

Central Gaither School
2011 Water Quality Consumer Confidence Report
Public Water System Number 5100150

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

For additional information concerning your drinking water, contact Steve Plaxco at 530-822-5252

The domestic water for the Central Gaither School originates from one groundwater source known as new Well #2. All water for drinking and cooking is provided by bottled water.

DEFINITIONS OF SOME OF THE TERMS USED IN THIS REPORT:

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 technologically, and economically feasible.

Primary Drinking Water Standards (PDWS): MCLs for Contaminants that affect health along with their monitoring and reporting requirements, and surface 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 Environmental Protection Agency.

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 Federal Environmental Protection Agency (USEPA).

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

pCi/L: picocuries per liter (a measure of radiation)

ppb: parts per billion or micrograms per liter

ppm: parts per million or milligrams per liter

nd: non detectable at testing limit

TDS: Total Dissolved Solids

MICROBIOLOGICAL WATER QUALITY:

Testing for bacteriological Contaminants in the distribution system is required by State regulations. This testing is done regularly to verify that the water system is free from coliform bacteria. The minimum number of tests required per month is one. In our distribution system, we test the water once per month for coliform bacteria. The highest number of samples found to contain coliform bacteria during any one month was zero.

LEAD & COPPER TESTING RESULTS:

Lead & copper testing of water from individual taps in the distribution system is required by State regulations. The table below summarizes the most recent sampling for lead and copper.

	Year	Number of samples collected	# of above AL	90 th Percentile Result (ppb)	AL	MCLG
Lead	2011	10	0	5.7	15	2
Copper	2009	10	0	104.0	1300	170

DETECTED CONTAMINANTS IN OUR WATER:

The following table gives a list of all detected chemicals in our water during the most recent sampling. Please note that not all sampling is required annually so in some cases our results are more than one year old. These values are expressed in ppm unless otherwise stated.

Updated 4/30/10

Chemical Detected	Year Test	Level Detect	MCL	PHG	Origin
Arsenic	2011	4.3ppb	10	.004	Erosion & leaching of natural deposits; runoff from orchards; glass and electronics production wastes
Barium	2011	583ppb	1000	2000	Discharge of oily drilling wastes and from metal refineries, Erosion & leaching of natural deposits
Iron	1998	2800ppb	300	None	Erosion & leaching of natural deposits
Manganese	2005	456ppb	50	None	Erosion & leaching of natural deposits
Sodium	2005	112ppm	None	None	Erosion & leaching of natural deposits
Hardness	1999	760ppm	None	None	Erosion & leaching of natural deposits
TDS	1999	2200ppm	1500	None	Erosion & leaching of natural deposits
Chloride	1999	1100ppm	600	None	Erosion & leaching of natural deposits
Gross Alpha	1999	1.19pCi/L	15	None	Erosion & leaching of natural deposits

GENERAL INFORMATION ON DRINKING WATER:

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 USEPA's Safe Drinking Water Hotline at 1-800-426-4791.

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 individuals, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. The USEPA/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 at 1-800-426-4791.

Arsenic:

While your drinking water meets the current standard for arsenic, it does contain low levels of arsenic. The standard balances the current understanding of arsenic's possible health effects against the cost of removing arsenic from drinking water. The California Department of Health Services continues to research the health effects of low levels of arsenic, which is a mineral known to cause cancer in humans at high concentrations and is linked to other health effects such as skin damage and other circulatory problems.

Lead: Infants and young children are typically more vulnerable to lead in drinking water than the general population. It is possible that lead levels at your home may be higher than at other homes in the community as a result of materials used in your home's plumbing. If you are concerned about elevated lead levels in your home's water, you may wish to have your water tested and flush your tap for 30 seconds to 2 minutes before using tap water. Additional information is available from the Safe Drinking Water hotline (1-899-426-4791).

SOURCE WATER ASSESSMENT:

A source water assessment has been completed for the well serving Central Gaither School. The source is considered most vulnerable to the following activities not associated with any detected contaminants:

High-density septic systems

A copy of the complete assessment may be viewed at
DHS Valley District Office or at YCUSD Maintenance
415 Knollcrest Drive, Suite 110 1512 Stewart Road
Redding, CA 96002 Yuba City, CA 95993
Richard Hinrichs, 530-224-4867 Steve Plaxco, 530-822-5252

VIOLATION INFORMATION:

State records indicate that Well #2 exceeds the MCL for iron, manganese, TDS, and chlorides. The water also causes the system to exceed the Lead action level. The State has temporarily permitted the use of bottled water to comply with these standards.

This site provides bottled drinking and cooking water at a variety of locations for public use – all drinking fountains have been disabled and posted.

ADDITIONAL INFORMATION: