

Sunnyslope County Water District

2004 Annual Drinking Water Quality Report

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

We're pleased to present to you this year's Annual Water Quality Report. The purpose of this report is to increase your understanding and confidence in the quality of drinking water delivered to you by the Sunnyslope County Water District. Our constant goal is to provide you with a safe and dependable supply of drinking water.

Please note that tenants, employees and students may not receive the report since they are not direct customers of the District. You may make this report available to such people by distributing copies or posting in a conspicuous location.

WATER QUALITY

The District is pleased to report that our drinking water is safe and meets all Federal and State requirements.

In order to ensure that your drinking water is safe to drink the Environmental Protection Agency prescribes specific limits for the amount of certain contaminants in drinking water. The presence of contaminants does not necessarily indicate that the water poses a health risk.

Sunnyslope County Water District routinely monitors for contaminants in your drinking water according to Federal and State laws. Unless otherwise noted, the following tables show the results of our monitoring for the period of January 1st to December 31st, 2004. The data presented in this report are from the most recent testing done in accordance with the regulations. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants. It's important to remember that the presence of these contaminants does not necessarily pose a health risk.

WATER SOURCE

The Sunnyslope County Water District during the year 2004 obtained 68% of its potable drinking water from the District's four active deep groundwater wells located throughout the district, 29% from San Felipe surface water treated at the LESSALT Water Treatment Plant and 3% through distribution system inter-ties with the City of Hollister. Water quality monitoring information for these sources is available in the following sections.

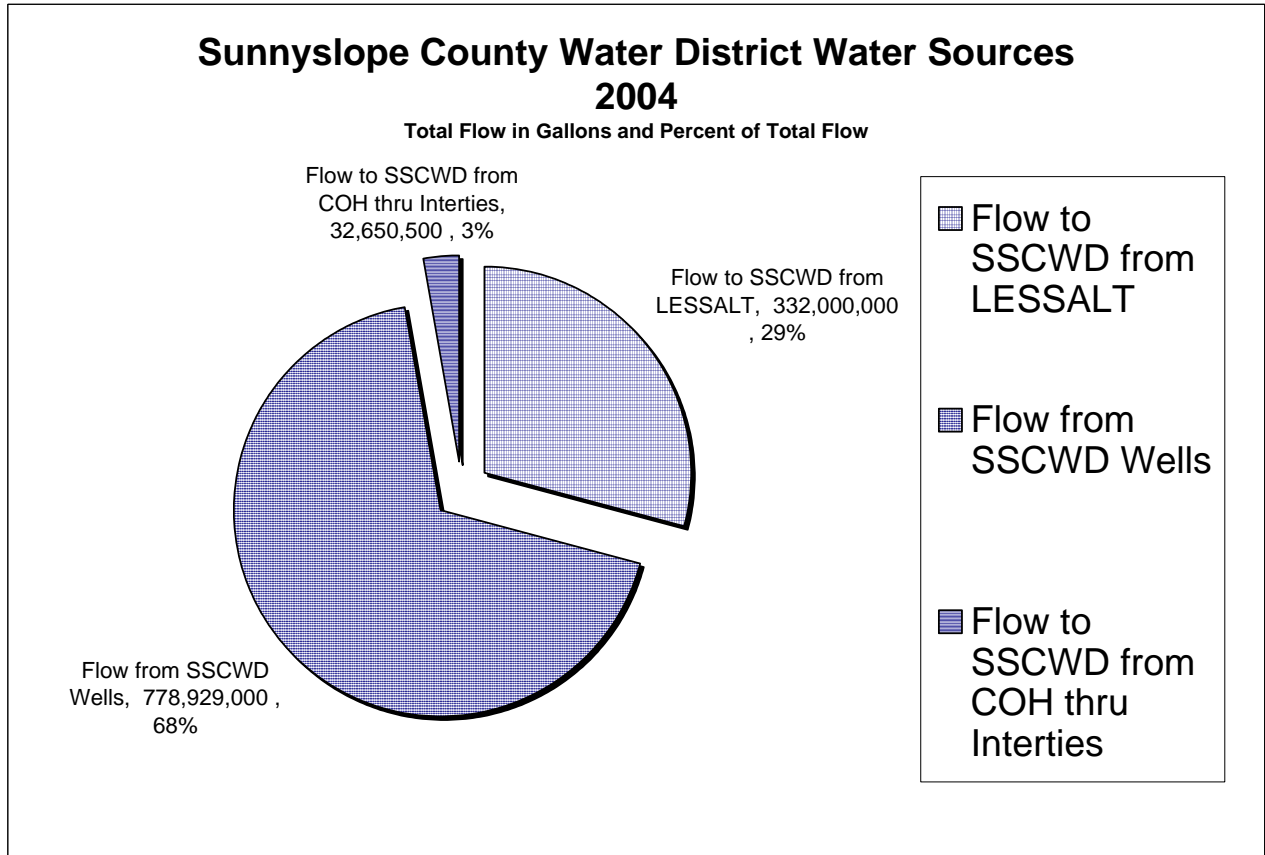
The other sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs and springs. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up 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, that can be naturally-occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- ◆ Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm water 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 storm water runoff, and septic systems.

