



IMPORTANT CONTACT INFORMATION

CITY CONTACTS

City of Sunnyvale
456 West Olive Avenue
Sunnyvale, CA 94086
Tel: (408) 730-7415
TDD: (408) 730-7501
Fax: (408) 747-1139
www.sunnyvale.ca.gov

Hours of Operation:
8 am to 5 pm

Field Services (Leaks, Breaks, and Water Quality Questions)
(408) 730-7510

Utility Division (Billing)
(408) 730-7400, Residential
(408) 730-7681, Commercial

Backflow and Cross Connection Control Program
(408) 730-7574

Water Conservation Hotline (SCVWD)
(408) 265-2607, ext. 2554

WEB RESOURCES

California Department of Public Health
www.cdph.ca.gov

US Environmental Protection Agency
www.epa.gov/ogwdw

Department of Water Resources
www.dwr.water.ca.gov

Emergency Preparedness
www.ready.gov

Bay Area Water Supply and Conservation Agency
www.bawsca.org

American Water Works Association
www.awwa.com
www.DrinkTap.org

TO GET INVOLVED

To provide input on decisions that affect drinking water quality, you are welcome to speak on any issue specifically coming before the City Council at a regularly scheduled council meeting. You can also speak on any topic you wish to bring to the Council's attention during the "Citizens to be Heard" portion of the meeting agenda. Alternatively, you can send a letter in advance of a meeting.

City Council Meetings

City Hall Council Chambers
456 West Olive Avenue
Sunnyvale, California
Tuesdays, 7 pm

A list of City Council meetings, agenda items, and study issues can be obtained by calling the City Clerk's office at (408) 730-7483 or by visiting our website at www.sunnyvale.ca.gov.



HEALTH & EDUCATION 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 USEPA Safe Drinking Water Hotline.

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 from their health care providers.

USEPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the USEPA Safe Drinking Water Hotline.

USEPA Safe Drinking Water Hotline ►
(800) 426-4791

This report contains important information about your drinking water. Translate it, or speak with someone who understands it.

Este informe contiene información muy importante sobre su agua potable. Tradúzcalo o hable con alguien que lo entienda bien.

