

YOUR WATER QUALITY MONITORING RESULTS

Contaminant	MCL	MCLG	LEVEL DETECTED	VIOLATION Y/N	UNIT MEASUREMENT	Likely Source of Contamination
Chlorine (C12)	4.0 mg/L	4.0 mg/L	0.50-0.1.2	-	-	Water additive to control microbes

Microbial Contaminants

Total Coliform Bacteria	0	0	-	N	-	Naturally present in environment
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Inorganic Contaminants 9/25/19 – SOURCE 1

Nitrates S1 09/25/19	10.0	-	<0.20	N	Mg/L	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
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Inorganic Contaminants 9/25/19 – SOURCE 2

Nitrates S2 09/25/19	10	10	<0.20	N	Mg/L	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
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Inorganic Contaminants 9/25/19 – SOURCE 3

Nitrates S3 09/25/19	10	10	<0.20	N	Mg/L	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Iron S3	0.3	-	<0.10	N	Mg/L	Naturally Occurring
Manganese S3	0.3	-	0.014	N	Mg/L	Naturally Occurring

Inorganic Contaminants 9/25/19 SOURCE 4

Nitrates S4	10	10	<0.20	N	Mg/L	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
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Inorganic Contaminants 9/5/19 SOURCE 5

Nitrates S5	10	10	<0.20	N	Mg/L	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Iron S5	0.3	-	0.52	N	Mg/L	Naturally Occurring
Manganese S5	0.3	-	0.012	N	Mg/L	Naturally Occurring

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Chloride S5	250	-	10.9	N	Mg/L	
Sulfate S5	250	-	8.9	N	Mg/L	
SodiumS5	-	-	22.1	N	Mg/L	
Hardness S5	-	-	171.0	N	Mg/L	
Conductivity S5	700	-	316.7	N	µmhos/com	Ability of water to conduct electrical current
Turbidity S5	-	-	4.27	-	-	

Volatile Organic Contaminants Disinfection By-Products 09/25/19 – SOURCE 3

TTHM (Total Trihalomethanes)	80 depending on size/treatment	-	0.92	N	Ug/L	By-product of drinking water chlorination
HAA5 (Haloacetic Acid)	60	-	ND	N	Ug/L	By-product of drinking water chlorination
Arsenic	0.010		0.0068	N	Mg/L	Naturally Occurring
Chloroform	0.5	0.5	0.92	N	µg/L	By-product of drinking water chlorination

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LEAD AND COPPER

Primary Contaminants	Year Tested	MCLG	UNITS	ACTION LEVEL	90TH PERCENTILE	SAMPLES > AL	VIOLATION Y/N	Major Sources in Drinking Water
Copper	2017	1.3	ppm	1.3	0.44	0 of 5	N	Corrosion of household plumbing systems; erosion of natural deposits
Lead	2017	0	ppm	0.015	0.002	0 of 5	N	Corrosion of household plumbing systems; erosion of natural deposits

The maximum contaminant level goal (MCLG) is the level of a contaminant in drinking water below which there are no known or expected risks to health. MCLGs allow for a margin of safety. The regulatory limits for lead and copper are called action levels. An exceedance occurs when the concentration of the lead or copper in more than 10 percent of the tap water samples exceeds an action level.

- The MCLG for lead is “0” and the action level is 15 ppb (or .015 mg/L).
- The MCLG and action level for copper is 1,300 ppb (or 1.3 mg/L).

Lead or copper action level exceedances will trigger corrosion control treatment or other requirements. We will notify all water users if our system exceeds the lead action level.