- ◆ Radioactive contaminants, which 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, United States Environmental Protection Agency and the California Department of Health Services Division of Drinking Water and Environmental Management prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. Department regulations also establish limits for contaminants in bottled water that must provide the same protection for public health.



DRINKING WATER SOURCE WATER ASSESSMENT AND PROTECTION

Groundwater: An assessment of the following Sunnyslope Ground Water Wells: Well 2, Well 5, Well 7, and Well 8 completed in March 2002. These sources are considered most vulnerable to the following activities not associated with any detected contaminants: Agricultural Drainage, Low Density Septic Systems, Sewer collection systems, and Agricultural Wells.

Surface Water: An assessment of the LESSALT Water Treatment Plant Surface Water Source was completed in March 2002. This source is considered most vulnerable to the following activities not associated with any detected contaminants: Recreational Area, Government Agency Equipment Storage, Road, Streets, Septic Systems, Sewer Collection Systems, Grazing Animals, Farm Machinery, Wells and Irrigation.

A copy of the summaries of these completed assessments may be viewed at:

Sunnyslope County Water District
3570 Airline Highway
Hollister, CA 95023-9702

DEFINITIONS

To help you understand our test results on the following tables, we are providing the following definitions of terms and abbreviations you may not be familiar with.

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

Secondary Drinking Water Standards: refer to those constituents present in water, which do not affect the public health. These tests performed assure that your water meets certain unenforceable standards in appearance, odor and taste.

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 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 allow for a margin of safety and are set by the U.S. Environmental Protection Agency.

Public Health Goal or PHG – The level of a contaminant in drinking water below which there is no known or expected risk to health. The California Environmental Protection Agency sets PHGs.

Maximum Residual Disinfectant Level (MRDL) – The level of a disinfectant added for water treatment that may not be exceeded at the consumer's tap.

Maximum Residual Disinfectant Level Goal (MRDLG) – The level of a disinfectant added for water treatment below which there is no known or expected risk to health. MRDLGs are set by the U. S. Environmental Protection Agency.

Non-Detects (ND) - Laboratory analysis indicates not detected at reporting limit.

Non-Applicable (NA) – Is not applicable in this situation.

Parts per million (ppm) or Milligrams per liter (mg/l) – 1 per 1,000,000 - a measurement of concentration on a weight or volume basis.

Parts per billion (ppb) or Micrograms per liter (ug/l) – 1 per 1,000,000,000 - a measurement of concentration on a weight or volume basis.

Picocuries per liter (pCi/L) - picocuries per liter is a measure of the radioactivity in water.

Nephelometric Turbidity Unit (NTU) - nephelometric turbidity unit is a measure of the clarity of water. Turbidity in excess of 5 NTU is just noticeable to the average person.

Trihalomethanes (THMs) are produced in the course of treatment as by-products of the chlorination process. Some THMs are thought to be cancer causing agents at certain levels. The California EPA MCL for TRIHALOMETHANES is 80 parts per billion (ppb).

Methyl Tertiary – Butyl Ether (MTBE) this gasoline additive was tested for in 2002 and was not detected in our groundwater source.