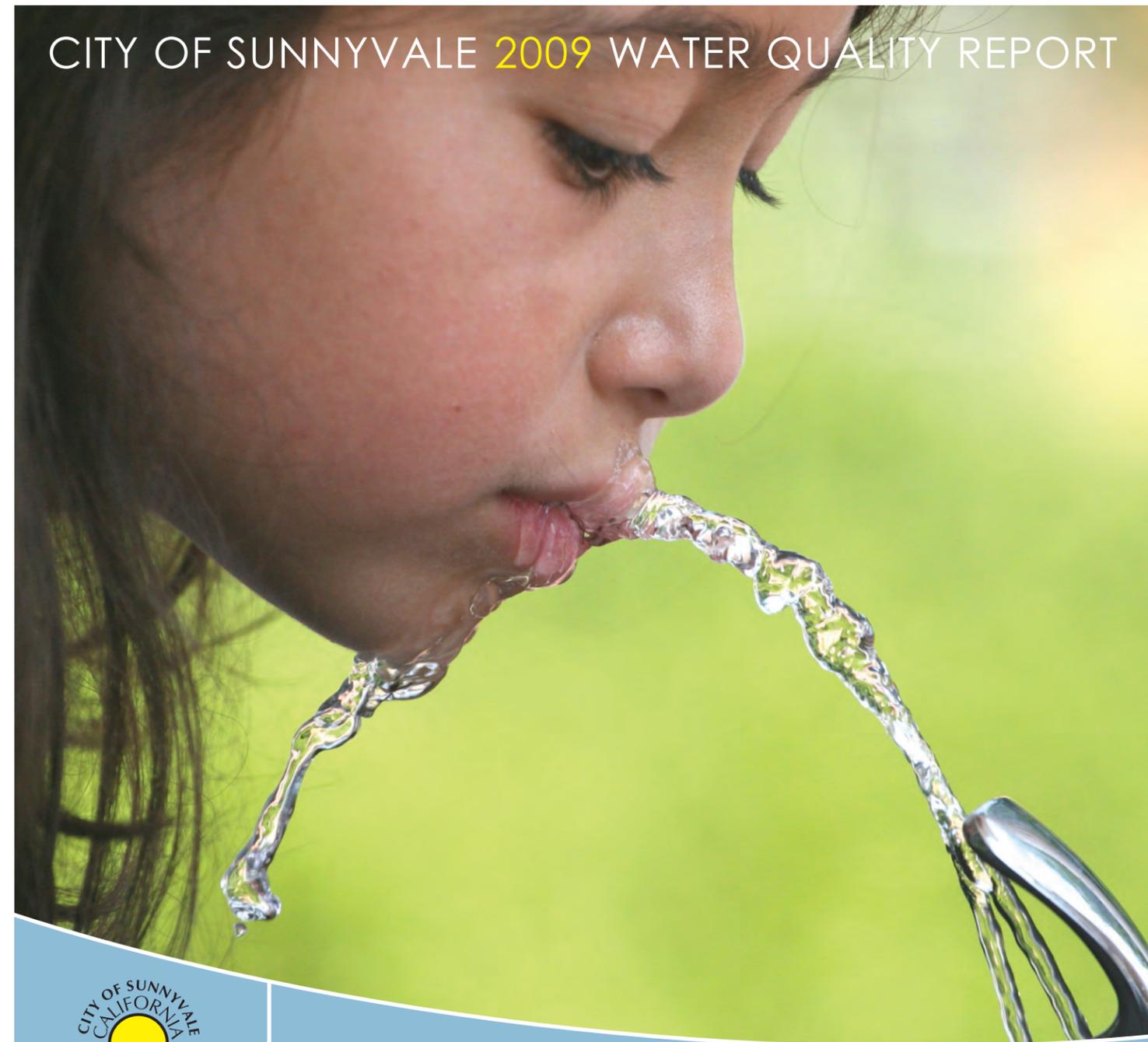
Mahalaga ang impormasyong ito. Mangyaring ipasalin ito.

Chi tiết này thật quan trọng. Xin nhờ người dịch cho quý vị.

यह सूचना महत्वपूर्ण है । कृपा करके किसी से :सका अनुवाद करायें ।

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。

CITY OF SUNNYVALE 2009 WATER QUALITY REPORT



ABOUT THIS REPORT
This brochure describes the quality of your water. Included are details about where your water comes from, what it contains, and how it compares to state and federal drinking water standards.

Last year your tap water met all state and federal drinking water health standards

The City of Sunnyvale aims to provide superior service while delivering a reliable, high quality drinking water supply to our customers. Last year, your tap water met all state and federal drinking water health standards. The City vigilantly safeguards its water supplies, and once again we are proud to report that our system has met and/or exceeded water quality standards.

INSIDE: Important information about your water ►

Protecting your water supply

To ensure that tap water is safe to drink, the U.S. Environmental Protection Agency (USEPA) and the California Department of Public Health (CDPH) prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. CDPH regulations also establish limits for contaminants in bottled water that provide the same protection for public health.

Protecting the water supply is important to ensure that water is safe from contamination and aesthetically pleasing for use. Protection begins in the watersheds, where people and their activities can be a major cause of source contamination. Contamination requires additional treatment, which increases the cost to deliver water to your tap.

Understanding that drinking water—including bottled water—may reasonably be expected to contain at least minute amounts of contaminants will help you make an informed choice about your drinking water. The presence of contaminants does not necessarily indicate a health risk.

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 agricultural, 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.

Participating in public meetings and forums regarding water issues enables decision makers to hear your perspective and allows you to be directly involved in protecting your water supply.



Where your water comes from

The City of Sunnyvale has three different sources of drinking water supply: local groundwater, treated surface water from the Santa Clara Valley Water District (SCVWD), and treated surface water from San Francisco Public Utilities Commission (SFPUC). About a dozen pocket areas in Sunnyvale receive water from the California Water Service Company (Cal Water); questions regarding the source and delivery of water provided by Cal Water can be directed to its local office at (650) 917-0152.

