

FOR YOUR INFORMATION

We sincerely hope this annual report finds you in good health. Please stay safe!

Sunny Slope Water Company is committed to keeping you informed on the quality of your drinking water with this annual report describing where your drinking water comes from, the constituents found in your drinking water, and how the water quality compares with the regulatory standards. We are proud to report that during 2021, the drinking water provided by Sunny Slope Water Company met or surpassed all federal and state drinking water standards. We remain dedicated to providing you with a reliable supply of high-quality drinking water.

Sunny Slope Water Company's water supply comes from five (5) groundwater wells located within the Main San Gabriel Basin and the Raymond Basin. A portion of water from the Raymond Basin goes through the nitrate removal plant, after going through the Liquid-Phase Granular Activated Carbon (LGAC) filtration plant, which removes volatile organic compounds (VOCs). The water is then disinfected with 12.5% sodium hypochlorite before it is delivered to your location.

A Source Water Assessment was completed in December 2002. This assessment concluded that our water supply may be vulnerable to contaminants associated with the following activities or facilities: storage and transfer of pesticides / fertilizers / petroleum, application of pesticides / herbicides, high density of housing, septic systems and underground storage tanks, or utility stations' maintenance areas. A copy of the complete assessment is available at our office. You may request a summary of the assessment to be sent to you.

The office completed remodeling early 2022 and has re-opened to the public. We appreciate your patience and understanding as we worked remotely. Reservoir 1 rehabilitation is expected to be completed mid-2022. A friendly reminder that we have switched from bi-monthly billing to monthly. The COVID-19 Moratorium was lifted on December 31, 2021.

SSWC's Annual Shareholders Meeting is held on the third Monday of March at 10:00 A.M. Electronic proxies will be emailed asking for your participation. The meeting is held at 1040 El Campo Drive, Pasadena, California 91107. If you wish to attend, please call the office, or send us an e-mail for more information at least 24 hours in advance.

WATER CONSERVATION REMINDER

California continues to experience extremely dry conditions, and groundwater basins remain near historic low levels. CA is mandating stricter conservation practices to reduce overall water consumption by at least 20%. We understand water is necessary to stay safe during the pandemic, but please continue to be supportive with conservation efforts.

Please utilize our free WaterSmart portal at <https://sunnyslope.watersmart.com> to view your water consumption history, receive customized conservation tips, as well as copies of your bills.

You may now report water waste at our new water conservation email at conserve@sunnyslopedwatercompany.com. Please attach photos (if possible) as proof of water waste. You may also report water waste at <https://savewater.ca.gov/>.



WATER OVERVIEW

Underground water reservoirs are replenished when precipitation infiltrates the ground. Water running over the surface of the land or percolating through the ground dissolves naturally occurring minerals and can pick up substances resulting from the presence of animals or human activity. Although the earth naturally filters out most contaminants like a treatment plant, some pollutants may still seep through.



Potential contaminants in the water supply include:

- **Inorganic contaminants** (e.g., salts and metals) which may be naturally occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- **Microbial contaminants** (e.g., viruses and bacteria) which may come from sewage treatment plants, septic systems, agricultural livestock operations, or wildlife.
- **Nitrates and Nitrites**, which may be naturally occurring when nitrogen compounds or result from fertilizer runoff, improperly disposed waste, leaking septic systems, agricultural livestock operations, or wildlife.
- **Organic chemical contaminants**, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and which may also

come from gasoline stations, runoff, agricultural application, or septic systems.

- **Pesticides and herbicides**, which may come from a variety of sources such as agriculture, runoff, and residential uses.
- **Radioactive contaminants**, which may be naturally occurring or be the result of oil and gas production, or mining activities.

Drinking water (both tap and 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. Your water is regularly tested using SWRCB-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. More information about contaminants and potential health effects can be obtained by calling the USEPA's Safe Drinking Water Hotline (1-800-426-4791) or by visiting <https://www.epa.gov/aboutepa/epa-hotlines>.

WATER QUALITY STANDARDS/GOALS

The United States Environmental Protection Agency (USEPA) and the California State Water Resource Control Board (SWRCB) Drinking Water Program established standards under the Clean Water Act that limit the number of certain contaminants in water provided by public water systems. SWRCB regulations also establish limits for contaminants in bottled water that provide the same protection for public health.

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 MCL Standards* are set as close to the goal levels as is economically and technologically feasible to protect human welfare. *Secondary MCL Standards* are set to protect the aesthetic qualities (odor, taste, and appearance) of drinking water.
- **Maximum Residual Disinfectant Level (MRDL):** The highest level of a disinfectant allowed in drinking water to control microbial contaminants.
- **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, county board of supervisors).

In addition to the mandatory water quality standards, there are voluntary low-level water quality goals that are usually not achievable in practice and are not directly measurable. These goals provide useful guideposts and direction for water management practices. The three types of water quality goals:

- **Maximum Contaminant Level Goal (MCLG):** Set by the USEPA, the level of a contaminant in drinking water below which there is no known or expected risk to health.
- **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.

