

Microbiological	Highest No. of Positive Samples	MCL	MCLG	Likely Source of Contamination	Violations Present		
No Detected Results were Found in the Calendar Year of 2022							
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
BARIUM	2/1/2021	0.145	0.145	ppm	2	2	Discharge from drilling wastes; Discharge from metal refineries; Erosion of natural deposits.
FLUORIDE	2/1/2021	1.14	1.14	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; Fertilizer discharge.
NITRATE-NITRITE	3/22/2022	0.416	0.416	ppm	10	10	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Disinfection Byproducts	Monitoring Period	Highest RAA	Range	Unit	MCL	MCLG	Likely Source of Contamination
TOTAL HALOACETIC ACIDS (HAA5)	1/1/2022 - 12/31/2022	1.1	1.1	ppb	60	0	By-product of drinking water disinfection.
TTHM	1/1/2022 - 12/31/2022	3.15	3.15	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 2022 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 2022							

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

There are no additional required health effects notices.

There are no additional required health effects violation notices.