



CITY OF SIERRA MADRE 2023 CONSUMER

CONFIDENCE REPORT

INTRODUCTION

The City of Sierra Madre is committed to keeping you informed about the quality of your drinking water. This report is provided to you annually and includes information about where your drinking water comes from, the constituents found in your drinking water and how the water quality compares with the regulatory standards. We remain dedicated to providing you with a reliable supply of high quality drinking water.

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.

Our City Council meets on the second and fourth Tuesday of each month (except holidays) at 5:30 p.m. in the City Council Chambers located in City Hall at 232 W. Sierra Madre Blvd., Sierra Madre, California 91024. Please feel free to participate in these meetings.

WHERE DOES MY DRINKING WATER COME FROM?

During calendar year 2023, the water supply for the City of Sierra Madre came from one source: (1) groundwater from wells in the East Raymond Basin. All water is treated with chlorine disinfection before it is delivered to your home.

WHAT ARE WATER QUALITY STANDARDS?

In order to ensure that tap water is safe to drink, the United States Environmental Protection Agency (USEPA) and State Water Resources Control Board, Division of Drinking Water (DDW) 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. Drinking water standards established by USEPA and DDW are limits for substances that may affect consumer health or aesthetic qualities of drinking water. The chart in this report shows the following types of water quality standards:

- 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.
- 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.
- Secondary MCLs** are set to protect the odor, taste, and appearance of drinking water.
- Primary Drinking Water Standard:** MCLs and MRDLs for contaminants that affect health along with their monitoring and reporting requirements, and water treatment requirements.
- Regulatory Action Level (AL):** The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.
- Notification Level (NL):** An advisory level which, if exceeded, requires the drinking water system to notify the governing body of the local agency in which users of the drinking water reside (i.e. city council, board of directors, and county board of supervisors)

- Treatment Technique:** A required process intended to reduce the level of a contaminant in drinking water.

WHAT IS A WATER QUALITY GOAL?

In addition to mandatory water quality standards, USEPA and DDW have set voluntary water quality goals for some contaminants. Water quality goals are often set at such low levels that they are not achievable in practice and are not directly measurable. Nevertheless, these goals provide useful guideposts and direction for water management practices. The chart in this report includes three types of water quality goals:

- 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 Goal (MRDLG):** The level of a disinfectant to control microbial contaminants.
- 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.

WHAT CONTAMINANTS MAY BE PRESENT IN SOURCES OF DRINKING WATER?

The sources of drinking water generally 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, which may come from sewage treatment plants, septic systems, agricultural livestock operations and wildlife.
- Inorganic contaminants,** such as salts and metals, which 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. Radioactive contaminants that can be naturally-occurring or can be the result of oil and gas production and mining activities.
- Organic chemical contaminants,** including synthetic and volatile organic chemicals that are byproducts of industrial processes and petroleum production, and can also come from gasoline stations, urban stormwater runoff, agriculture application and septic systems.

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's Safe Drinking Water Hotline (1-800-426-4791). Your drinking water is regularly tested using DDW approved methods to ensure its safety. The table in this report lists all the constituents detected in your drinking water that have Federal and State drinking water standards. Detected unregulated constituents and other constituents of interest are also included.

ARE THERE ANY PRECAUTIONS THE PUBLIC SHOULD CONSIDER?

Some people may be more vulnerable to contaminants in drinking

Why Conserve?

The City of Sierra Madre continues to meet our community's water demands. While our 2020 Urban Water Management Plan found that we can meet the City's water demands to withstand five continuous years of drought conditions, conservation is the most efficient and least expensive means for our community to preserve our water supply in the long-term. Having learned from the previous 2012-2016 drought, we hope to encourage our residents to recognize water conservation as a way of life in Southern California.

Water Conservation

For more information on water conservation please visit the City's website at www.cityofsierramadre.com and the San Gabriel Valley Municipal Water District's website at www.sgvwmwd.org, there you will find water conservation tips, rebate information, and links to other water conservation assistance. Feel free to contact the Utilities Department at 626-355-7135 should you have any questions.

GET INVOLVED

Our City Council meets on the second and fourth Tuesday of each month (except holidays) at 5:30 p.m. in the City Council Chambers located in City Hall at 232 W. Sierra Madre Blvd., Sierra Madre, California 91024. Please feel free to participate in these meetings.