- **Public Health Goal (PHG):** Set by CAEPA (California EPA), the level of a contaminant in drinking water below which there is no known or expected risk to health.

SPECIAL HEALTH INFORMATION

Some people (persons who are immunocompromised, i.e. as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, elderly persons, or infants) may be more vulnerable to contaminants in drinking water than the general population and may be particularly at risk. These people should seek advice about drinking water from their health care providers. USEPA/Centers for Disease Control (CDC) guidelines to lessen the risk of infection by microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).

Nitrate in drinking water over the MCL 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 serious illness; symptoms include shortness of breath and blueness of the skin. High nitrate levels may also affect the ability of the blood to carry oxygen in other individuals, such as pregnant women and those with specific enzyme deficiencies. If you are caring for an infant, or you are pregnant, you should ask for advice from your healthcare provider.

Drinking water containing hexavalent chromium over the MCL over many years may have an increased risk of getting cancer.

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 or components associated with home plumbing. SSWC is responsible for providing high-quality drinking water but cannot control the variety of materials used in plumbing. If 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. More information is available from the Safe Drinking Water Hotline or at <https://www.epa.gov/ground-water-and-drinking-water/safe-drinking-water-information>.

LEAD SERVICE LINE INVENTORY

The EPA has finalized the Lead and Copper Rule Revisions in January 2021. Water systems will need to take inventory of materials of both water lines and customer service lines to determine if they contain lead (and if they need to be replaced). Sunny Slope does **NOT** use lead in our water mains. However, SSWC may need the customer’s help in determining the material type of your pipes, tubing, and fittings. We will send out more information at a later date.

Common Unit Measurements & Analogies

mg/L or ppm	µg/L or ppb	ng/L or ppt
3 drops in about 42 gallons	1 drop in about 14,000 gallons	10 drops in water-filled Rose Bowl
1 inch in about 16 miles	1 inch in about 16,000 miles	1 inch in about 16,000,000 miles
1 ounce in about 62,500 pounds	1 ounce in about 31,250 tons	1 ounce in about 31,250,000 tons



For your reference

QUESTIONS? COMMENTS?

For more information or questions regarding this report, please ask for Mr. Ken Tcheng, Mr. Troy Holland, or Ms. Carrie Chan.

SOME HELPFUL RESOURCES

- SWRCB <http://www.waterboards.ca.gov/>
- <https://www.epa.gov/aboutepa/epa-hotlines>
- <https://www.epa.gov/watersense>
- <https://socialwatersmart.com/en/residential/>
- <https://www.bewaterwise.com/>
- <https://upperdistrict.org/water-smart-workshops/>
- <https://saveourwater.com/>
- <https://www.ladpw.org/epd/sg/conservation.cfm>
- Groundwater Resources Association <https://www.grac.org/>

Este informe contiene información muy importante sobre su agua potable. Por favor llame para más información o traducción.

這份報告包含有關閣下飲用水水質的重要資訊，請找他人為你翻譯及解釋清楚。如果您有任何問題，或是須要更多資訊，請聯絡

4 drops of ink in one 55-gallon barrel of water (thoroughly mixed) makes an ink concentration of 1 ppm



SUNNY SLOPE WATER COMPANY 2021 DRINKING WATER QUALITY

(Results are from the most recent testing performed pursuant to state and federal drinking water monitoring regulations)