Local Groundwater

The City owns, operates, and maintains eight deep wells. The wells are used to help supplement the imported water supplies during peak demands in the summer months and emergency situations. The City is currently completing an improvement project that will increase flexibility in using local groundwater supplies to enhance water quality, reduce operating costs, and increase reliability. Other groundwater improvements include electrical upgrades and installation of an emergency generator. Groundwater pumped from these wells is taxed by SCVWD.

The City completed a Drinking Water Source Assessment Program (DWSAP) in January 2003 for these groundwater sources. The City's groundwater sources are considered most vulnerable to

contamination by leaky underground fuel tanks, dry cleaning chemicals, sewer collection systems, old septic systems, and machine shops.

SFPUC Supply

The City purchases a blend of Hetch Hetchy water and treated water from SFPUC to serve the northern part of the City. Filtered water turbidity from SFPUC must be less than 0.3 NTU 95% of the time. This standard was met 100% of the time.

The Hetch Hetchy Watershed provides most of the SFPUC water supply, with supplementation by local watersheds in Alameda and Santa Clara Counties. The major water source originates from spring snowmelt flowing down the Tuolumne River and is stored in the Hetch Hetchy Reservoir. Since this water source meets all federal and state standards for watershed protection,

disinfection treatment practices, bacteriological quality monitoring, and operations, the State has granted this water source a filtration exemption.

The Alameda Watershed spans more than 35,000 acres in Alameda and Santa Clara Counties. Surface water from rainfall and runoff is collected in the Calaveras and San Antonio Reservoirs. Prior to distribution, the water from these reservoirs is treated. Fluoridation, chloramination, and corrosion control treatment are provided for the combined Hetch Hetchy and treated water. Fluoride is added to the naturally occurring level to help protect against tooth decay in consumers. The fluoride levels in the treated water are maintained within a range of 0.8–1.5 mg/L as required by CDPH.

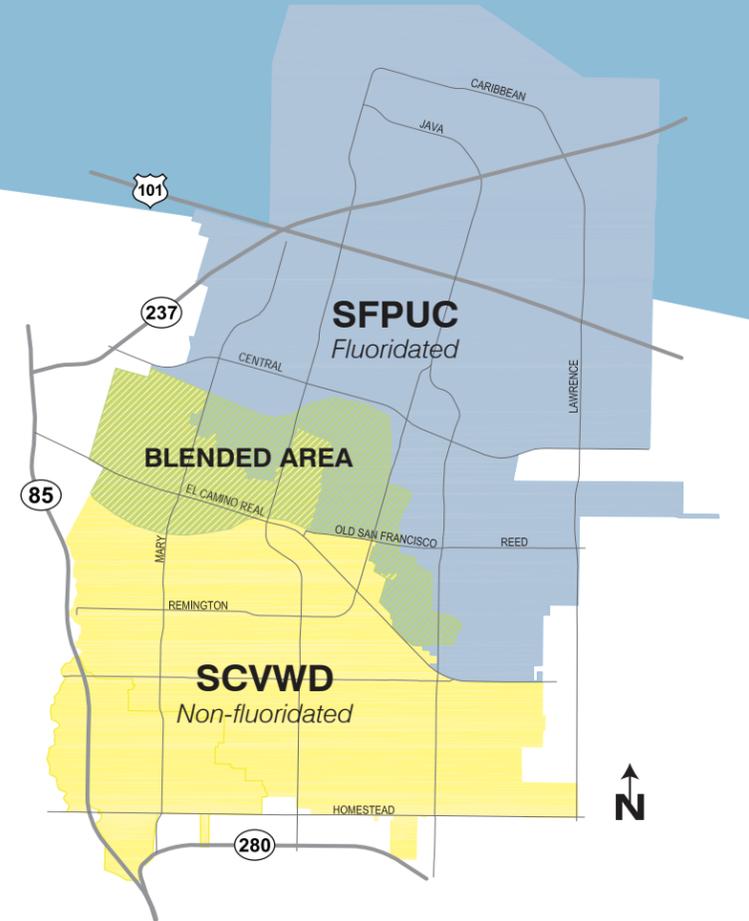
An annual report on the Hetch Hetchy Watershed and neighboring watersheds reflects the evaluation of their sanitary conditions, water quality, and potential contamination sources. The report also presents performance