City of Sierra Madre
232 W. Sierra Madre Blvd.
Sierra Madre, CA 91024

QUESTIONS?

For more information or questions regarding this report, please contact Steven McGee at (626) 355-7135 ext 818.

Este informe contiene información muy importante sobre su agua potable. Para más información ó traducción, favor de contactar a Steven McGee. En: (626) 355-7135 ext 818

此份有關你的食水報告,內有重要資料和訊息,請找他人為你翻譯及解釋清楚。

POSTAL CUSTOMER

PRSRT STD
U.S. POSTAGE
PAID
PERMIT NO. 800
GOLDSTREET
97301
ECRWSS

DEAR RESIDENTS,

The City's Automated Meter Infrastructure (AMI) Customer Portal is ready to help you save on your water bill. You can now track water consumption on the City's AMI Customer Portal. Please visit <https://my-madre.sensus-analytics.com/login.html#/> sign in to create an account. The customer portal will allow you to view water consumption and set custom notifications in the event of high water use or leak conditions. For more information, please contact the Utilities Department at (626)264-8614.



Use QR Code to create an account on the customer portal.



The City of Sierra Madre is committed to keeping you informed about the quality of your drinking water. This report is provided to you annually and includes information about where your drinking water comes from, the constituents found in your drinking water and how the water quality compares with the regulatory standards. We remain dedicated to providing you with a reliable supply of high quality drinking water.

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.

2023 CITY OF SIERRA MADRE GROUNDWATER QUALITY [1]

Chemical	MCL	PHG or (MCLG)	Average Amount	Range of Detections	MCL Violations?	Most Recent Testing	Next Scheduled Testing	Typical Source of Contaminant
PRIMARY DRINKING WATER STANDARDS--HEALTH-RELATED STANDARDS								
Inorganic Chemicals								
Aluminum (ppm)	1	0.6	<0.05	ND - 0.088	No	2023	2026	Erosion of natural deposits
Fluoride (ppm)	2	1	0.74	0.69 - 0.83	No	2023	2026	Erosion of natural deposits
Nitrate as N (ppm)	10	10	1.7	1.1 - 2.2	No	Quarterly	--	Fertilizers, septic tanks
Radiologicals								
Uranium (pCi/L)	20	0.43	<1	ND - 1.3	No	2021	2027	Erosion of natural deposits
Secondary Standards [2]								
Aluminum (ppb)	200	600	<50	ND - 88	No	2023	2026	Erosion of natural deposits
Chloride (ppm)	500	n/a	53	43 - 67	No	2023	2026	Erosion of natural deposits
Iron (ppb)	300	n/a	120	ND - 280	No	2023	2026	Runoff/leaching from natural deposits
Specific Conductance (µmho/cm)	1,600	n/a	650	600 - 730	No	2023	2026	Substances that form ions in water
Sulfate (ppm)	500	n/a	120	92 - 150	No	2023	2026	Erosion of natural deposits
Total Dissolved Solids (ppm)	1,000	n/a	400	220 - 490	No	2023	2024	Erosion of natural deposits
Turbidity (NTU)	5	n/a	0.38	0.15 - 0.60	No	2023	2026	Erosion of natural deposits
Unregulated Chemicals								
Alkalinity, total as CaCO3 (ppm)	Not Regulated	n/a	150	140 - 160	n/a	2023	2026	Run off / leaching from natural deposits
Calcium (ppm)	Not Regulated	n/a	67	60 - 79	n/a	2023	2026	Run off / leaching from natural deposits
Hardness, total as CaCO3 (ppm)	Not Regulated	n/a	240	210 - 280	n/a	2023	2026	Erosion of natural deposits
Hardness, total (grains/gal)	Not Regulated	n/a	14	12 - 16	n/a	2023	2026	Erosion of natural deposits
Magnesium (ppm)	Not Regulated	n/a	17	11 - 20	n/a	2023	2026	Run off / leaching from natural deposits
pH (pH Units)	Not Regulated	n/a	7.4	7.3 - 7.7	n/a	2023	2026	Hydrogen ion concentration
Potassium (ppm)	Not Regulated	n/a	1.9	1.3 - 2.4	n/a	2023	2026	Run off / leaching from natural deposits
Sodium (ppm)	Not Regulated	n/a	40	36 - 43	n/a	2023	2026	Erosion of natural deposits
Total Organic Carbon (ppm)	TT [3]	n/a	0.38	ND - 0.47	n/a	Monthly	--	Naturally present in the groundwater

