

**METROPOLITAN UTILITIES DISTRICT OF OMAHA**  
**REPORT OF WATER ANALYSIS**

Platte West Plant

Monthly Averages

Source: Finished Water

Date: November 2025

|                                    |             |       |
|------------------------------------|-------------|-------|
| Temperature                        | <u>17.2</u> | ° C   |
| Turbidity (NTU)                    | <u>0.03</u> | Units |
| Total Organic Carbon               | <u>1.7</u>  | mg/L  |
| Color                              | <u>1</u>    | Units |
| Dissolved Oxygen (O <sub>2</sub> ) | <u>9.8</u>  | mg/L  |
| Langelier Index                    | <u>1.19</u> |       |
| UV-ABS @ 254 nm                    | <u>4.8</u>  | ABS/m |
| Specific Conductance @ 25 °C       | <u>424</u>  | mmhos |
| Dissolved Solids (Calculated)      | <u>337</u>  | mg/L  |

Silica (SiO<sub>2</sub>) 27.9 mg/L

pH 8.90 Units

Alkalinity (CaCO<sub>3</sub>)  
 Phenolphthalein (P) 17 mg/L  
 Total (M) 121 mg/L

Total Hardness (CaCO<sub>3</sub>) 139 mg/L  
 Carbonate 121 mg/L  
 Non-carbonate 18 mg/L

Nitrogen (N)  
 Ammonia <0.05 mg/L  
 Nitrite <0.02 mg/L  
 Nitrate 0.48 mg/L

Chlorine (Cl<sub>2</sub>)  
 Free Residual 0.00 mg/L  
 Total Residual 2.20 mg/L

Surfactants (MBAS) - mg/L

Trace Inorganics:  
 Iron (total) <0.02 mg/L  
 Iron (dissolved) - mg/L  
 Manganese (total) <0.02 mg/L  
 Manganese (dissolved) - mg/L

Cations :  
 Calcium (Ca) 42 mg/L  
 Magnesium (Mg) 7.8 mg/L  
 Sodium (Na) 31 mg/L  
 Potassium (K) 9.0 mg/L

Anions :  
 Bicarbonate (HCO<sub>3</sub>) 106 mg/L  
 Carbonate (CO<sub>3</sub>) 20.4 mg/L  
 Hydroxide (OH) <0.1 mg/L  
 Fluoride (F) 0.66 mg/L  
 Chloride (Cl) 17 mg/L  
 Bromide (Br) 0.02 mg/L  
 Nitrite (NO<sub>2</sub>) <0.07 mg/L  
 Nitrate (NO<sub>3</sub>) 2.13 mg/L  
 Phosphate-ortho (PO<sub>4</sub>) 0.26 mg/L  
 Sulfate (SO<sub>4</sub>) 72 mg/L

Trace Inorganics :  
 Aluminum (Al) <0.01 mg/L  
 Copper (Cu) 0.001 mg/L  
 Iron (Fe) <0.02 mg/L  
 Lithium (Li) 0.019 mg/L  
 Manganese (Mn) <0.02 mg/L  
 Strontium (Sr) 0.266 mg/L  
 Zinc (Zn) <0.005 mg/L

Antimony (Sb) < 1.0 µg/L  
 Arsenic (As) 3.76 µg/L  
 Barium (Ba) 73.6 µg/L  
 Beryllium (Be) < 1.0 µg/L  
 Cadmium (Cd) < 1.0 µg/L  
 Chromium (Cr) < 1.0 µg/L  
 Lead (Pb) < 1.0 µg/L  
 Mercury (Hg) - µg/L  
 Nickel (Ni) 1.24 µg/L  
 Selenium (Se) < 5.0 µg/L  
 Thallium (Tl) < 1.0 µg/L

Bacteriological Quality : Distribution System

Meets U.S.E.P.A. drinking water standards:

TC - 0.00%; E. coli - Absent

Giardia - N.D. Cryptosporidium - N.D.

N. D. = Not Detected

Organics :

Atrazine - µg/L  
 Metolachlor - µg/L

***Brent Paine***

Biologist I