

North Dakota Department of Environmental Quality  
Division of Chemistry

Original Report Date: 1/27/20

Report Date: 1/27/20

Log Number: 20-N16

Date Collected: 1/14/20

Date Received: 1/15/20

Time Collected:

Time Received: 8:39

Township: 132N

Range: 61W

Section: 16NE

Owner: PWSID: 1101442 SEWU West

Source: Finished Water Sample

Project:

Comments:

SOUTHEAST WATER USERS

202 MAIN STREET

PO BOX 10

MANTADOR ND 58058

Approved by: \_\_\_\_\_



Inorganic

Chemical Analysis of Sample

Analyte

Result

Units

Analyte	Result	Units	
Conductivity	1390	umhos/cm	
Dissolved Solids(C) -Total	848.	mg/L	Satisfactory
Hardness Total (as CaCO3)	472.	mg/L	Very High
Alkalinity (CaCO3) (Total)	345.	mg/L	Satisfactory
pH	7.55		
Iron (Fe)	< 0.05	mg/L	Satisfactory
Manganese (Mn)	< 0.01	mg/L	Satisfactory
Calcium (Ca)	125.	mg/L	
Magnesium (Mg)	38.8	mg/L	
Sodium (Na)	107.	mg/L	Average
Potassium (K)	8.39	mg/L	
Carbonate (CO3)	< 1	mg/L	
Bicarbonate (HCO3)	421.	mg/L	
Sulfate as (SO4)	226.	mg/L	Satisfactory
Chloride	131.	mg/L	Average
Nitrate + Nitrite (N)	0.469	mg/L	Satisfactory
Silica (SiO2)	31.0	mg/L	
Arsenic (As)	1.46	ug/L	
Fluoride (F) (IC)	0.299	mg/L	
Hydroxide (OH)	< 1	mg/L	
Temperature	13.	Deg C	
Delivery Time (hours)	26.	hrs	
Hardness (Total)	28.	gr/gal	
Turbidity	< 1	NTU	
Percent Sodium	32.4	%	
Sodium Adsorption Ratio	2.14		

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.