

PWSID: KY0420405
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Spanish (Español) Este informe contiene información muy importante sobre la calidad de su agua beber. Tradúzcalo o hable con alguien que lo entienda bien.

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 South Graves Water District							
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	0.01	0.01 to 0.01	Aug-20	No	Drilling wastes; metal refineries; erosion of natural deposits
Fluoride [1025] (ppm)	4	4	0.71	0.71 to 0.71	Aug-20	No	Water additive which promotes strong teeth
Nitrate [1040] (ppm)	10	10	0.775	0.775 to 0.775	Sep-22	No	Fertilizer runoff; leaching from septic tanks, sewage; erosion of natural deposits
Disinfectants/Disinfection Byproducts and Precursors							
Chlorine (ppm)	MRDL = 4	MRDLG = 4	1.19 (highest average)	0.76 to 1.87	2022	No	Water additive used to control microbes.
HAA (ppb) (Stage 2) [Haloacetic acids] (Annual Sample)	60	N/A	2 (high site)	0 to 2 (range of individual sites)	2022	No	Byproduct of drinking water disinfection
Household Plumbing Contaminants							
Copper [1022] (ppm) Round 1 sites exceeding action level 0	AL = 1.3	1.3	0.062 (90 th percentile)	0.01 to 0.08	Sep-19	No	Corrosion of household plumbing systems
Lead [1030] (ppb) Round 1 sites exceeding action level 0	AL = 15	0	0 (90 th percentile)	0 to 2	Sep-19	No	Corrosion of household plumbing systems
			Average	Range of Detection			
Sodium (EPA guidance level = 20 mg/L)			14.3	14.3 to 14.3			

Secondary contaminants do not have a direct impact on the health of consumers. 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
Chloride	250 mg/l	4.1	4.1 to 4.1	Sep-22
Color	15 color units	5	5 to 5	Sep-22
Copper	1.0 mg/l	0.01	0.01 to 0.01	Sep-22
Corrosivity	Noncorrosive	-2.29	-2.29 to -2.29	Sep-22
Fluoride	2.0 mg/l	0.91	0.91 to 0.91	Sep-22
pH	6.5 to 8.5	7.1	7.1 to 7.1	Sep-22
Sulfate	250 mg/l	0.7	0.7 to 0.7	Sep-22
Total Dissolved Solids	500 mg/l	106	106 to 106	Sep-22
Zinc	5 mg/l	0.04	0.04 to 0.04	Sep-22

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.