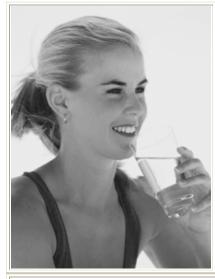
1998 Consumer Confidence Report



This brochure explains how drinking water provided by City of Tempe is of the highest quality. Included is a listing of results from waterquality tests as well as an explanation of where our water comes from and tips on how to interpret the data. This "Consumer Confidence Report" is required by law. We're proud to share our results with you. Please read them carefully.

El informe contiene informacion importante sobre la calidad del agua en su comunidad. Tradùzcalo o hable con alguien que lo entienda bien. We are proud to report that the water provided by City of Tempe meets or exceeds established water-quality standards.

Overview

In 1998, your water department distributed 17.7 billion gallons of water to Tempe customers. In addition to testing we are required to perform, our water system voluntarily tests for hundreds of additional substances and microscopic organisms to make certain our water is safe and of high quality. If you are interested in a more detailed report, contact Sherman McCutcheon at 480-350-8330.

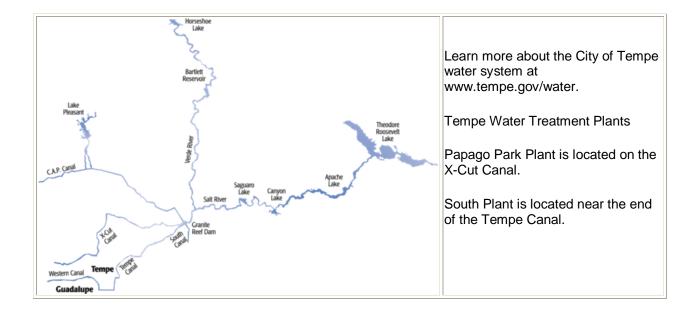
Water Source

The drinking water in Tempe is produced at two water treatment plants. The Papago Park Treatment Plant is located at 255 E. Marigold Lane and the South Tempe Treatment Plant is located at 6600 S. Price Road. The City of Tempe has several sources of water available to it:

1. Central Arizona Project water -- Beginning its journey from Lake Havasu, CAP water travels to Lake Pleasant, just northwest of Phoenix. Tempe has a subcontract to purchase 4,315 acre feet of CAP water annually. Tempe purchased 4,247 acre feet of CAP water in 1998.

2. Salt River Project water -- This water is collected from the Salt and Verde River watersheds, and diverted into SRP canals at the Granite Reef Dam, in Mesa. Tempe's allotment of SRP water depends on the amount of water available in the system, and therefore varies from year to year. Tempe's allocation was 50,345 acre feet of water in 1998.

3. Groundwater -- Tempe has six (6) groundwater wells that it will use as a back-up water supply in times of water shortages. The wells are tested quarterly to assure that the water meets safe drinking water standards, and the quarterly pumping also keeps the mechanical equipment in good working order.



Substance	Unit	MCL	MCLG	Average Level	Range	Major Sources
Arsenic	ppb	50	None	4.0	0-49	Brosion of natural deposits; Runoff from orchards
Barium	ppm	2	2	0.04	0.008	Discharge of drilling wastes; Discharge from metal refineries; Brosion of natural deposits
Copper	ppm	13	AL=13	10.0	0-0.02	Corrosion of household plumbing systems; Bosion of natural deposits
Fluoride	ppm	4	4	0.78	029-1.13	Brosion of natural deposits; Water additive which promotes strong teeth
Nitale	ppm	10	10	0.42	0.03 - 1.02	Runoff from fertilizer use; Leaching from septic tanks, sewage; Brosion of natural deposits
Sodium	ppm			65	55.8 - 85.7	
Sulfate	ppm			79	44 - 124	
Turb idity	NTU	TT = 0.5 % ≤0.5		0.07 100**	0.02 - 0.23	Soilrunoff
Total Coliform	% of Samples	<	0	1.57*	0-1.57	Naturally present in the environment
Total Haloacetic acids (5)	ppb	60	none	28,4	7.8 - 47.8	By-product of drinking water drilorination.
Chloral hydraie	ppb		This group was tested as part of		1.1 - 69	By-product of drinking water drilorination.
Total Haloacelonitriles	ppb		the EPA's Information col- lection rule (ICR).		29-83	By-product of drinking water drilorination.
Total Haloketones	ppb		The analysis for the ICR were		0.5 - 3.3	By-product of drinking water drilorination.
Brom od ich lorom ethan e	ppb		done to gather information on additional by-		8-26	By-product from drinking water chlorination
Brom oform	ppb		products of dis- infection. Potential health		0-3	By-product from drinking water chlorination
Chlorodibrom om ethan e	ppb		effects of these compounds are		23 - 13	By-product from drinking water chilorination
Chloroform	ppb		notcompletely known.		43 - 35	By-product from drinking water chlorination
TTHIVIs (Total Trihalomethanes)	ppb	80	none	51	29-73.9	By-product of drinking water drilorination

