

North Dakota Department of Environmental Quality
 Division of Chemistry

Original Report Date: 5/22/20

Report Date: 5/22/20

Log Number: 20-N284

Date Collected: 5/13/20

Date Received: 5/13/20

Time Collected: 7:40

Time Received: 11:12

Township:

Range:

Section:

Owner:

Source: WTP/Sink

Project:

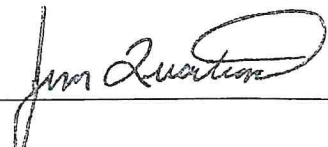
Comments: ND5201309

CENTRAL PLAINS WATER DIST

105 MAIN AVE S

PO BOX 157

FESSENDEN ND 58438

Approved by:  Inorganic

Chemical Analysis of Sample

Analyte	Result	Units	
Conductivity	1480	umhos/cm	
Dissolved Solids(C)-Total	996.	mg/L	Satisfactory
Hardness Total (as CaCO3)	496.	mg/L	Very High
Alkalinity (CaCO3) (Total)	418.	mg/L	Average
pH	7.95		
Iron (Fe)	< 0.05	mg/L	Satisfactory
Manganese (Mn)	< 0.01	mg/L	Satisfactory
Calcium (Ca)	121.	mg/L	
Magnesium (Mg)	47.1	mg/L	
Sodium (Na)	145.	mg/L	Average
Potassium (K)	9.43	mg/L	
Carbonate (CO3)	< 1	mg/L	
Bicarbonate (HCO3)	510.	mg/L	
Sulfate as (SO4)	396.	mg/L	High
Chloride	23.9	mg/L	Low
Nitrate + Nitrite (N)	< 0.03	mg/L	Satisfactory
Silica (SiO2)	31.1	mg/L	
Fluoride (F) (IC)	0.212	mg/L	
Hydroxide (OH)	< 1	mg/L	
Temperature	18.	Deg C	
Delivery Time (hours)	4.	hrs	
Hardness (Total)	29.	gr/gal	
Turbidity	< 1	NTU	
Percent Sodium	38.2	%	
Sodium Adsorption Ratio	2.83		

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.