

To understand the possible health effects described for many regulated contaminants, a person would have to drink 2 liters of water every day at the MCL level for a lifetime to have a one-in-a-million chance of having the described health effect.

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. **Copies of this report are available upon request by contacting our office during business hours.**

Regulated Contaminant Test Results BEECH FORK WATER COMMISSION (KY0990281)

Contaminant [code] (units)	MCL	MCLG	Report Level	Range of Detection	Date of Sample	Violation	Likely Source of Contamination
Inorganic Contaminants							
Barium [1010] (ppm)	2	2	0.017	0.017 to 0.017	Apr-23	No	Drilling wastes; metal refineries; erosion of natural deposits
Fluoride [1025] (ppm)	4	4	0.83	0.83 to 0.83	Apr-23	No	Water additive which promotes strong teeth

Disinfection Byproduct Precursor

Total Organic Carbon (ppm) (measured as ppm, but reported as a ratio)	TT*	N/A	1.37 (lowest average)	1 to 1.67 (monthly ratios)	2023	No	Naturally present in environment.
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*Monthly ratio is the % TOC removal achieved to the % TOC removal required. Annual average must be 1.00 or greater for compliance.

Other Constituents

Turbidity (NTU) TT * Representative samples	Allowable Levels	Highest Single Measurement	Lowest Monthly %	Violation	Likely Source of Turbidity
Turbidity is a measure of the clarity of the water and not a contaminant.	No more than 1 NTU* Less than 0.3 NTU in 95% of monthly samples	0.22	100	No	Soil runoff

Regulated Contaminant Test Results CLAY CITY WATER WORKS (KY0990074)

Contaminant [code] (units)	MCL	MCLG	Report Level	Range of Detection	Date of Sample	Violation	Likely Source of Contamination
Disinfectants/Disinfection Byproducts							
Chlorine (ppm)	MRDL = 4	MRDLG = 4	1.62 (highest average)	1.19 to 2.08	2023	No	Water additive used to control microbes.
HAA (ppb) (Stage 2) [Haloacetic acids]	60	N/A	29 (high site average)	6 to 48 (range of individual sites)	2023	No	Byproduct of drinking water disinfection
TTHM (ppb) (Stage 2) [total trihalomethanes]	80	N/A	30 (high site average)	4 to 43 (range of individual sites)	2023	No	Byproduct of drinking water disinfection.

Household Plumbing Contaminants

Copper [1022] (ppm) sites exceeding action level 0	AL = 1.3	1.3	0.089 (90 th percentile)	0.003 to 0.17	Jun-22	No	Corrosion of household plumbing systems
Lead [1030] (ppb) sites exceeding action level 0	AL = 15	0	6 (90 th percentile)	0 to 9	Jun-22	No	Corrosion of household plumbing systems

Violation #: 2023-9674119: (Consumer Confidence Rule) The Clay City Water System recently received a violation. When sending out the primary distribution of the Consumer Confidence Report last year, the URL link was incorrect and therefore, inaccessible. We have since corrected the issue and have returned to compliance. If you would like a copy of the CCR, please feel free to contact our office.

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.