

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
Microbiological Contaminants							
Total Coliform Bacteria # or % positive samples	1	0	1	N/A	Jul-17	No	Naturally present in the environment
Inorganic Contaminants							
Barium [1010] (ppm)	2	2	0.043	0.043 to 0.043	Feb-17	No	Drilling wastes; metal refineries; erosion of natural deposits
Copper [1022] (ppm) sites exceeding action level 0	AL = 1.3	1.3	0.03185 (90 th percentile)	0.0098 to 0.0371	Jun-17	No	Corrosion of household plumbing systems
Fluoride [1025] (ppm)	4	4	0.59	0.59 to 0.59	Feb-17	No	Water additive which promotes strong teeth
Lead [1030] (ppb) sites exceeding action level 0	AL = 15	0	0.53 (90 th percentile)	0 to 1.06	Jun-17	No	Corrosion of household plumbing systems
Nitrate [1040] (ppm)	10	10	3.9	2.89 to 3.9	Feb-17	No	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Disinfectants/Disinfection Byproducts and Precursors							
Chlorine (ppm)	MRDL = 4	MRDLG = 4	0.84 (highest average)	0.22 to 1.08	2017	No	Water additive used to control microbes.
HAA (ppb) (all sites) [Haloacetic acids]	60	N/A	3 (system average)	3 to 3 (range of system sites)	Aug-17	No	Byproduct of drinking water disinfection
TTHM (ppb) (all sites) [total trihalomethanes]	80	N/A	2 (system average)	2 to 3 (range of system sites)	Aug-17	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 additional information about the quality of the water.

Secondary Contaminant	Maximum Allowable Level	Report Level	Range of Detection	Date of Sample
Sodium	optimum level =20 mg/L	6.3	6.3 to 6.3	Feb-17