results of watershed management activities implemented by SFPUC and partner agencies to reduce or eliminate potential contamination sources. The 2008 sanitary survey concluded that very low levels of contaminants associated with wildlife and human activities exist in these watersheds. The survey is available through the CDPH San Francisco District office.

More information on SFPUC ▶
Visit <http://sfwater.org>

SCVWD Supply

The City purchases treated surface water from SCVWD and delivers it to the southern portion of the City. SCVWD imports more than half of its supply from the South Bay Aqueduct, Lake Del Valle, and San Luis Reservoir, which all draw water from the Sacramento-San Joaquin Delta Watershed. SCVWD local surface water sources include Anderson and Calero Reservoirs. SCVWD source waters 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. Imported sources are vulnerable to wastewater treatment plant discharges, seawater intrusion, and wildfires in watershed areas. Local sources are additionally vulnerable to contamination from

commercial stables and historic mining practices. No contaminant associated with any of these activities has been detected in SCVWD treated water. Water treatment plants provide multiple barriers for physical removal and disinfection of contaminants.

More information on SCVWD ▶
Visit <http://www.valleywater.org>

The City's Drinking Water Source Assessment Program

To view the City's DWSAP, visit <http://swap.ice.ucdavis.edu/tsinfo/tsintro.asp>, or call (408) 730-7510 to schedule an appointment to view at 221 Commercial Street.

INVESTING TO PROTECT YOUR WATER: SUNNYVALE WORKS!



The City has invested over \$3.6 million in water and sewer utilities projects through the *Sunnyvale Works!* Program.

To help protect your water supply, the City of Sunnyvale is replacing and/or upgrading aging water facilities to meet current regulatory requirements. The City is accomplishing this through our very successful *Sunnyvale Works!* program.

Sunnyvale Works! is an innovative capital improvements acceleration and stimulus program launched by the City in April 2009. This program streamlines the process for designing, reviewing, and awarding capital improvement projects, which ultimately shortens the overall timeline for projects and significantly reduces project costs.

Program managers have been so successful in obtaining outside funding that projects have impacted the City's budget far less than expected. American Recovery and Reinvestment Act stimulus funding, Community Development Block Grants, and state gas tax funds have enabled the expansion of the *Sunnyvale Works!* program to its current \$100 million level.

On average, submitted project bids have been approximately 30 percent lower than expected. The savings have been reinvested into the program, expanding the number of projects planned or underway.

Importantly, the *Sunnyvale Works!* program is expected to create as many as 600 or more jobs within the companies that are awarded *Sunnyvale Works!* projects.

SUNNYVALE WORKS! Water and Sewer Projects

- Wolfe/Evelyn Water Tank Painting
- Refurbishing Water Tanks at Wright Avenue
- Evaluation of Bridge and Levees
- Interior Coating of Water Tanks
- Hamilton Water Plant Improvements
- Well Connections to Transmission Line
- Water Main Replacements
- Recycled Water System Extension
- Water and Sewer SCADA Improvements

HYDRANT AND MAIN FLUSHING

Look for signs in your neighborhood to be posted the day before flushing occurs.



Maintenance of the potable water distribution system includes periodic flushing of hydrants and water mains. Flushing the system clears water lines of sand and sediment that may have accumulated during the year.

After hydrant flushing, your tap water may be temporarily discolored. This does not present any health hazard.

The discoloration may be removed by flushing your tap; run the water in your sink and/or shower until it runs clear.

For more information ▶
Call Field Services at (408) 730-7510.

