

North Dakota Department of Environmental Quality
Division of Chemistry

Original Report Date: 2/ 7/20

Report Date: 2/ 7/20

Richland County

Log Number: 20-N22

Date Collected: 1/14/20

Time Collected: 9:30

Township: 131N

Section: 31

Source: WTP

Project:

Comments:

SOUTHEAST WATER USERS
202 MAIN STREET
PO BOX 10
MANTADOR ND 58058

Date Received: 1/16/20

Time Received: 8:20

Range: 50W

Owner: SEWU (East)

Approved by: _____



Inorganic

Chemical Analysis of Sample

Analyte	Result	Units	
ARSENIC (AS)	6.65	ug/L	
Conductivity	495.	umhos/cm	
Dissolved Solids (C) -Total	278.	mg/L	Fairly Low
Hardness Total (as CaCO3)	254.	mg/L	Average
Alkalinity (CaCO3) (Total)	239.	mg/L	Fairly Low
pH	7.89		
Iron (Fe)	< 0.05	mg/L	Satisfactory
Manganese (Mn)	< 0.01	mg/L	Satisfactory
Calcium (Ca)	76.3	mg/L	
Magnesium (Mg)	15.5	mg/L	
Sodium (Na)	< 3	mg/L	Low
Potassium (K)	2.32	mg/L	
Carbonate (CO3)	< 1	mg/L	
Bicarbonate (HCO3)	292.	mg/L	
Sulfate as (SO4)	29.4	mg/L	Low
Chloride	5.69	mg/L	Low
Nitrate + Nitrite (N)	< 0.03	mg/L	Satisfactory
Silica (SiO2)	31.1	mg/L	
Fluoride (F) (IC)	0.867	mg/L	
Hydroxide (OH)	< 1	mg/L	
Temperature	18.	Deg C	
Delivery Time (hours)	47.	hrs	
Hardness (Total)	15.	gr/gal	
Turbidity	< 1	NTU	
	Note: D48, See Comment		
Percent Sodium	2.5	%	
Sodium Adsorption Ratio	0.08		
COMMENTS	COMMENTS		

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.