

Village of Bertrand

Test Results

Date Printed: 3/8/2024 NE3113707

Microbiological		Highest No. 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	2020-2022	0.184	0.0454-0.231	ppm	1.3	0	Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing.	
LEAD	2020-2022	0.811	0-0.922	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	6/2/2021	3.59	3.59	ppb	10	0	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes.	
BARIUM	1/9/2023	0.078	0.078	ppm	2	2	Discharge from drilling wastes; Discharge from metal refineries; Erosion of natural deposits.	
CHROMIUM	1/9/2023	3.6	3.6	ppb	100	100	Discharge from steel and pulp mills; Erosion of natural deposits.	
FLUORIDE	1/9/2023	0.244	0.244	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; Fertilizer discharge.	
NITRATE-NITRITE	11/14/2024	6.38	6.38	ppm	10	10	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.	
SELENIUM	1/9/2023	4.29	4.29	ppb	50	50	Erosion of natural deposits.	
Radiological Contaminants	Collection Date	Highest Value	Range	Unit	MCL	MCLG	Likely Source of Contamination	
COMBINED RADIUM (-266 & -288)	10/11/2023	1.05	1.05	pCi/L	5	0	Erosion of natural deposits.	
GROSS ALPHA, INCL. RANDON & U	11/6/20024	8.82	8.82	pCi/L	15	0	Erosion of natural deposits.	
RADIUM-228	10/11/2023	1.05	1.05	pCi/L		0	Erosion of natural deposits.	
Unregulated Water Quality Data	Collection Date	Highest Value		Range	Unit	Secondary MCL		
SULFATE	1/24/2023	99.7		99.7	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 Bertrand has taken the following actions to return to compliance with the Nebraska Sage Drinking Water Act:

There are no additional required health effects notices.

There are no additional required health effects violation notices.

The Village of Bertrand lead service line inventory has been prepared and can be accessed here: www.bertrandne.com or at Village Hall, 507 Minor Avenue.