

North Dakota Department of Environmental Quality

Division of Chemistry

Original Report Date: 2/27/25

Report Date: 2/27/25

Log Number: 25-N146

Date Collected: 2/11/25

Time Collected: 8:55

Township:

Section:

Source: Finished Water

Project:

Comments:

SOUTHEAST WATER USERS

202 MAIN STREET

PO BOX 10

MANTADOR ND 58058

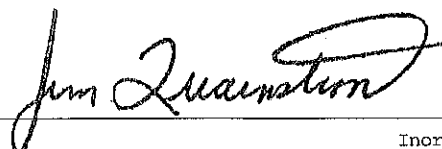
Date Received: 2/13/25

Time Received: 10:04

Range:

Owner: Troy Bommersbach

Approved by:



Inorganic

Chemical Analysis of Sample

| Analyte | Result | Units | |
|------------------------------|--------|----------|--------------|
| Conductivity | 1360 | umhos/cm | |
| Dissolved Solids (C) - Total | 849. | mg/L | Satisfactory |
| Hardness Total (as CaCO3) | 535. | mg/L | Very High |
| Alkalinity (CaCO3) (Total) | 337. | mg/L | Satisfactory |
| pH | 7.90 | | |
| Note: C0.25 | | | |
| Iron (Fe) | < 0.05 | mg/L | Satisfactory |
| Manganese (Mn) | < 0.01 | mg/L | Satisfactory |
| Calcium (Ca) | 141. | mg/L | |
| Magnesium (Mg) | 44.5 | mg/L | |
| Sodium (Na) | 97.2 | mg/L | Average |
| Potassium (K) | 8.23 | mg/L | |
| Carbonate (CO3) | < 1 | mg/L | |
| Bicarbonate (HCO3) | 411. | mg/L | |
| Sulfate as (SO4) | 261. | mg/L | Average |
| Chloride | 89.0 | mg/L | Satisfactory |
| Nitrate + Nitrite (N) | 0.899 | mg/L | Satisfactory |
| Silica (SiO2) | 31.8 | mg/L | |
| Fluoride (F) (IC) | 0.353 | mg/L | |
| Hydroxide (OH) | < 1 | mg/L | |
| Temperature | 15. | Deg C | |
| Delivery Time (hours) | 49. | hrs | |
| Hardness (Total) | 31. | gr/gal | |
| Turbidity | < 1 | NTU | |
| Note: C48 | | | |
| Percent Sodium | 27.8 | % | |
| Sodium Adsorption Ratio | 1.83 | | |

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.