

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 2025									
Lead and Copper	Monitoring Period	90 th Percentile	Range	Unit	AL	Sites Over AL	AL	Sites Over AL	Likely Source of Contamination
COPPER, FREE	2023 - 2025	0.14	0.0416 - 0.148	ppm	1.3	0	0	0	Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing.
LEAD	2023 - 2025	0.989	0 - 1.93	ppb	15	0	0	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		
BARIUM	2/4/2025	0.0872	0.0872	ppm	2	2	Discharge from drilling wastes; Discharge from metal refineries; Erosion of natural deposits.		
FLUORIDE	2/4/2025	0.539	0.539	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; Fertilizer discharge.		
NITRATE-NITRITE	2/19/2025	0.623	0.623	ppm	10	10	Runoff from fertilizer use; Leaching from septic tanks; sewage; Erosion of natural deposits		
SELENIUM	2/4/2025	2.5	2.5	ppb	50	50	Erosion of natural deposits		
Radiological Contaminants	Collection Date	Highest Value	Range	Unit	MCL	MCLG	Likely Source of Contamination		
COMBINED RADIIUM (-226 & -228)	2/4/2025	0.324	0.324	pCi/L	5	0	Erosion of natural deposits		
GROSS ALPHA, INCL. RADON & U	2/4/2025	3.1	3.1	pCi/L	15	0	Erosion of natural deposits		
RADIUM-226	2/4/2025	0.324	0.324	pCi/L	0	0	Erosion of natural deposits.		
Unregulated Water Quality Data	Collection Date	Highest Value	Range	Unit	Secondary MCL				
SULFATE	1/13/2025	57.3	57.3	mg/L	250				
Violation Type	Category	Analyte	Compliance Period						
MONITORING, ROUTINE MAJOR	MON	NITRATE-NITRITE	07/01/2025 - 09/30/2025						

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

The water system missed the 3rd quarter nitrate sample. Public notification was made, additional samples were taken, and reports have been submitted to the NE Department of Water, Energy, & Environment.

There are no additional required health effects violation notices.

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The Village of Homer lead service line inventory has been prepared and can be accessed here: Village Office, 110 John St. Homer, NE