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

Notification Level – NL - The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Lead and Copper Testing - The 1994 Federal Lead & Copper Rule mandates a household testing program for these substances. According to the rule, 90% of the samples taken from high-risk homes must have levels less than 0.015 milligrams per liter of lead and 1.3 milligrams per liter of copper. If our results are above the 90% Action Level, corrective measures are to be taken. A high risk home is defined as a structure that contains lead pipes or copper pipes with lead solder installed between January 1983 to June 1986. Sunnyslope County Water Districts Lead and Copper results have always been below the Action Level.

New analytical instruments and techniques make it possible to measure quality of constituents in water that were undetectable in the past. The water quality results in this report show parts per million (ppm) or milligrams per liter (mg/l) and even parts per billion (ppb) or micrograms per liter (ug/l) of detectable substances.

Primary Regulated Contaminants							
Percent Flow From Each Water Source	68%	29%	3%	SSCWD = Sunnyslope County Water District Well Water Lessalt Surface = Surface Water Treatment Plant COH = City of Hollister Well Water			
Contaminant (Reporting Units)	SSCWD 4 Wells Avg (Range) Date	LESSALT Surface Avg (Range) Date	COH 8 Wells Avg (Range) Date	MCL	PHG (MCLG)	Likely Source of Contaminant	Health Effects Language
Radioactive Contaminants							
Gross Alpha (pCi/L)	4.32 (2.2-6.58) 12-10-01	2.19 (ND-6) 7-9-02	4.11 (0.34 -7.60) 3-19-03	15	NA (0)	Erosion of natural deposits	Certain minerals are radioactive and may emit a form of radiation known as alpha radiation. Some people who drink water containing alpha emitters in excess of the MCL over many years may have an increased risk of getting cancer.
Inorganic Contaminants							
Aluminum (ppm)	ND (NA) 2-26-03	0.08 (ND-0.08) 2-17-04	ND (NA) 6-28-02	1	0.6 (NA)	Erosion of natural deposits	Some people who drink water containing aluminum in excess of the MCL over many years may experience short-term gastrointestinal tract effects.
Arsenic (ppb)	1 (ND-3) 2-26-03	ND (NA) 2-17-04	1 (ND-3) 6-28-02	50	0.004 (NA)	Erosion of natural deposits; runoff from orchards	Some people who drink water containing arsenic in excess of the MCL over many years may experience skin damage or circulatory system problems, and may have an increased risk of getting cancer.
Barium (ppm)	0.033 (0.027-0.036) 2-26-03	0.040 (NA) 2-26-03	0.028 (0.024-0.032) 6-28-02	1	1 (2)	Discharges from oil drilling wastes and from metal refineries; Erosion of natural deposits	Some people who drink water containing barium in excess of the MCL over many years may experience an increase in blood pressure.
Chromium (Total Cr) (ppb)	9 (7-11) 2-26-03	2 (NA) 2-17-04	11 ND-22 6-28-02	50	NA (100)	Erosion of natural deposits	Some people who use water containing chromium in excess of the MCL over many years may experience allergic dermatitis.
Fluoride (ppm)	0.290 (0.220-0.360) 2-26-03	0.11 (NA) 2-17-04	0.39 (0.26-0.52) 6-28-02	2	1 (NA)	Erosion of natural deposits	Some people who drink water containing fluoride in excess of the federal MCL of 4000 ppb over many years may get bone disease, including pain and tenderness of bones. Children who drink water containing fluoride in excess of the state MCL of 2000 ppb may get mottled teeth. Mottling (dental fluorosis) may include brown staining and/or pitting of the teeth, and occurs only in developing teeth before they erupt from the gums.
Nitrate (ppm)	15 (8.1-25 ¹) 11-3-04	4.3 (4- 4.6) 3-1-04	15.4 (3 - 39) 12-2-04	45	45 (NA)	Runoff and leaching from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits	Infants below the age of six months who drink water containing nitrate in excess of the MCL may quickly become seriously ill and, if untreated, may die. Symptoms include shortness of breath and blue baby syndrome. Pregnant women who drink water containing nitrate in excess of the MCL may experience anemia.
Selenium (ppb)	5 (3-7) 2-26-03	ND (NA) 2-26-03	4.9 (ND-22) 6-28-02	50	NA (50)	Erosion of natural deposits; runoff from livestock lots (feed additive)	Selenium is an essential nutrient. However, some people who drink water containing selenium in excess of the MCL over many years may experience hair or fingernail losses, numbness in fingers or toes, or circulation system problems.
Disinfection Byproducts – Disinfection Residuals							
TTHM [Total trihalomethanes] (ppb)	15.6 (1-220) 12-1-04	NA	33.0 (0.6-140) 11-10-04	80	NA (NA)	By-product of drinking water chlorination	Some people who drink water containing trihalomethanes in excess of the MCL over many years may experience liver, kidney, or central nervous system problems, and may have an increased risk of getting cancer.
HAA5 [Haloacetic Acids] (ppb)	4.2 (ND-46) 12-1-04	NA	7.3 (ND-48) 11-10-04	60	NA (NA)	By-product of drinking water disinfection	Some people who drink water containing haloacetic acids in excess of the MCL over many years may have an increased risk of getting cancer.
Chlorine (ppm)	0.47 (0.01-1.80) Daily	NA	0.42 (0.01-1.80) Daily	[MRDL = 4.0] (as Cl ₂)	NA ([MRDLG = 4.0] (as Cl ₂))	Drinking water disinfectant added for treatment	

