

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	90 th Percentile	Range	Unit	AL	Sites Over AL	Likely Source of Contamination
COPPER, FREE	2020 - 2022	0.464	0.0356 - 0.522	ppm	1.3	0	Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing.
LEAD	2020 - 2022	3.21	0 - 4.41	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	6/27/2023	1.9	1.9	ppb	10	0	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes.
BARIUM	2/1/2021	0.145	0.145	ppm	2	2	Discharge from drilling wastes; Discharge from metal refineries; Erosion of natural deposits.
DI(2-ETHYLHEXYL) ADIPATE	3/18/2024	1.58	0 - 1.58	ppb	400	400	Discharge from chemical factories
FLUORIDE	2/1/2021	1.14	1.14	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; Fertilizer discharge.
Disinfection Byproducts	Monitoring Period	Highest RAA	Range	Unit	MCL	MCLG	Likely Source of Contamination
TOTAL HALOACETIC ACIDS (HAA5)	1/1/2024 - 12/31/2024	3.27	3.27	ppb	60	0	By-product of drinking water disinfection.
TTHM	1/1/2024 - 12/31/2024	2.09	2.09	ppb	80	0	By-product of drinking water disinfection.
Radiological Contaminants	Collection Date	Highest Value	Range	Unit	MCL	MCLG	Likely Source of Contamination
COMBINED RADIUM (-226 & -228)	11/30/2022	0.197	0.197	pCi/L	5	0	Erosion of natural deposits
RADIUM-226	11/30/2022	0.197	0.197	pCi/L		0	Erosion of natural deposits.
Unregulated Water Quality Data	Collection Date	Highest Value	Range	Unit	Secondary MCL		
NICKEL	2/28/2022	0.00152	0.00152	mg/L	0.1		
SULFATE	2/28/2022	31.7	31.7	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
LSL REPORTING-INITIAL	RPT	LEAD AND COPPER RULE REVISIONS	10/17/2024 - 10/31/2024

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

The system submitted a lead service line inventory on December 31, 2024 which has been made publicly available

There are no additional required health effects notices.

There are no additional required health effects violation notices.

The City of Valley lead service line inventory has been prepared and can be accessed here: [Valley City Hall](#)