

North Dakota Department of Environmental Quality
Division of Chemistry

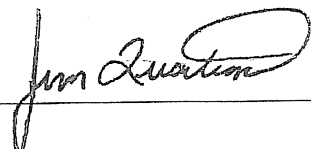
Original Report Date: 10/24/19

Report Date: 12/18/19

Log Number: 19-N680
Date Collected: 10/ 8/19
Time Collected: 13:00
Township:
Section:
Source: Entry Point
Project:
Comments:

Date Received: 10/ 9/19
Time Received: 8:44
Range:
Owner: City of Devils Lake

CITY OF DEVILS LAKE
ATTN: CITY AUDITOR
PO BOX 1048
DEVILS LAKE ND 58301

Approved by: 

Inorganic

Chemical Analysis of Sample

Analyte	Result	Units	
Conductivity	583.	umhos/cm	
Dissolved Solids(C)-Total	331.	mg/L	Fairly Low
Hardness Total (as CaCO3)	129.	mg/L	Fairly Low
Alkalinity (CaCO3)(Total)	267.	mg/L	Satisfactory
pH	8.11		
Iron (Fe)	< 0.05	mg/L	Satisfactory
Manganese (Mn)	< 0.01	mg/L	Satisfactory
Calcium (Ca)	31.2	mg/L	
Magnesium (Mg)	12.4	mg/L	
Sodium (Na)	76.7	mg/L	Satisfactory
Potassium (K)	5.1	mg/L	
Carbonate (CO3)	< 1	mg/L	
Bicarbonate (HCO3)	326.	mg/L	
Sulfate as (SO4)	22.1	mg/L	Low
Chloride	16.0	mg/L	Low
Nitrate + Nitrite (N)	1.170	mg/L	Satisfactory
Silica (SiO2)	32.4	mg/L	
Fluoride (F) (IC)	0.670	mg/L	
Hydroxide (OH)	< 1	mg/L	
Temperature	7.	Deg C	
Delivery Time (hours)	20.	hrs	
Hardness (Total)	8.	gr/gal	
Turbidity	< 1	NTU	
Percent Sodium	55.1	%	
Sodium Adsorption Ratio	2.94		

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.