CONSTITUENT AND (UNITS)	MCL or [MRDL]	PHG (MCLG) or [MRDLG]	DLR	GROUNDWATER SOURCES		IN VIOLATION?	MOST RECENT TESTING	SAMPLE LOCATION	TYPICAL ORIGINS OF CONSTITUENT
				Results ^(a)	Range Minimum - Maximum				
Primary Drinking Water Standards (Health Related Concerns)									
DISINFECTANT AND DISINFECTION BY-PRODUCTS ^(b)									
Chlorine Residual (mg/L)	[4]	[4]	N/A	1.04	0.27 - 1.97	No	Tested Weekly	System	Drinking water disinfectant
Total Trihalomethanes (TTHM) (µg/L)	80	N/A	0.5	2.6	0.00 - 7.60	No	Tested Quarterly	System	By-product of drinking water chlorination
Haloacetic Acids (five) (HAA5) (µg/L)	60	N/A	0.5	0.44	0.00 - 3.50	No	Tested Quarterly	System	By-product of drinking water chlorination
MICROBIOLOGICAL									
Total Coliforms ^(c)	0%	(0)	(0)	ND	0.00%	No	Tested Weekly	System	Human/animal fecal waste
INORGANIC CHEMICALS									
Copper (Cu) (mg/L) ^(d)	AL = 1.3	0.3	0.05	0.45	ND - 0.87	No	2019	System	Corrosion of household plumbing system
Lead (Pb) (µg/L) ^(d)	AL = 15	0.2	5	ND	ND	No	2019	System	Corrosion of household plumbing system
Fluoride (F) (mg/L)	2	1	0.1	0.8	0.74 - 0.84	No	2021	Wells	Erosion of natural deposits
Nitrate (NO ₃) as Nitrogen (N) (mg/L)	10	10	0.4	3.83	2.2 - 5.2	No	Tested Weekly	System	Leaching from fertilizer use
Chromium, Hexavalent (Cr ⁺⁶) (µg/L)	(10)	0.2	1	7.78	6.30 - 10.0	No	Tested Monthly	System	Naturally present in the environment; industrial wastes
RADIOACTIVITY									
Gross Alpha Activity (pCi/L)	15	(0)	3	7.14	5.99 - 7.94	No	2021	Wells	Erosion of natural deposits
Combined Radium (pCi/L)	5	(0)	1	0.05	0.019 - 0.075	No	2016	Wells	Erosion of natural deposits
Uranium (U) (pCi/L)	20	0.43	1	6.3	6.3	No	2020	Wells	Erosion of natural deposits
Secondary Drinking Water Standards (Aesthetic Qualities, Not Health-Related) and Other Constituents of Interest									
GENERAL CHEMICAL ANALYSES									
Alkalinity as CaCO ₃ (mg/L)	N/A	N/A	N/A	140	140	No	2021	Wells	Runoff/leaching from natural deposits
Bicarbonate (HCO ₃) (mg/L)	N/A	N/A	N/A	180	180	No	2021	Wells	Runoff/leaching from natural deposits
Chloride (Cl-) (mg/L)	500	N/A	N/A	18	18	No	2021	Wells	Runoff/leaching from natural deposits
Specific Conductance (µmho/cm)	1,600	N/A	N/A	500	500	No	2021	Wells	Substances that form ions in water
pH (pH units) (Lab)	N/A	(6.5 - 8.5)	N/A	7.4	7.4	No	2021	Wells	Expresses a liquid's acidic (0 - 6.9) or basic (7.1 - 14) state
Sulfate (SO ₄ ²⁻) (mg/L)	500	N/A	0.5	50	50	No	2021	Wells	Runoff/leaching from natural deposits ; industrial wastes
Total Dissolved Solids (mg/L)	1,000	N/A	N/A	310	310	No	2021	Wells	Runoff/leaching from natural deposits
METALS									
Boron (B) (µg/L)	N/A	N/A	100	240	240	No	2021	Wells	Runoff/leaching from natural deposits
Calcium (Ca) (mg/L)	N/A	N/A	N/A	57	57	No	2021	Wells	Runoff/leaching from natural deposits
Magnesium (Mg) (mg/L)	N/A	N/A	N/A	16	16	No	2021	Wells	Runoff/leaching from natural deposits
Potassium (K) (mg/L)	N/A	N/A	N/A	1.7	1.7	No	2021	Wells	Runoff/leaching from natural deposits
Sodium (Na) (mg/L)	N/A	N/A	N/A	27	27	No	2021	Wells	Runoff/leaching from natural deposits
Zinc (Zn) (µg/L)	5,000	N/A	50	18	18	No	2021	Wells	Runoff/leaching from natural deposits ; industrial wastes
OTHER									
Hardness as CaCO ₃ (mg/L)	N/A	N/A	N/A	210.0	210	No	2021	Wells	Naturally affected by dissolved
Odor-Threshold (Units)	3	N/A	1	1.04	1.0 - 2.0	No	Tested Monthly	System	Naturally-occurring organic materials
Turbidity (NTU)	5	N/A	0.1	0.22	<0.1 - 0.29	No	Tested Monthly	System	Erosion of natural deposits/runoff
EXPLANATION									
mg/L = parts per million or milligrams per liter			AL = Action Level (concentration at which, if exceeded, triggers treatment or other measures)			DLR = Detection Limit for Purposes of Reporting			MCL = Maximum Contaminant Level
µg/L = parts per billion or micrograms per liter			NL = Notification Level			ND = Not Detected at DLR			MRDL = Maximum Residual Disinfectant Level
ng/L = parts per trillion or nanograms per liter			N/A = Not Applicable			< = detected but average is less than the indicated DLR			PHG = Public Health Goal
pCi/L = picoCuries per liter									MCLG = Maximum Contaminant Level Goal
µmho/cm = micromhos per centimeter									MRDLG = Maximum Residual Disinfectant Level Goal
NTU = Nephelometric Turbidity Units									
FOOTNOTES									
^(a) The results reported in the table are average concentrations of the constituents detected in your drinking water during 2021 or from the most recent tests, except for Chlorine Residual, TTHM, Total Coliforms, and Copper, which are described below.									
^(b) Samples were collected in the distribution system. The highest quarterly running annual average and the range of the individual results are presented.									
^(c) The result is the highest percentage of positive samples collected in a month during year 2021. Coliforms are bacteria used as an indicator that, if present, other potentially harmful bacteria may be present. No more than 5.0% of the monthly samples may be Total Coliform-positive; therefore, the MCL was not violated in 2021.									
^(d) Thirty (30) Lead and Copper Rule compliance samples were collected at representative residential taps in October 2019. The next set of Lead and Copper samples will be collected in 2022. Lead was not detected in any sample, and copper was detected in 16 samples in levels below the Action Level.									