

TEST RESULTS							
Microbiological Contaminants	MCL	MCLG	Level Detected	Range	Sample Date	Violation Y/N	Likely Source of Contamination
Total Coliform Bacteria	>1 positive monthly sample	0	2	0-2	11/2009 & 12/2009	N*	Naturally present in the environment and can be introduced during construction of new water mains.
E. coli	0	0	2	0-2	11/2009	N*	Human and animal fecal waste and can be introduced during construction of new water mains.
Turbidity	TT=1 NTU for a single measurement	0	0.098 NTU (a)	n/a	9/20/2009	N	Soil runoff
	TT= at least 95% of monthly samples <0.3 NTU		100% Below Limit	n/a	n/a	N	
Inorganic Contaminants	MCL	MCLG	Level Detected	Range	Sample Date	Violation Y/N	Likely Source of Contamination
Arsenic (ppb)	10	0	0.9	<0.5 - 0.9 (b)	2/13/2009	N	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes.
Barium (ppm)	2	2	0.062	0.015 - 0.062 (b)	4/3/2009	N	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Nickel (ppm)	0.1	0.1	0.009	0.003 - 0.009 (b)	2/28/2006	N	Erosion of natural deposits
Nitrate (as Nitrogen) (ppm)	10	10	1.7	0.03 - 1.7 (c)	2/13/2009	N	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Organic Chemical Contaminants	MCL	MCLG	Level Detected	Range	Sample Date	Violation Y/N	Likely Source of Contamination
Total Trihalomethanes (TTHMs) (ppb)	80	n/a	29	0 - 57 (d)	Quarterly	N	By-product of drinking water chlorination
Haloacetic Acids (HAA) (ppb)	60	n/a	15	0 - 22 (d)	Quarterly	N	By-product in drinking water disinfection
Radionuclides	MCL	MCLG	Level Detected	Range	Sample Date	Violation Y/N	Likely Source of Contamination
Alpha emitters (pCi/l)	15	0	7.85	0.69 - 7.85 (e)	9/19/2003	N	Erosion of natural deposits
Combined radium (pCi/l)	5	0	1.14	0.01 - 1.14 (e)	9/19/2003	N	Erosion of natural deposits
Uranium(ug/l)	30	0	1.91	0.0 - 1.91 (e)	9/19/2003	N	Erosion of natural deposits
Disinfectants	MRDL	MRDLG	Level Detected	Range	Sample Date	Violation Y/N	Likely Source of Contamination
Chlorine (ppm)	4	4	0.75	0.39 - 0.75	Monthly	N**	Water additive used to control microbes.
Lead / Copper	AL	MCLG	Level Detected	Number of sites found above the AL		Likely Source of Contamination	
Lead (ppb)	15	0	1.9 (f)	Zero sites above the AL out of 30 sites sampled		Corrosion of household plumbing systems; erosion of natural deposits	
Copper (ppm)	1.3	1.3	0.129 (f)	Zero sites above the AL out of 30 sites sampled		Corrosion of household plumbing systems, erosion of natural deposits; leaching from wood preservatives	

(a) On September 20, 2009, the highest reading of 0.098 was observed. However, this level is still well below the MCL. In September 2009, the month of highest turbidity (avg. 0.068), 100% of the samples were below the turbidity limit of 0.3 ntu.

(b) Sampling required every 3 to 9 years depending on the Entry Point sampling requirements

(c) Sampling required annually

(d) For TTHMs and HAAs, the "level detected" represents the 2009 yearly average of the ranges detected. Of the 46 TTHM samples taken, none were above the MCL; and of the 46 HAA samples taken, none were above the MCL, therefore no violation occurred.

Samples are required throughout the distribution system quarterly.

(e) Last sample taken in 2003.

(f) The level detected represents the 90th percentile of the samples taken. None of the Lead and Copper samples taken exceeded the action level. Sampling is required every three years; last sample taken in 2007.

***During November and December of 2009, water mains were being replaced. As a precautionary measure, the effected users were notified prior to construction and placed on boil advisory prior to the work being done. These users were never at risk. The results of our special follow-up samples verified that no such harmful fecal coliform or E. coli were present.**

** Chlorine Residual is monthly average value in mg/L.