2022 CITY OF SIERRA MADRE UNREGULATED CHEMICALS REQUIRING MONITORING

Chemical	Notification Level	PHG or (MCLG)	Average Amount	Range of Detections	Most Recent Testing
Bromide (ppb)	n/a	n/a	54	54	2020
Total Organic Carbon (ppm)	n/a	n/a	0.88	0.88	2020

2022 CITY OF SIERRA MADRE DISTRIBUTION SYSTEM WATER QUALITY

Chemical	MCL or (MRDL)	PHG or (MRDLG)	Average Amount	Range of Detections	MCL Violations?	Most Recent Sampling Date	Typical Source of Contaminant
Haloacetic Acids (ppb)	60	n/a	0.5	ND - 1.0	No	Quarterly	Byproducts of chlorine disinfection
Total Trihalomethanes (ppb)	80	n/a	7.7	ND - 12	No	Quarterly	Byproducts of chlorine disinfection
Chlorine Residual (ppm)	(4)	(4)	0.66	0.21 - 1.1	No	Weekly	Drinking water disinfectant
Fluoride (ppm)	2	1	0.8	0.75 - 0.85	No	Quarterly	Erosion of natural deposits
Color (Color Units) [2]	15	n/a	0.1	ND - 5	No	Monthly	Naturally-occurring organic materials
Odor (threshold odor number) [2]	3	n/a	1	1	No	Monthly	Naturally present in the groundwater
Turbidity (NTU) [2]	5	n/a	0.21	ND - 1.2	No	Monthly	Erosion of natural deposits
At-The-Tap Lead and Copper Testing	Action Level	PHG	90th Percentile Value	Sites Exceeding Action Level	Action Level Violations?	Typical Source of Contaminant	
Copper (ppm)	1.3	0.3	0.31	0/31	No	Corrosion of household plumbing	
Lead (ppb)	15	0.2	5.5	1/31	No	Corrosion of household plumbing	

Every three years, at least 30 residences are tested for lead and copper at-the-tap. The most recent set of samples was collected in 2020. Lead was detected in one sample, which did not exceed the lead Action Level (AL). Copper was detected in 30 samples, none exceeded the copper AL. An AL is the concentration of a contaminant which, if exceeded in more than 10 percent of the samples, triggers treatment or other requirements that a water system must follow. The City of Sierra Madre complies with the Lead and Copper ALs. In 2020, no school submitted a request to be sampled for lead.

2022 CITY OF SIERRA MADRE UNREGULATED CHEMICALS REQUIRING MONITORING IN THE DISTRIBUTION SYSTEM

Chemical	Notification Level	PHG or (MCLG)	Average Amount	Range of Detections	Most Recent Testing
Haloacetic Acids (HAA5) (ppb)	n/a	n/a	1.5	1.2 - 1.8	2020
Haloacetic Acids (HAA6Br) (ppb)	n/a	n/a	1.8	1.4 - 2.1	2020
Haloacetic Acids (HAA9) (ppb)	n/a	n/a	2.5	2 - 3	2020



TABLE DEFINITIONS

MCL: Maximum Contaminant Level

MCLG: Maximum Contaminant Level Goal

MRDL: Maximum Residual Disinfectant Level;

MRDLG: Maximum Residual Disinfectant Level Goal

n/a: not applicable

ND: not detected

NTU: nephelometric turbidity units

PHG: California Public Health Goal

ppb: parts-per-billion

ppm: parts-per-million

TT: Treatment Technique;

µmho/cm: micromho per centimeter

pCi/L: picoCuries per liter

<: detected but average is less than the required reporting limit

[1] This table includes groundwater quality for water sampled at City of Sierra Madre’s wells. Results are from the most recent testing performed pursuant to state and federal drinking water regulations.

[2] Chemical is regulated by a secondary standard to maintain aesthetic qualities (taste, odor, color).

[3] A treatment technique is a required process intended to reduce the level of contaminants in drinking water that are difficult and sometimes impossible to measure directly.