Secondary Drinking Water Standards						
Percent Flow From Each Water Source	68%	29%	3%			
Contaminant (Reporting Units)	SSCWD 4 Wells Avg (Range) Date	LESSALT Surface Water Avg (Range) Date	COH 8 Wells Avg (Range) Date	MCL	PHG (MCLG)	Likely Source of Contaminant
Aluminum (ppb)	ND (NA) 2-26-03	80 (NA) 2-17-04	ND (NA) 5-20-03	200	NA (NA)	Erosion of natural deposits
Color (units)	ND (NA) 2-26-03	15 ² (NA) 2-17-04	0.25 (ND - 4) Monthly	15	NA (NA)	Naturally-occurring organic materials
Iron (ppb)	ND (NA) 2-26-03	110 (NA) 2-17-04	79 (ND - 250) 12-2-04	300	NA (NA)	Leaching from natural deposits; industrial wastes
Turbidity (NTU Units)	0.13 (0.12-0.14) 2-26-03	0.03 (0.03-0.04) 12-31-04	0.20 (0.08 - 1.8) Monthly	5	NA (NA)	Soil runoff
Total Dissolved Solids (ppm)	775 (740-800) 2-26-03	300 (NA) 2-17-04	627 (150 - 968) 12-2-04	1000	NA (NA)	Runoff/leaching from natural deposits
Specific Conductance (micromhos)	1235 (1210-1260) 2-26-03	500 (NA) 2-17-04	1088 (330 - 1540) 12-2-04	1600	NA (NA)	Substances that form ions when in water; seawater influence
Chloride (ppm)	96 (90-100) 2-26-03	76 (NA) 2-17-04	83 (26 - 163) 12-2-04	500	NA (NA)	Runoff/leaching from natural deposits; seawater influence
Sulfate (ppm)	240 (200-270) 2-26-03	43 (NA) 2-17-04	179 (22 - 285) 12-2-04	500	NA (NA)	Runoff/leaching from natural deposits; industrial wastes

The data presented in this report are from the most recent testing done in accordance with the regulations.

Information Provided for Detected Unregulated Chemicals with no MCL					
Percent Flow From Each Water Source	68%	29%	3%		
Constituents (Reporting Units)	SSCWD 4 Wells Avg (Range) Date	LESSALT Surface Water Avg (Range) Date	COH 8 Wells Avg (Range) Date	Notification Level (NL)	Health Effects Language
Boron (PPM)	0.85 (0.8-1) 11-19-02	0.2 (0.2-0.2) 10-15-02	0.76 (0.3 - 0.97) 12-2-04	1	Some men who drink water containing boron in excess of the action level over many years may experience reproductive effects, based on studies in dogs.
Chromium, Hexavalent (CrVI) (ppb)	9.59 (7-12) 12-17-01	2 (NA) 2-17-04	7 (ND-17) 12-19-02	NA	NA
Vanadium (ppb)	4.8 (4-5) 2-26-03	4 (NA) 1-21-03	2.9 (ND - 8) 11-13-03	50	The babies of some pregnant women who drink water containing vanadium in excess of the notification level may have an increased risk of developmental effects, based on studies in laboratory animals.