2009 WATER QUALITY TEST RESULTS



The City of Sunnyvale has instituted a comprehensive water quality monitoring program that encompasses City-owned wells and all water purchased from SFPUC and SCVWD. This program ensures that all of our customers receive water that complies with all regulatory criteria and that no maximum contaminant levels (MCLs) or maximum contaminant level goals (MCLGs) for regulated chemicals, bacteria, or pollutants are exceeded.

In order to ensure water quality standards are met, drinking water samples are collected daily throughout Sunnyvale and analyzed for a variety of regulated and unregulated contaminants. Samples are tested by the City's certified laboratory and an independent certified laboratory using the latest testing procedures and equipment. We collect more samples than required by the California Department of Public Health (CDPH) to provide you with the highest quality of water at all times. In addition, the City's wholesalers, SCVWD and SFPUC, conduct their own testing before delivering water to the City. Such measures help us to continue meeting established water quality standards.

The table to the right shows the results of the distribution system and source water analyses conducted by the City, SCVWD, and SFPUC. Water quality data is grouped by water source. Last year we conducted more than 20,000 tests for over 80 parameters. We detected only 11 of these parameters, and none were found at levels higher than CDPH allows.

Only the parameters detected are shown. Other constituents were analyzed but are not listed because they were not detected. Additionally, unregulated parameters are shown to provide you with supplemental information.

For more information ►
For a complete list of all the chemicals analyzed, or to ask questions about this report or the City's water quality monitoring program, please contact:
Val Conzet
City of Sunnyvale
Water Operations Manager
Phone: (408) 730-7510
TDD (408) 730-7501
vconzet@ci.sunnyvale.ca.us

Some data—although representative—was collected prior to 2009, as the CDPH requires monitoring for some constituents less than once per year since the concentrations of these constituents do not vary frequently or significantly.

Certified Labs and Operators

The City's Environmental Laboratory is responsible for analyzing drinking water samples to ensure compliance with Safe Drinking Water Act requirements. The City's laboratory is certified under the Environmental Laboratory Accreditation Program and conducts the majority of the required tests; however, more specialized tests are conducted by contracted certified laboratories.



The City's water system personnel are certified by CDPH and the American Water Works Association as Water Distribution Operators, Water Treatment Operators, Back Flow Prevention Assembly Testers, and/or Cross Connection Control Program Specialists.