Key To Table

MCL = Maximum Contam inant Level NTU = Nephelon etric Turbidity Units TT = Treatment Technique AL = Action Level MCLG = Maximum Contaminant Level Goal ppm = parts per million, or milliggams per liter (mg/l) ppb = parts per billion, or micrograms per liter (ug/l)

" maximum monthly average value "" Minimum monthly average value

An Explanation of the Water-Quality Data Table

The following table shows the substances for which the Water Quality Laboratory tests. Every regulated substance that we detected in the water, even in the most minute traces, is listed here. The table contains the name of each substance, the highest level allowed by regulation (MCL), the ideal goals for public health, the amount detected, the usual sources of such contamination, footnotes explaining our findings, and a key to units of measurement. Please note, the simple presence of a substance in drinking water does NOT necessarily indicate the drinking water poses a health risk. Certain quantities of some substances are essential to good health, but excessive quantities can be hazardous. Definitions of MCL and MCLG are important.

Maximum Contaminant Level or MCL: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal or 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.

Unregulated Contaminants

The City of Tempe has sampled our drinking water for the presence of the protozoan Cryptosporidium. Though rarely, Crytosporidium has been identified in the source water we receive, it has never been detected in our finished water supply.

During testing in 1996, Radon was not detected in our drinking water. The U.S. Environmental Protection Agency (EPA) is preparing a regulation which will specify a Maximum Contaminant Level for radon. Radon is a radioactive gas that occurs naturally in ground water and is released from water into the air during household use.

Required Additional Health Information

To ensure that tap water is safe to drink, EPA prescribes limits on the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water.

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

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and 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:

(A) Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.

(B) Inorganic contaminants, such as salts and metals, which can be naturally-occurring or result from urban storm runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.

(C) Pesticides and herbicides, which may come from a variety of sources such as agriculture, stormwater runoff, and residential uses.

(D) Organic chemical contaminants, including synthetic and volatile organics, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff and septic systems.

(E) Radioactive contaminants, which can be naturally-occurring or be the result of oil and gas production and mining activities.

Some people may be more vulnerable to contaminants in drinking water than is 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. EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium are available from the Safe Drinking Water Hotline (800-426-4791).

National Primary Drinking Water Regulation Compliance

As a result of administrative oversight our office failed to submit a report required under the National Primary Drinking Water Regulations. This violation had no impact on the quality of the water our customers received, and it posed no risk to public health. We have established a report tickler file to ensure that all reporting requirements are met in the future.

If other people, such as tenants, residents, patients, students, or employees, receive water from you, it is important that you provide this notice to them by posting it in a conspicuous location or by direct hand or mail delivery.

This report was prepared using CCR builder and technical assistance provided by the American Water Works Association.

Consult our Web site at [www.tempe.gov/water] and, for further information, see U.S. Environmental Protection Agency (EPA) water information at www.epa.gov/safewater/. Water Quality Data for community water systems throughout the United States is available at www.waterdata.com.

For more information, call City of Tempe's Water Quality Laboratory at 480-350-8330