Additional constituents were tested for and not detected.

The data presented in this report are from the most recent testing done in accordance with the regulations

Additional Water Quality Information

Percent Flow From Each Water Source	68%	29%	3%		Percent Flow From Each Water Source	68%	29%	3%
Constituents (Reporting Units)	SSCWD 4 Wells Avg (Range) Date	LESSALT Surface Water Avg (Range) Date	COH 8 Wells Avg (Range) Date		Constituents (Reporting Units)	SSCWD 4 Wells Avg (Range) Date	LESSALT Surface Water Avg (Range) Date	COH 8 Wells Avg (Range) Date
Total Hardness (as CaCO ₃) (ppm)	393 (370-420) 2-26-03	100 (NA) 2-17-04	334 (107-517) 12-2-04		Potassium (K) (ppm)	1.1 (1.0-1.2) 2-26-03	2.9 (NA) 2-17-04	2.4 (0.9 - 2.9) 12-2-04
Calcium (Ca) (ppm)	70 (56-83) 2-26-03	21 (NA) 2-17-04	51 (33 - 70) 12-2-04		Total Alkalinity (as CaCO ₃) (ppm)	295 (280-310) 2-26-03	80 (NA) 2-17-04	264 (90 - 370) 12-2-04
Magnesium (Mg) (ppm)	53 (48-56) 2-26-03	12 (NA) 2-17-04	50 (6 - 83) 12-2-04		Bicarbonate (HCO ₃) (ppm)	295 (280-310) 2-26-03	80 (NA) 2-17-04	323 (110-451) 12-2-04
Sodium (Na) (ppm)	84 (78-90) 2-26-03	48 (NA) 2-17-04	98 (20 - 149) 12-2-04		pH (Laboratory) (units)	7.8 (7.7-8.0) 2-26-03	8.3 (7.9-8.6) 12-27-04	7.5 (6.6 - 7.9) 12-2-04

Distribution System Customer Tap Sampling for Lead and Copper

Contaminant	No. Samples Collected	90 th Percentile Result	No. Sites Over NL	Notification Level	PHG (MCLG)	Likely Source of Contamination	Health Effects Language
Lead (ppb) 9-13-04	38	2	0	15	2 (NA)	Internal corrosion of household plumbing systems; erosion of natural deposits	Infants and children who drink water containing lead in excess of the action level may experience delays in their physical or mental development. Children may show slight defects in attention span and learning abilities. Adults who drink this water over many years may develop kidney problems or high blood pressure.
Copper (ppm) 9-13-04	38	0.250	0	1.3	0.17 (NA)	Internal corrosion of household plumbing systems; erosion of natural deposits	Copper is an essential nutrient, but some people who drink water containing copper in excess of the action level over a relatively short amount of time may experience gastrointestinal distress. Some people who drink water containing copper in excess of the action level over many years may suffer liver or kidney damage. People with Wilson's Disease should consult their personal doctor.

Treatment of Surface Water Source LESSALT Water Treatment Plant

Treatment Technique (TT) ♦: U S Filter Memcor Microfiltration Treatment Plant	Turbidity has no health effects. However, high levels of turbidity can interfere with disinfection and provide a medium for microbial growth. Turbidity may indicate the presence of disease-causing organisms. These organisms include bacteria, viruses, and parasites that can cause symptoms such as nausea, cramps, and diarrhea and associated headaches.
Turbidity Performance Standards ♦♦: This standard must be met through the water treatment process	<u>Turbidity of the filtered water must:</u> 1 - Be less than or equal to 0.1 NTU in 95% of measurements in a month. 2 - Not exceed 1.0 NTU at any time.
Lowest monthly percentage of samples that met Turbidity Performance Standard No. 1.	100%
Highest single turbidity measurement during the year	0.04 NTU
The number of violations of any surface water treatment requirements	None
Total Organic Carbon ♦♦♦	3.5 ppm

♦ A required process intended to reduce the level of a contaminant in drinking water.

