

North Dakota Department of Environmental Quality
Division of Chemistry

Original Report Date: 1/28/20

Report Date: 1/28/20

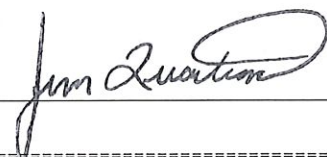
Ransom County

Log Number: 20-N33
Date Collected: 1/22/20
Time Collected: 15:00
Township: 134
Section:
Source: Finished Water
Project:
Comments:

Date Received: 1/23/20
Time Received: 8:33
Range:
Owner: SE Water

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

Approved by: _____



Inorganic

Chemical Analysis of Sample

Analyte	Result	Units	
Conductivity	756.	umhos/cm	
Dissolved Solids (C) -Total	470.	mg/L	Fairly Low
Hardness Total (as CaCO3)	185.	mg/L	Satisfactory
Alkalinity (CaCO3) (Total)	126.	mg/L	Fairly Low
pH	9.02		
Iron (Fe)	< 0.05	mg/L	Satisfactory
Manganese (Mn)	< 0.01	mg/L	Satisfactory
Calcium (Ca)	36.8	mg/L	
Magnesium (Mg)	22.5	mg/L	
Sodium (Na)	83.6	mg/L	Satisfactory
Potassium (K)	8.93	mg/L	
Carbonate (CO3)	15.	mg/L	
Bicarbonate (HCO3)	123.	mg/L	
Sulfate as (SO4)	202.	mg/L	Satisfactory
Chloride	38.7	mg/L	Fairly Low
Nitrate + Nitrite (N)	0.250	mg/L	Satisfactory
Silica (SiO2)	19.7	mg/L	
Arsenic (As)	2.87	ug/L	
Fluoride (F) (IC)	1.06	mg/L	
Hydroxide (OH)	< 1	mg/L	
Temperature	15.	Deg C	
Delivery Time (hours)	18.	hrs	
Hardness (Total)	11.	gr/gal	
Turbidity	< 1	NTU	
Percent Sodium	48.0	%	
Sodium Adsorption Ratio	2.68		

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.