

Microbiological COLIFORM (TCR)	Highest Number of Positive Samples		MCL		MCLG		Likely Source of Contamination		Violations Present	
	In the month of April, 1 sample(s) were positive	Treatment Technique Trigger	AL	Sites Over AL	Unit	MCL	MCLG	Naturally present in the environment	Yes	
Lead and Copper COPPER, FREE	Monitoring Period	90 th Percentile	Range	Unit	ppm	1.3	0	Likely Source of Contamination		
	2021 - 2023	0.0413	0 - 0.0645	ppm				Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing.		
LEAD	Monitoring Period	90 th Percentile	Range	Unit	ppb	15	0	Likely Source of Contamination		
	2021 - 2023	0.6	0 - 1.2	ppb				Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing.		

Disinfection Byproducts		Monitoring Period	Highest RAA	Range	Unit	MCL	MCLG	Likely Source of Contamination		
TOTAL HALOACETIC ACIDS (HAA5)		4/1/2023 - 3/31/2024	18.225	16.3 - 20.3	ppb	60	0	By-product of drinking water disinfection.		
TTHM		7/1/2023 - 6/30/2024	63.15	61.5 - 66.1	ppb	80	0	By-product of drinking water disinfection.		

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 Otoe Co RWD 1 has taken the following actions to return to compliance with the Nebraska Safe Drinking Water Act:

October 31, 2024, and we are back in compliance.

Some or all of our drinking water is supplied from another water system. The table below lists all of the drinking water contaminants, which were detected during the 2024 calendar year from the water systems that we purchase drinking water from.

Regulated Contaminants	Collection Date	Water System	Highest Value	Range	Unit	MCL	MCLG	Likely Source of Contamination		
ARSENIC	8/26/2024	City of Nebraska City	2.1	2.1	ppb	10	0	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes.		
BARIUM	7/22/2024	City of Nebraska City	0.0353	0.0353	ppm	2	2	Discharge from drilling wastes; Discharge from metal refineries; Erosion of natural deposits.		
CARBON, TOTAL	10/15/2024	City of Nebraska City	2.75	1.71 - 2.75	ppm			Naturally present in the environment		
COMBINED RADIUM (-226 & -228)	5/6/2024	City of Nebraska City	4.47	4.47	pCi/L	5	0	Erosion of natural deposits		
FLUORIDE	7/22/2024	City of Nebraska City	0.922	0.922	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; Fertilizer discharge.		

Unregulated Water Quality Data		Collection Date	Water System	Highest Value	Range	Unit	Secondary MCL
ALKALINITY, CARBONATE		8/26/2024	City of Nebraska City	252	212 - 252	mg/L	
SULFATE		8/8/2022	City of Nebraska City	143	143	mg/L	250

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

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

There are no additional required health effects notices.

There are no additional required health effects violation notices.

The Otoe Co RWD 1 lead service line inventory has been prepared and can be accessed here: www.OtoeRWD1.com