

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.

	Allowable Levels	Highest Single Measurement	Lowest Monthly %	Violation	Likely Source
Turbidity (NTU) TT * Representative samples of filtered water	No more than 1 NTU* Less than 0.3 NTU in 95% of monthly samples	0.051	100	No	Soil runoff

Regulated Contaminant Test Results

Contaminant [code] (units)	MCL	MCLG	Report Level	Range of Detection	Date of Sample	Violation	Likely Source of Contamination
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Microbiological Contaminants

Total Coliform Bacteria # or % positive samples	1	0	1	N/A	2015	No	Naturally present in the environment
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Radioactive Contaminants

Combined radium (pCi/L)	5	0	1.51	1.51 to 1.51	Feb-14	No	Erosion of natural deposits
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Inorganic Contaminants

Barium [1010] (ppm)	2	2	0.012	0.012 to 0.012	Feb-14	No	Drilling wastes; metal refineries; erosion of natural deposits
Copper [1022] (ppm) sites exceeding action level 0	AL = 1.3	1.3	0.094 (90 th percentile)	0 to 0.34	Jun-13	No	Corrosion of household plumbing systems
Fluoride [1025] (ppm)	4	4	1.1	1.1 to 1.1	Feb-14	No	Water additive which promotes strong teeth
Lead [1030] (ppb) sites exceeding action level 1	AL = 15	0	7.3 (90 th percentile)	0 to 20	Jun-13	No	Corrosion of household plumbing systems

Disinfectants/Disinfection Byproducts and Precursors

Chlorine (ppm)	MRDL = 4	MRDLG = 4	1.25 (highest average)	0.84 to 1.55	2015	No	Water additive used to control microbes.
TTHM (ppb) (Stage 2) [total trihalomethanes]	80	N/A	5 (high site average)	2.5 to 5.8 (range of individual sites)	2015	No	Byproduct of drinking water disinfection.

Unregulated Contaminants (UCMR 3)	average	range (ppb)	date
strontium	20.500	18 to 22	Mar-14

EPA has not established drinking water standards for unregulated contaminants. There are no MCL's and therefore no violations if found.