

North Dakota Department of Health
Division of Laboratory Services - Chemistry

Original Report Date: 2/ 4/16

Report Date: 2/ 4/16

Log Number: 16-N99

Date Collected: 1/26/16

Date Received: 1/27/16

Time Collected: 8:58

Time Received: 8:21

Township:

Range:

Section:

Owner: Greater Ramsey Water

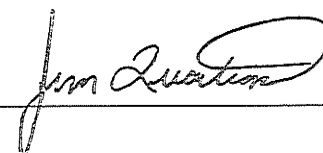
Source: Clear Well

Project:

Comments:

GREATER RAMSEY WATER DIST
RAMSEY CO WATER MNGT BRD
PO BOX 1257
DEVILS LAKE ND 58301

Approved by: _____



Inorganic

Chemical Analysis of Sample

Analyte	Result	Units	Evaluation
Conductivity	675.	umhos/cm	
Dissolved Solids (C) -Total	382.	mg/L	Fairly Low
Hardness Total (as CaCO3)	117.	mg/L	Fairly Low
Alkalinity (CaCO3) (Total)	291.	mg/L	Satisfactory
pH	8.03		
Iron (Fe)	< 0.05	mg/L	Satisfactory
Manganese (Mn)	< 0.01	mg/L	Satisfactory
Calcium (Ca)	28.7	mg/L	
Magnesium (Mg)	11.1	mg/L	
Sodium (Na)	101.	mg/L	Average
Potassium (K)	5.1	mg/L	
Carbonate (CO3)	< 1	mg/L	
Bicarbonate (HCO3)	355.	mg/L	
Sulfate as (SO4)	32.4	mg/L	Low
Chloride	26.7	mg/L	Fairly Low
Fluoride (F)	0.75	mg/L	
Nitrate + Nitrite (N)	< 0.03	mg/L	Satisfactory
Silica (SiO2)	31.5	mg/L	
Hydroxide (OH)	< 1	mg/L	
Hardness (Total)	7.	gr/gal	
Turbidity	< 1	NTU	
Percent Sodium	63.8	%	
Sodium Adsorption Ratio	4.05		