

The data presented in this report are from the most recent testing done in accordance with administrative regulations in 401 KAR Chapter 8. As authorized and approved by EPA, the State has reduced monitoring requirements for certain contaminants to less often than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year. Some of the data in this table, though representative, may be more than one year old. Unless otherwise noted, the report level is the highest level detected.

**Regulated Contaminant Test Results**

Contaminant [code] (units)	MCL	MCLG	Report Level	Range of Detection	Date of Sample	Violation	Likely Source of Contamination
<b>Inorganic Contaminants</b>							
Arsenic [1005] (ppb)	10	N/A	1.100	1.1 to 1.1	Jan-17	No	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
<b>Arsenic:</b> While your drinking water meets EPA's standard for arsenic, it does contain low levels of arsenic. EPA's standard balances the current understanding of arsenic's possible health effects of low levels of arsenic, which is a mineral known to cause cancer in humans at high concentrations and is linked to other health affects such as skin damage and circulatory problems.							
Copper [1022] (ppm) sites exceeding action level 0	AL = 1.3	1.3	0.082 (90 <sup>th</sup> percentile)	0.002 to 0.557	Jun-17	No	Corrosion of household plumbing systems
Lead [1030] (ppb) sites exceeding action level 0	AL = 15	0	3.6 (90 <sup>th</sup> percentile)	0 to 21.5	Jun-17	No	Corrosion of household plumbing systems
Nitrate [1040] (ppm)	10	10	4.66	0 to 4.66	Jul-17	No	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Selenium [1045] (ppb)	50	50	1.700	1.7 to 1.7	Jan-17	No	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
<b>Disinfectants/Disinfection Byproducts and Precursors</b>							
Chlorine (ppm)	MRDL = 4	MRDLG = 4	0.95 (highest average)	0.54 to 1.2	N/A	No	Water additive used to control microbes.
HAA (ppb) (all sites) [Haloacetic acids]	60	N/A	7 (system average)	7 to 7 (range of system sites)	N/A	No	Byproduct of drinking water disinfection
TTHM (ppb) (all sites) [total trihalomethanes]	80	N/A	27 (system average)	26 to 27 (range of system sites)	N/A	No	Byproduct of drinking water disinfection

Secondary contaminants do not have a direct impact on the health of consumers and are not required in the Consumer Confidence Report. They are being included to provide addition information about the quality of the water.

Secondary Contaminant	Maximum Allowable Level	Report Level	Range of Detection	Date of Sample
Fluoride	2.0 mg/l	0.917	0.917 to 0.917	Jan-17
Sodium	optimum level =20 mg/L	156	156 to 156	Jan-17