PRIMARY DRINKING WATER STANDARDS (PUBLIC HEALTH RELATED STANDARDS)										
Parameter	Unit	MCL, (AL), or [MRDL]	PHG, (MCLG), or [MRDLG]	Groundwater Well		SCVWD		SFPUC		Typical Sources*
				Average or [Max]	Range	Average or [Max]	Range	Average or [Max]	Range	
INORGANIC CHEMICALS (SOURCE WATER SAMPLING)										
Aluminum	ppm	1	0.6	ND	ND	ND	ND-0.060	<0.05	<0.05-0.051	3, 4
Barium	ppm	1	2	0.11	0.09-0.12	ND	ND	ND	ND	3
Fluoride	ppm	2	1	0.15	0.13-0.19	ND	ND	0.3	<0.1-0.8	3, 5, 6
Turbidity	NTU	TT	NA	0.24	0.11-0.46	0.11	0.06-0.25	[3.87]	0.27-0.52	2
Nitrate as NO ₃	ppm	45	45	17	9.2-30	3	ND-6	ND	ND	3, 7, 8
DISINFECTION BYPRODUCTS AND PRECURSORS (SOURCE WATER SAMPLING)										
Total Trihalomethanes	ppb	80	NA			55	35-66	[33]	9-54	9
Total Haloacetic Acids	ppb	60	NA			16	11-23	[21]	5-27	9
TOC (precursor control)	ppm	TT	NA			1.78	0.99-2.38	2.7	2.3-3.2	10
LEAD AND COPPER (SUNNYVALE 2007 AT-THE-TAP SAMPLING)										
				90th Percentile			# of Samples Above AL			
Lead	ppb	(15)	0.2	2			1 out of 52			3, 17, 19
Copper	ppm	(1.3)	0.3	0.151			1 out of 52			3, 17, 18
DISINFECTION RESIDUALS AND BYPRODUCTS (DISTRIBUTION SYSTEM SAMPLING)										
				Highest Running Annual Average			Range			
Disinfectant Residual	ppm	[4]	[4]	1.9			<0.01-3.1			20
Total Trihalomethanes	ppb	80	NA	46.7			11.7-71.9			9
Total Haloacetic Acids	ppb	60	NA	21			6.9-34			9
MICROBIOLOGICAL (DISTRIBUTION SYSTEM SAMPLING)										
				Average			Range			
Total Coliform Bacteria	%pos / month	<5.0%	(0)	0.21			0.0-0.70			1
SECONDARY DRINKING WATER STANDARDS (AESTHETIC STANDARDS)										
Parameter	Unit	MCL	Average	Range	Average	Range	Average	Range	Sources*	
Aluminum	ppb	200	ND	ND	ND	ND-60	<50	<50-51	3, 4	
Chloride	ppm	500	46	35-72	100	74-134	9.5	4-14.6	11, 12, 14	
Color	CU	15	ND	ND	<2.5	<2.5-<2.5	<5	<5-9	13	
Iron	ppb	300	ND	ND	ND	ND	ND	ND	12, 15	
Manganese	ppb	50	0.65	ND-3.9	ND	ND-64	ND	ND	12	
Odor — Threshold	T.O.N.	3	1	1-1	1	1-1	ND	ND	13	
Specific Conductance	µS/cm	1600	690	610-790	647	468-900	170	30-309	14, 16	
Sulfate	ppm	500	34	27-39	67.1	43.5-99.5	16.6	1.1-35.6	11, 12, 15	
Total Dissolved Solids	ppm	1000	405	360-450	346	242-470	92	22-168	11, 12	
UNREGULATED PARAMETERS										
Parameter	Unit	NL	Average	Range	Average	Range	Average	Range	Sources*	
Boron	ppb	1000	160	110-230	186	101-294	<100	<100-102		
Chromium VI (Hexavalent Chromium)	ppb	NA	1.4	ND-3.1	ND	ND	NA	NA		
Vanadium	ppb	50	6.7	4.3-22	ND	ND-4	NA	NA		
OTHER WATER QUALITY PARAMETERS										
Parameter	Unit	MCL	Average	Range	Average	Range	Average	Range	Sources*	
Hardness (as CaCO ₃)	ppm	NS	298	270-320	116	83-159	55	12-108		
pH	units	NS	8.2	7.3-9.5	7.6	7.5-7.7	8.7	8.7-8.8		
Sodium	ppm	NS	28	22-40	81	58-114	14	3-23		
Temperature	°C	NS	16	11-21	18	11-24	NA	NA		

Important information about your water quality

Disinfection

Sunnyvale residents should know that the water in the Sunnyvale system includes water treated with chloramine and well water that is tested but not treated. Chloramine, a combination of chlorine and ammonia, is more stable than chlorine and offers a number of health benefits. Chloramine lasts longer in water to provide more protection against pathogens such as bacteria and viruses, and produces lower levels of disinfection byproducts such as trihalomethanes. State and federal regulations effective January 2002 lowered the allowable level of exposure to disinfection byproducts. The water provided by SFPUC and SCVWD is disinfected with chloramines which can affect dialysis treatment. The City maintains contact with dialysis treatment centers in the City. Residents on home dialysis should contact their physicians to discuss the impact on their treatment. The Transpacific Network for Dialysis at (415) 331-1545 can provide more information about chloramines and dialysis. Fish and aquarium owners should check with their local pet stores to make sure they are using the correct equipment for chloramine removal of any concentration.

Fluoride

The SFPUC completed construction on the new, system-wide fluoridation facility in 2005. Beginning November 2005, all water from the SFPUC is fluoridated. However, the City's other wholesale water provider (SCVWD) has no plans to fluoridate its water, and the City does not fluoridate well water. As a result, some areas of Sunnyvale receive fluoridated water, other areas receive non-fluoridated water, and some areas receive a mixture of fluoridated and non-fluoridated water. A map showing the different areas is included. If you would like more information please contact the City at (408) 730-7510.