◆◆ Turbidity (measured in NTU) is a measurement of the cloudiness of water and is a good indicator of water quality and filtration performance. Turbidity results which meet performance standards are considered to be in compliance with filtration requirements.

◆◆◆ Total organic Carbon (TOC) has no health effects. However, total organic carbon provides a medium for the formation of disinfection byproducts. These byproducts include trihalomethanes (THMs) and haloacetic acids (HAAs). 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.

1. One of the nine Nitrate samples that Sunnyslope County Water District sampled for in 2004 was 25 ppm which is below the MCL of 45 ppm but above a point at which we increased monitoring frequency on Well # 7. The District is actively investigating the nitrate source.

Nitrate in drinking water at levels above 45 ppm 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 ppm 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 advice from your health care provider.

2. Surface Water treated at the LESSALT Water Treatment Plant during winter months enters the distribution system close to the Secondary Drinking Water Standard MCL of 15 color units. Color in water may result from the presence of natural metallic ions (iron, manganese, and copper), organic matter of vegetable or soil origin, and industrial wastes. The most common colors which occur in surface water are yellow and brown.

2004 Water Production	2004 Average Monthly Water use per Single Family Residence	
	1,913 Cubic Feet or 14,311 Gallons	
5292 Accounts	February Lowest Month 1,016 Cubic Feet or 7,600 Gallons	August Highest Month 3,076 Cubic Feet or 23,008 Gallons
148,500,000 Total Cubic Feet or 1,110,780,000 Total Gallons or 3,409 Acre-Feet	Average City Accounts 1,730 Cubic Feet or 12,944 gallons	Average County Accounts 3,610 cubic Feet or 27,004 gallons
1 Cubic Foot = 7.48 Gallons ◆ 100 Cubic Feet = 748 Gallons ◆ 1 Acre Foot = 325,828 Gallons		

SUMMARY

As you can see by the above tables, our system had no violation in 2004. We’re proud that your drinking water meets or is within all Federal and State requirements. We have learned through our monitoring and testing program that some contaminants have been detected.

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 Environmental Protection Agency and Center for Disease Control guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791). www.epa.gov/safewater/hfacts.html.

California Department of Health Services web site www.dhs.ca.gov/ps/ddwem/default.htm

We at Sunnyslope County Water District work to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children’s future.

If you have any questions about this report or concerning your water utility, please contact Bryan Yamaoka at (831) 637-4670. We want you, our valued customers to be informed about their water utility. If you wish to learn more, look on our web site: www.sscwd.org or please attend any of our regularly scheduled Board meetings. They are held in our District Office at 3570 Airline Highway on the second Thursday of every month 5:15 p.m.

FREQUENTLY ASKED QUESTIONS

Here are the answers to some commonly asked questions about water:

IS MY WATER SAFE TO DRINK?

Water supplied by the Sunnyslope County Water District meets or is within the stringent State and Federal regulations. These regulations require close monitoring of all water supplies, and we must report a summary of water quality monitoring to our customers each year. 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 Environmental Protection Agency and Center for Disease Control guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).

www.epa.gov/safewater/hfacts.html.

California Department of Health Services web site www.dhs.ca.gov/ps/ddwem/default.htm

HOW HARD IS OUR WATER?

Water hardness is dissolved minerals such as calcium and magnesium and occurs naturally in our water supply. There are no distinctly defined levels of what constitutes hard or soft water. Typically, if the amount of dissolved Calcium Carbonate (CaCO₃) is above 130 ppm or 8 grains per gallon, water is considered hard and can cause scale to build up in pipes, on faucets, and leave white spots on dishware. The District's water hardness ranges from 100 to 420 ppm or 6 to 25 grains per gallon.

WHY DOES MY WATER LOOK YELLOW/BROWN?

