

2013 WATER QUALITY REPORT FOR MOUNT VERNON WATER SUPPLY

This report contains important information regarding the water quality in our water system. The source of our water is groundwater. Our water quality testing shows the following results:

CONTAMINANT	MCL - (MCLG)	Compliance		Date	Violation Yes/No	Source
		Type	Value & (Range)			
Lead (ppb)	AL=15 (0)	90th	3.00 (ND - 31) 1 sample(s) exceeded AL	2013	No	Corrosion of household plumbing systems; erosion of natural deposits
Copper (ppm)	AL=1.3 (1.3)	90th	0.22 (ND - 0.34)	2013	No	Corrosion of household plumbing systems; Erosion of natural deposits; Leaching from wood preservatives
950 - DISTRIBUTION SYSTEM						
Chlorine (ppm)	MRDL=4.0 (MRDLG=4.0)	RAA	1.9 (0.9 - 3.3)	03/31/2013	No	Water additive used to control microbes
Total Coliform Bacteria	Presence of coliform bacteria in >5% of monthly samples (0)	TCR	1 sample(s) positive	02/28/2013	No	Naturally present in the environment
05 - FINISHED WATER TAP, #5, #6, & #7						
Fluoride (ppm)	4 (4)	SGL	0.87	02/25/2013	No	Water additive which promotes strong teeth; Erosion of natural deposits; Discharge from fertilizer and aluminum factories
Barium (ppm)	2 (2)	SGL	0.13	02/25/2013	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Sodium (ppm)	N/A (N/A)	SGL	57	12/31/2013	No	Erosion of natural deposits; Added to water during treatment process
06 - FINISHED WATER TAP, #9 & #10						
Alpha Emitters (pCi/L)	15 (0)	SGL	2.8	04/06/2010	No	Erosion of natural deposits
Combined Radium (pCi/L)	5 (0)	SGL	2.3	04/06/2010	No	Erosion of natural deposits
Arsenic (ppb)	10 (0)	SGL	2.00	08/15/2011	No	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronic production wastes

Note: Contaminants with dates indicate results from the most recent testing done in accordance with regulations.

DEFINITIONS

- Maximum Contaminant Level (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 (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.
- ppb – parts per billion.
- ppm -- parts per million.
- pCi/L – picocuries per liter
- N/A -- Not applicable
- ND -- Not detected
- RAA – Running Annual Average