Hardness

Hardness consists mainly of calcium and magnesium salts. Although it does not pose a health risk, it may be considered undesirable for other reasons. Some benefits in reducing hardness or water softening are reductions in soap usage, longer life for water heaters, and a decrease in incrustation of pipes. Some disadvantages are an increase in sodium

intake (depending on type of softener used), proper maintenance/servicing requirements, and potential adverse affects on plants and landscaping. To convert hardness from ppm to grains per gallon, divide by 17.1.

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. The City 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 www.epa.gov/safewater/lead.

Nitrate

Nitrate levels may rise quickly for short periods of time because of rainfall or agricultural activity. Nitrate in drinking water at levels above 45 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 serious illness; symptoms include shortness of breath and blueness of the skin. Nitrate levels above 45 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 for advice from your health care provider.



HOW TO READ THIS CHART

DEFINITIONS OF KEY TERMS

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

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 CDPH.

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). Notification levels are health-based advisory levels established by CDPH for chemicals in drinking water that lack maximum contaminant levels (MCLs). When chemicals are found at concentrations greater than their notification levels, certain requirements and recommendations apply.

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

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.

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

Total Organic Carbon (TOC). TOC has no health effects. However, TOC provides a medium for the formation of disinfection byproducts including trihalomethanes and haloacetic acids. Drinking water containing these byproducts in excess of the MCL may lead to adverse health effects, liver or kidney problems, or nervous system effects, and may lead to an increased risk of cancer.

Turbidity. Turbidity has no health effects. It is the water clarity indicator and standards are set per TT or source water type. It is a measure of the cloudiness of the water and is monitored because it is a good indicator of water quality and the effectiveness of the filtration system. The MCL for turbidity is based on the TT. For unfiltered water, the MCL is 5.0 NTU. For filtered water, the MCL is ≤0.3 NTU 95% of the time.

Variations and Exemptions. CDPH permission to exceed an MCL or not comply with a treatment technique under certain conditions.

Waiver. State permission to decrease the monitoring frequency for a particular contaminant.

ABBREVIATIONS

°C	Degrees Celsius
CDPH	California Department of Public Health
CU	Color unit
DLR	Detection level reporting
Max	Maximum
NA	Not available
ND	Not detected
NS	No standard
NTU	Nephelometric turbidity unit
ppb	parts per billion (micrograms per liter)
ppm	parts per million (milligrams per liter)
µS/cm	microSiemens per centimeter
% pos	% positive
SCVWD	Santa Clara Valley Water District
SFPUC	San Francisco Public Utilities Commission
TOC	Total organic carbon
T.O.N.	Threshold odor number
USEPA	United States Environmental Protection Agency

* TYPICAL SOURCES IN DRINKING WATER

- Naturally present in the environment
- Soil runoff
- Erosion of natural deposits
- Residue from some surface water treatment processes
- Water additive that promotes strong teeth
- Discharge from fertilizer and aluminum factories
- Runoff and leaching from fertilizer use
- Leaching from septic tanks and sewage
- By-product of drinking water disinfection
- Various natural and man-made sources
- Runoff from natural deposits
- Leaching from natural deposits
- Naturally-occurring organic materials
- Seawater influence
- Industrial wastes
- Substances that form ions when in water
- Internal corrosion of household plumbing systems
- Leaching from wood preservatives
- Discharges from industrial manufacturers
- Drinking water disinfectant added for treatment

SOURCE MAP

The adjacent map indicates which areas of the city are supplied by SFPUC, SCVWD, or a mixture of the two. The colored regions correspond to the colored columns in the table above.

Groundwater wells, which are not shown on this map, are located throughout the city. Local groundwater is blended with surface water supplies from SFPUC and SCVWD.

SFPUC water is fluoridated but SCVWD and groundwater supplies are not.

For a larger map, see reverse side.

