

TEST RESULTS (COLLECTED IN 2005 UNLESS NOTED) (SEE DEFINITIONS BOX)

NE3112703

4/21/2006

Lead & Copper		Date Sampled: 08/01/2004						Likely Source of Contamination	
Lead MCLG	Lead Action Level (AL)	Lead 90th Percentile	#Sites Over Lead AL	Copper MCLG	Copper Action Level (AL)	Copper 90th Percentile	#Sites Over Copper AL	Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing systems	
0 ppb	15 ppb	1 ppb	0	1.3 ppm	1.3 ppm	0.565 ppm	0		
REGULATED CONTAMINANTS		Highest Level Detected	Range of Levels Detected	Unit of Measurement	MCLG	MCL	Violation	Likely Source of Contaminant	
Disinfectants & Disinfection By-Products									
Total Haloacetic Acids (HAA5)		5.26	n/a	ppb	n/a	60	No	By-product of drinking water chlorination	
Total Trihalomethanes (TTHMs)		26.6	n/a	ppb	n/a	80	No	By-product of drinking water chlorination	
Inorganic Contaminants									
Arsenic	7/5/2005	2.22	n/a	ppb	n/a	50	No	Erosion of natural deposits; Runoff from orchards; Runoff from electronics production wastes	
Barium	1/2/2002	0.17	n/a	ppm	2	2	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits	
Fluoride	1/2/2002	1.2	n/a	ppm	4	4	No	Erosion of natural deposits; Water additive which promotes strong teeth; Fertilizer discharge	
Nickel	11/17/2003	3.07	n/a	ppb	n/a	100	No	Erosion of natural deposits; Leaching	
Nitrate-Nitrite	4/2005	2.9	n/a	ppm	10	10	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits	
UNREGULATED CONTAMINANTS									
Contaminant		Highest Level Detected	Range of Levels Detected	Unit of Measurement	Note: The state requires monitoring of certain contaminants less than once per year because the concentrations of these contaminants do not change frequently. Therefore, some of this data may be more than one year old.				
Bromodichloromethane	08/22/2005	5.9	n/a	ppb	DEFINITIONS: MCL (Maximum Contaminant Level): 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. MCLG (Maximum Contaminant Level Goal): 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. AL (Action Level): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow. ppm : parts per million; ppb : parts per billion; pCi/l : picoCuries per liter (measurement of radioactivity).				
Bromoform	8/22/2005	6.7	n/a	ppb					
Chloroform	08/22/2005	2	n/a	ppb					
Dibromochloromethane	08/22/2005	12	n/a	ppb					
Sulfate	11/17/2003	64	n/a	ppm					

How can you help keep Auburn's water safe?

Hose Bibb Vacuum Breakers will prevent contaminants from being drawn back into the drinking water supply if a change in water pressure occurs. In California, a man was spraying arsenic on a driveway area using an aspirator attached to a garden hose. The arsenic was back-siphoned into the hose by a reversal in pressure caused when the Fire Department was flushing hydrants two blocks away. After disconnecting the hose, the man took a drink from the hose bib. Twelve minutes later he was dead. A simple device called a hose-bibb vacuum breaker could have saved this man's life.



HOSE-BIBB VACUUM BREAKER

