

Yuba City Unified School District – Transportation Yard  
 2011 Water Quality Consumer Confidence Report  
 Public Water System Number 5105006

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

Water for the Yuba City Unified School District's Transportation Yard originates from one groundwater sources known as Well #1.

**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 one (1).

**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 <sup>th</sup> Percentile Result (ppb)	AL	MCLG
Lead	2009	5	0	3.6	15	2
Copper	2009	5	0	1291.5	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	Level Detected	MCL	PHG	Origin
Arsenic	2011	9.0 ppb	10	.004	Erosion & leaching of natural deposits
Barium	2011	ND	1000	2	Discharge of oily drilling wastes and from metal refineries, Erosion & leaching of natural deposits
Nickel	2011	ND	100	12	Erosion & leaching of natural deposits
Nitrate (NO <sub>3</sub> )	2011	ND	45	45	Runoff and leaching from fertilizer use; leaching from septic tanks, sewage; Erosion & leaching of natural deposits
Iron	2005	337 ppb	300	None	Erosion & leaching of natural deposits
Copper	2005	230 ppb	1000	None	Erosion & leaching of natural deposits
Manganese	2005	1040 ppb	50	None	Erosion & leaching of natural deposits
Sodium	2005	46.3 ppm	None	None	Erosion & leaching of natural deposits
Hardness	2005	489 ppm	None	None	Erosion & leaching of natural deposits
TDS	2005	609 ppm	1500	None	Erosion & leaching of natural deposits
Chloride	2005	166 ppm	600	None	Erosion & leaching of natural deposits
Sulfate	2005	49.2 ppm	600	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:**

Some people who drink water containing arsenic in excess of the MCL over many years could experience skin damage or problems with their circulatory systems, and may have an increased risk of getting cancer

**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 the Yuba City Unified School District's Transportation Yard. The source is considered most vulnerable to the following activities not associated with any detected contaminants:

**Well1:** Above ground storage tanks, agricultural drainage, pesticide/herbicide applications.

A copy of the complete assessment may be viewed at  
 DHS Valley District Office or at Maintenance Supervisor below  
 415 Knollcrest Drive, Suite 110 1512 Stewart Road  
 Redding, CA 96002 Yuba City, CA 95991  
 Richard Hinrichs, 530-224-4867 Steve Plaxco, 530-822-5252

**VIOLATION INFORMATION:**

State records indicate that Well #1 exceeds the action level for manganese.

This site provides bottled drinking and cooking water at a variety of locations for public use.

**ADDITIONAL INFORMATION:**

A new pressure tank and distribution system was installed at the core "shop" area of the site during winter 2011. During the construction, the system was sampled and found to contain coliform bacteria. The system was disinfected, but further system pressure shutdowns are anticipated until the construction is 100% completed prior to August 2012, at which time the entire system will be disinfected again. Bottle water is provided for drinking and cooking.