The surface water source sometimes has trace amounts of Dissolved Iron and Manganese. When this water is treated and disinfected these constituents precipitate out of solution causing a yellow/brown color in the water, usually most visible in white bathtubs, sinks or toilets. This condition does not constitute a health risk and flushing your water pipes will usually remedy the situation. An additional source of color can be naturally occurring organic materials.

WHY DOES MY WATER LOOK CLOUDY? MILKY WATER?

Cloudy or milky water is usually due to air bubbles in the water. Distribution pipes carry water under pressure, meaning air is dissolved in the water. These bubbles initially make a glass of water appear cloudy, but will slowly rise and disappear.

WHY DOES MY DRINKING WATER TASTE OR SMELL FUNNY?

Taste comes from the dissolved minerals in the water. The two most common reasons for poor tasting or smelling water are:

1. Chlorine odor is usually a result of the chlorine used to disinfect the water supply. If the smell is particularly bothersome, let the water stand in an open container, the chlorine will dissipate. The container can then be covered for later use.
2. A rotten-egg odor in groundwater is caused by a non-toxic (in small amounts) hydrogen sulfide dissolved in the water and usually found from the hot water faucet. A remedy is to slightly turn up the temperature in your hot water heater. Also, if you let the water flush for a few seconds, the smell will disappear.

HOW OFTEN IS CHLORINE CHECKED IN THE WATER SYSTEM?

Chlorine is added to the water pumped from the districts wells and the surface water source from the LESSALT Water Treatment Plant to provide a high degree of disinfection over a long period of time. We measure the chlorine residual at various locations throughout our water distribution system daily and on a continuous basis at the LESSALT Water Treatment Plant utilizing two continuous chlorine residual analyzers.

The weekly microbiological tests we perform look for presence of indicator organisms called coliform bacteria. If these indicator organisms are detected, there is a potential that other pathogenic (disease causing) organisms may be present. Our system is protected against microbiological contamination and the water you drink contains a small amount of chlorine to maintain a disinfectant capability. We have never detected E. Coli in our water system.

IS FLUORIDE ADDED TO OUR DRINKING WATER?

No, fluoride is not added to the District's water supply. However, fluoride does occur naturally and is present in the water supply between 110 ppb to 360 ppb. By comparison, the fluoride level does not exceed the California Maximum Contaminant Level of 2000 ppb.

WHAT HAPPENS IF I USE A SELF-REGENERATING WATER SOFTENER?

Self-regenerating water softeners use salt, the type that uses rock salt or potassium, may deposit up to 600 pounds of brine into the sewer system and into the environment each year. That’s a problem because Sunnyslope County Water District wastewater treatment plant cannot remove these salts during the treatment process and these salts along with our wastewater effluent are recycled back into the groundwater.

WHAT TYPE OF WATER SOFTENER CAN WE USE?

District Regulations require our wastewater customers to have either an “On-Demand” or “Replaceable Cartridge” type water softener **installed by year 2005**. Our Regional Water Quality Control Board Discharge Permit requires us to reduce the salt byproducts in our wastewater effluent.

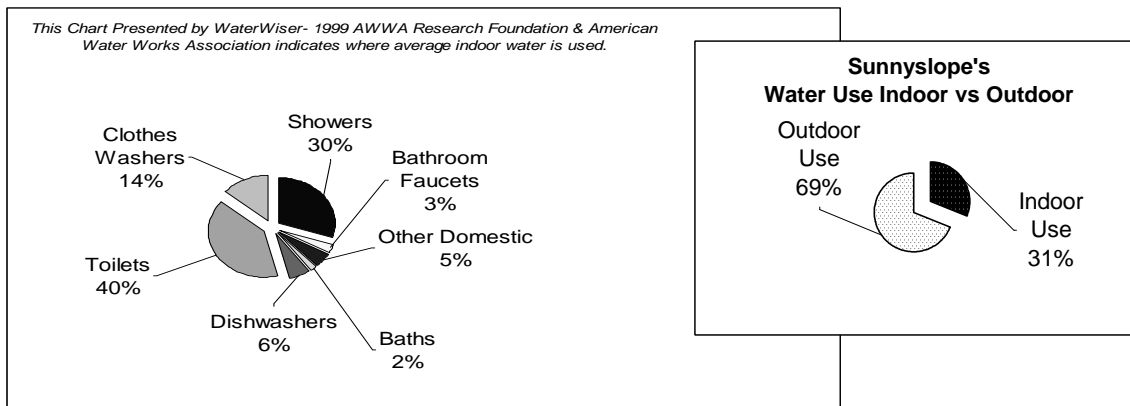
IF I ALREADY OWN A SELF-REGENERATING WATER SOFTENER, WHAT CAN I DO TO LESSEN ITS IMPACT ON THE ENVIRONMENT?

