

2012 Consumer Confidence Report for The City of West Point Water System

The table below lists all the drinking water contaminants that we detected during the 2012 calendar year. The presence of these contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data presented in this table is from testing done January 1, 2012 through December 31, 2012. EPD requires us to monitor for certain contaminants less than once per year because the concentration of these contaminants are not expected to vary significantly from year to year. Some of the data, though representative of the water quality, is more than one year old.

Terms & Abbreviations used below:

- **Maximum Containment Level Goal (MCLG):** the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLG allows for a margin of safety.
- **Maximum Containment 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.
- **Action Level (AL):** the concentration of a contaminant which, when exceeded, triggers treatment or other requirements which a water system must follow.
- **n/a:** not acceptable.
- **ppb:** parts per billion or micrograms per liter.
- **ppm:** parts per million or milligrams per liter.
- **Nephelometric Turbidity Unit (NTU):** Nephelometric turbidity unit is a measurement of the clarity of water. Turbidity in quantities of less than 5 NTU is not noticeable to the average human eye.
- **Treatment Technique (TT):** A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

Regulated Inorganic Substances Detected in Treated Water Entering Distribution System							
Substance	MCL	MCLG	West Point Water System Maximum	Detected Range	Violation	Sample Date	Typical Source of Contamination
Chlorine (PPM)	4	1.8 - 2.4	2.3	1.6-2.3	NO	2012	Drinking water disinfectant added for treatment
Fluoride (PPM)	4	0.8 - 1.0	1.09	0.7 - 1.09	NO	2012	Water additives which promote strong teeth
Total Organic Carbon (PPM)	TT	N/A	1.6	1.3-1.6	NO	2012	Naturally present in the environment
Filtered Turbidity (NTU)	.3 or less 95% of Time Never to Exced 1 NTU	0 NTU	0.11 NTU	0.03 - 0.11 NTU	NO	2012	Soil runoff and erosion
Microbiological Contaminant Substances Detected in Treated Water at the Tap							
Substance	MCL	MCLG	West Point Water System Maximum	Detected Range	Violation	Sample Date	Typical Source of Contamination
Total Coliform Bacteria	< 5% Positive	0% Positive	0% Positive	0% Positive	NO	2012	Naturally Occuring
Fecal Coliform Bacteria	<5% Positive	0% Positive	0% Positive	0% Positive	NO	2012	Human and animal waste
Regulated Inorganic Substances Detected in Treated Water at the Tap							
Substance	MCL	MCLG	West Point Water System 90th Percentile	Number of Samples Above Allowable Limit	Violation	Sample Date	Typical Source of Contamination
Lead (PPB)	15	N/A	2.5	0	NO	2011	Corrosion of household plumbing
Copper (PPM)	1.3	N/A	0.21	0	NO	2011	Corrosion of household plumbing