

TEST RESULTS

Microbiological	Highest Number of Positive Samples	MCL		MCLG		Likely Source of Contamination		Violations Present
No Detected Results were Found in the Calendar Year of 2024								
Lead and Copper	Monitoring Period	90th Percentile	Range	Unit	AL	Sites Over AL	Likely Source of Contamination	
COPPER, FREE	2021 - 2023	0.5075	0.0286 - 0.696	ppm	1.3	0	Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing;	
LEAD	2021 - 2023	6.15	0 - 9.1	ppb	15	0	Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing;	
Regulated Contaminants	Collection Date	Highest Value	Range	Unit	MCL	MCLG	Likely Source of Contamination	
ARSENIC	8/20/2024	5.2	5.2	ppb	10	0	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes;	
BARUM	10/18/2023	0.142	0.142	ppm	2	2	Discharge from drilling wastes; Discharge from metal refineries; Erosion of natural deposits;	
CHROMIUM	10/18/2023	2.1	2.1	ppb	100	100	Discharge from steel and pulp mills; Erosion of natural deposits;	
FLUORIDE	10/18/2023	0.257	0.257	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; Fertilizer discharge;	
NITRATE-NITRITE	10/29/2024	1.54	0.777 - 1.54	ppm	10	10	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits	
SELENIUM	10/18/2023	5.5	5.5	ppb	50	50	Erosion of natural deposits	
Radiological Contaminants	Collection Date	Highest Value	Range	Unit	MCL	MCLG	Likely Source of Contamination	
COMBINED RADIUM (-226 & -228)	4/18/2023	1.028	1.028	0 - 1.028	5	0	Erosion of natural deposits	
GROSS ALPHA, INCL. RADON & U	4/18/2023	4.23	4.23	0 - 4.23	15	0	Erosion of natural deposits	
RADIUM-226	4/18/2023	0.309	0.309	0 - 0.309	0	0	Erosion of natural deposits;	
RADIUM-228	4/18/2023	0.719	0.719	0 - 0.719	0	0	Erosion of natural deposits	
Unregulated Water Quality Data	Collection Date	Highest Value	Range	Unit	Secondary MCL			
SULFATE	11/9/2023	24.5	24.5	mg/L	250			

During the 2024 calendar year, we had the below noted violation(s) of drinking water regulations.

Violation Type	Category	Analyte	Compliance Period
No Violations Occurred in the Calendar Year of 2024			

The Village of Platte Center has taken the following actions to return to compliance with the Nebraska Safe Drinking Water Act:

Additional Required Health Effects Language:

While your drinking water meets EPA's standard for arsenic, it does contain low levels of arsenic. EPA's standard balances the current understanding of arsenic's possible health effects against the costs of removing arsenic from drinking water. EPA continues to research the health effects of low levels of arsenic which is a mineral known to cause cancer in humans at high concentrations and is linked to other health effects such as skin damage and circulatory problems. There are no additional required health effects violation notices.

The Village of Platte Center lead service line inventory has been prepared and can be accessed here: _____