Water softeners use the least salt when they are set to regenerate “on demand”, after a certain amount of water has been processed, and not just on a timer. If you do not have an on-demand setting, make sure to turn the unit off when it is not being used, such as when you go on vacation. Also, set the unit at the lowest hardness level that will soften the water. Experiment with the settings to see what is acceptable to you.

FOR ADDITIONAL DRINKING WATER INFORMATION.

All 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 the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency’s Safe Drinking Water Hotline at 1-800-426-4791.). www.epa.gov/safewater/hfacts.html.

California Department of Health Services web site www.dhs.ca.gov/ps/ddwem/default.htm



WATER CONSERVATION

Services to Help You Save Water and Save Money

The Sunnyslope County Water District is an active participant with the Water Resources Association of San Benito County. One of the main programs of the Association is Water Conservation. The following activities are available to our customers for your benefit:

- ◆ High Efficiency Washing Machine Rebate of \$100.00 for residential.
- ◆ Free Ultra Low Flow Toilet to replace toilets older than 1991, for residential and commercial customers.
- ◆ Free Home & Landscape Water Audits, which evaluate your sprinkler systems and help, detect leaks. Includes Free showerhead, garden hose nozzles, and water conservation literature.
- ◆ Project W.E.T. (Water Education for Teachers) a teacher water education program.
- ◆ MAY is “Water Awareness Month”

For additional information and assistance on the above Water Conservation Program and Activities call the Water Conservation Specialist at: (831) 637-4378 or Web site: www.sbcwd.com (click on water conservation).

READING YOUR WATER METER

Your water meter can tell you how much water you're using during a given time period, and can help you monitor the amount of water you use indoors and outdoors on a daily basis. It can also help you figure out how much water each appliance uses, and whether there is a leak inside or outside the house. But first, you'll need to learn to read it.

How is my meter read?

The Sunnyslope County Water District reads meters on a monthly cycle, which is the basis for your water bills. District personnel read every meter every month.

The District is currently in the process of replacing old water meters with “*state of the art*” radio read meters. These meters transmit your meter reading to a remote reading device. If your meter is the new radio read type, there will be a black disk on top of your meter box lid. Care must be taken when removing the lid not to damage the wire connected to the water meter. Any damage to this device will be the responsibility of the property owner. ♦

How can I check my water usage?

It is important that you know how to read your meter to understand how much water you are using or to find out if you have a “hidden leak”.

You will most likely find your meter in front of your home or business, in the ground, surrounded by a concrete box and covered with a concrete lid.

To read your meter, open the metal meter reading lid. To know how much water you use, read all the numbers on the face of the water meter including any stationary numbers. Remove the two right digits then subtract the current reading you just took from the last reading on your most current water bill and that will give you the total water used in 100 cubic feet since your meter was last read. The bill you receive charges for every 100 cubic foot increment. To convert the usage to gallons multiply by 748.

How do I check for a small leak?

You can also measure smaller amounts of water used to detect a leak. First, make sure all faucets and water-using appliances in and around your home are off. Even a small drip will be detected by your water meter. Depending on the meter manufacturer, the meter will have a sweep hand or a small dial. If any movement on the meter dials is observed, water is flowing through the meter indicating a leak. Check for moisture or wet spots under sinks, around toilets or in other areas where leaks might occur. If necessary, call a plumber for help.

What causes the water pipes in my home to rattle or vibrate?

If the water pipes in your home vibrate in the walls. This condition is known as water hammer and generally, the cause can be traced to a faulty ball cock in one of the household toilet tanks. If necessary, call a plumber for help.

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