

Federally Regulated or Monitored Contaminants					
Substance Sampled	Range of Detections	Sample Date	Maximum Contaminant Level	Maximum Contaminant Level Goal	Possible Source
<b>Detected Inorganic Contaminants</b>					
Barium (ppm)	0.023 - 0.058	5/28/09	2	2	Discharge of drilling waste; discharge from metal refineries; erosion of natural deposits.
Chromium (ppb)	1.42 - 5.21	5/28/09	100	100	Discharge from steel and pulp mills; erosion of natural deposits.
Flouride (ppm)	0.18 - 0.2	2010	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories.
Nitrate (ppm)	0-0.25	2010	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits.
Beta/photon emitters (pCi/L)	0-4.2	5/28/09	50	0	Decay of natural and man-made deposits.
<b>Detected Organic Contaminants</b>					
Di (2-ethylhexyl) phthalate (ppb)	0-0.66	2010	6	0	Discharge from rubber and chemical factories.
<b>Constituents Affecting Disinfection</b>					
Chlorine residual	2.4 - 3.5	2010	4.0	<4.0	Disinfectant used to control microbes.
Total Organic Carbon (TOC) in raw water	4.13 – 5.98	2010	NA	NA	Naturally present in the environment.
TOC in drinking water	1.27 - 2.97	2010	NA	NA	Naturally present in the environment.
% Removal of TOC	39.1 - 75.7	2010	NA	NA	NA
<b>Disinfection By-Products</b>					
Total Trihalo-Methanes (ppb)	9.2 – 59.8	2010	80	No goal	By-product of drinking water disinfection.
Total Haloacetic Acids (ppb)	2 – 40.7	2010	60	No goal	
<b>Unregulated Contaminants Disinfection By-Products</b>					
Chloroform	2.61 - 27.3	2010	There is no maximum contaminant level of these chemicals at the entry point to the distribution system.		By-products of drinking water disinfection.
Bromoform	0 - 2.5	2010			
Bromodichloro-methane	2 – 22.3	2010			
Dibromochloro-methane	2.1 - 10.2	2010			
<b>Contaminants Regulated at the Customer's Tap – Sampled Aug.-Sept. 2010</b>					
Substance	90 <sup>th</sup> Percentile		Action Level (AL)	# Sites exceeding AL	Possible Source
Lead (ppb)	1.4		15	0	Corrosion of household plumbing system; erosion of natural deposits.
Copper (ppm)	0.0026		1.3	0	
<b>Treatment Requirement</b>					
Substance	Single Highest Measurement		Lowest Monthly % Samples Meeting Limits	Limits	Possible Source
Turbidity	0.24		100	0.3	Soil runoff.

#### Definitions of the Terms Used in the Tables

**Maximum Contaminant Level (MCL)** - The highest permissible level of a contaminant 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 health risk. MCLGs allow for a margin of safety.

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

**Nephelometric Turbidity Units (NTU)** - Measure of the clarity in drinking water; the lower the better. Must be <0.5 NTU in 95% of monthly samples.

**ppm - Parts per million.** One part per million equals one packet of artificial sweetener added to 250 gallons of ice tea.

**ppb - Parts per billion.** One part per billion is equal to one packet of sweetener added to an Olympic-size swimming pool.

**pCi/L - Picocuries per liter-** A measure of radioactivity.