamination from historic aerospace or other industrial operations that used or use, store, or dispose of perchlorate and its salts
SECONDARY STANDARDS - Aesthetic Standards									
Chloride	ppm	500	NA	[1]	Average Range	77 51 to 170	105 89 to 120	57 12 to 62	Runoff/leaching from natural deposits; seawater influence
Specific Conductance	µS/cm	1600	NA	[1]	Average Range	437 360 to 800	517 320 to 560	363 320 to 380	Substances that form ions when in water; seawater influence
Sulfate	ppm	500	NA	0.5	Average Range	8.8 7.3 to 16	1.2 0.5 to 1.4	7.7 7.3 to 14	Runoff/leaching from natural deposits; industrial wastes
Total Dissolved Solids	ppm	1000	NA	NA	Average Range	317 220 to 650	398 220 to 460	251 220 to 280	Runoff/leaching from natural deposits
Turbidity	NTU	5	NA	[0.10]	Average Range	ND ND to 0.69	ND ND to 0.24	ND ND to 0.65	Soil runoff
OTHER PARAMETERS									
1,4-Dioxane	ppb	[1]	NA	[0.07]	Average Range	0.21 NR	ND NR	0.10 0.09 to 0.19	
Alkalinity (Total)	ppm	NA	NA	[3]	Average Range	103 81 to 170	162 48 to 230	92 81 to 160	Naturally occurring carbonate; measures the water's ability to neutralize acid
Calcium	ppm	NA	NA	[1]	Average Range	52 37 to 110	56 31 to 62	41 37 to 45	Naturally occurring mineral
Hardness as CaCO ₃ (Total)	ppm	NA	NA	[3]	Average Range	164 120 to 320	194 110 to 450	132 120 to 150	Naturally occurring mineral; the sum of calcium and magnesium present in water
Hexavalent Chromium	ppb	**	0.02	[1]	Average Range	ND NR	ND NR	ND ND to 4.0	Discharge from electroplating factories, leather tanneries, wood preservation, chemical synthesis, refractory production, and textile manufacturing facilities; erosion of natural deposits
Magnesium	ppm	NA	NA	[1]	Average Range	8.1 7.0 to 11	13 6.8 to 14	7.4 5.5 to 7.9	Naturally occurring mineral
pH	pH units	NA	NA	[1]	Average Range	8.0 7.6 to 8.0	7.8 7.3 to 8.0	8.0 7.9 to 8.0	Measurement of hydrogen ion activity
Potassium	ppm	NA	NA	[1]	Average Range	1.5 1.1 to 3.1	1.2 1.0 to 1.3	1.2 1.1 to 1.8	Naturally occurring mineral
Sodium	ppm	NA	NA	[1]	Average Range	27 22 to 44	30 24 to 32	24 22 to 25	Naturally occurring mineral; seawater influence
Total Organic Carbon (TOC)	ppm	TT	NA	0.3	Average Range	NA	0.77 NR	NA	Various natural and man-made sources
Total Silica	ppm	NA	NA	NA	Average Range	18 NR	9.4 7.7 to 11	15 12 to 25	

** There is currently no MCL for hexavalent chromium. The previous MCL of 10 ppb was withdrawn on September 11, 2017. OMUC will continue to monitor this constituent.

Water Conservation

Programs



Irrigation Tune Up Program

Residents can get a no-cost irrigation tune up. The tune up includes basic repairs to irrigation systems such as replacing valves and sprinkler heads.



Smart Controller Upgrade

Residents can get a free weather-based irrigation controller to automatically adjust watering schedules based on weather conditions.



SoCal Water Smart Rebates

Residents and businesses can receive rebates for replacing turf with drought tolerant plants and purchasing high-efficiency products, such as clothes washers and toilets. To learn more, visit www.socalwatersmart.com.



Sprinkler Checkup Program

Commercial and residential customer can receive a free outdoor water use evaluation from the Waterwise Community Center. For more information, please visit www.cbwcd.org.

Tips to reduce usage



Install High-Efficiency Toilets

Saves up to 19 Gallons Per Person Each Day



Check your sprinkler system for leaks, overspray and broken sprinkler heads, & repair promptly

Saves up to 500 Gallons Per Week



Use a broom instead of a hose to clean driveways & sidewalks

Save up to 150 Gallons Each Time



Install a smart sprinkler controller that adjust watering based on weather, soil type, amount of shade & plants

Saves up to 40 Gallons Per Day



Wash only full loads of laundry & dishes

Saves up to 50 Gallons Per Week



Fix household leaks promptly

Save up to 20 Gallons Per Day



Take 5-minute showers

Saves up to 8 Gallons Each Time



Turn off the water while brushing teeth

Saves up to 2.5 Gallons Per Minute

For more information, please visit www.ontariowaterwise.org.

waterwise@ontarioca.gov or (909) 395-2614

City Officials

Mayor

Paul S. Leon

Mayor pro Tem

Debra Porada

Council Members

Alan D. Wapner

Jim W. Bowman

Ruben Valencia

City Manager

Scott Ochoa

Utilities General Manager

Scott Burton

