

North Dakota Department of Environmental Quality  
Division of Chemistry

Original Report Date: 2/21/25

Report Date: 2/21/25

Log Number: 25-N124

Date Collected: 2/10/25

Time Collected: 14:00

Township:

Section:

Source: Effluent Water Plant

Project:

Comments:

SOUTHEAST WATER USERS

202 MAIN STREET

PO BOX 10

MANTADOR ND 58058

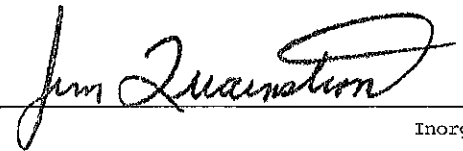
Date Received: 2/12/25

Time Received: 8:13

Range:

Owner: Chad Lingen

Approved by:



Inorganic

Chemical Analysis of Sample

Analyte

Result

Units

Conductivity	507.	umhos/cm	
Dissolved Solids(C) -Total	281.	mg/L	Fairly Low
Hardness Total (as CaCO3)	249.	mg/L	Average
Alkalinity (CaCO3) (Total)	239.	mg/L	Fairly Low
pH	7.77		
	Note: C0.25		
Iron (Fe)	< 0.05	mg/L	Satisfactory
Manganese (Mn)	< 0.01	mg/L	Satisfactory
Calcium (Ca)	75.3	mg/L	
Magnesium (Mg)	14.7	mg/L	
Sodium (Na)	< 3	mg/L	Low
Potassium (K)	2.03	mg/L	
Carbonate (CO3)	< 1	mg/L	
Bicarbonate (HCO3)	291.	mg/L	
Sulfate as (SO4)	35.6	mg/L	Low
Chloride	4.44	mg/L	Low
Nitrate + Nitrite (N)	< 0.03	mg/L	Satisfactory
Silica (SiO2)	30.3	mg/L	
Fluoride (F) (IC)	0.914	mg/L	
Hydroxide (OH)	< 1	mg/L	
Temperature	17.	Deg C	
Delivery Time (hours)	42.	hrs	
Hardness (Total)	15.	gr/gal	
Turbidity	< 1	NTU	
Percent Sodium	2.5	%	
Sodium Adsorption Ratio	0.08		

If a result is noted with an alphanumeric code the result has been qualified as defined on the last page(s).

Not all codes are applicable to all results.