

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

Platte South Plant

Monthly Averages

Source: Finished Water

Date: January 2022

Temperature	-	°C
Turbidity (NTU)	-	Units
Total Organic Carbon	-	mg/L
Color	-	Units
Dissolved Oxygen (O ₂)	-	mg/L
Langelier Index	-	
UV-ABS @ 254 nm	-	ABS/m
Specific Conductance @ 25 °C	-	µmhos
Total Dissolved Solids	-	mg/L
Silica (SiO ₂)	-	mg/L
pH	-	mg/L
Alkalinity (CaCO ₃)		
Phenolphthalein (P)	-	mg/L
Total (M)	-	mg/L
Total Hardness (CaCO ₃)	-	mg/L
Carbonate	-	mg/L
Non-carbonate	-	mg/L
Nitrogen (N)		
Ammonia	-	mg/L
Nitrite	-	mg/L
Nitrate	-	mg/L
Chlorine (Cl ₂)		
Free Residual	-	mg/L
Total Residual	-	mg/L
Surfactants (MBAS)	-	mg/L
Radioactivity :		
Gross Alpha & Beta	-	pCi/L
Iodine 131	-	pCi/L
Radium 226	-	pCi/L
Strontium 90	-	pCi/L
Tritium	-	pCi/L

Cations :			
Calcium	(Ca)	-	mg/L
Magnesium	(Mg)	-	mg/L
Sodium	(Na)	-	mg/L
Potassium	(K)	-	mg/L
Anions :			
Bicarbonate	(HCO ₃)	-	mg/L
Carbonate	(CO ₃)	-	mg/L
Hydroxide	(OH)	-	mg/L
Fluoride	(F)	-	mg/L
Chloride	(Cl)	-	mg/L
Bromide	(Br)	-	mg/L
Nitrite	(NO ₂)	-	mg/L
Nitrate	(NO ₃)	-	mg/L
Phosphate	(PO ₄)	-	mg/L
Sulfate	(SO ₄)	-	mg/L

Trace Inorganics :			
Aluminum	(Al)	-	mg/L
Copper	(Cu)	-	mg/L
Iron	(Fe)	-	mg/L
Lithium	(Li)	-	mg/L
Manganese	(Mn)	-	mg/L
Strontium	(Sr)	-	mg/L
Zinc	(Zn)	-	mg/L
Antimony	(Sb)	-	µg/L
Arsenic	(As)	-	µg/L
Barium	(Ba)	-	µg/L
Beryllium	(Be)	-	µg/L
Cadmium	(Cd)	-	µg/L
Chromium	(Cr)	-	µg/L
Lead	(Pb)	-	µg/L
Mercury	(Hg)	-	µg/L
Nickel	(Ni)	-	µg/L
Selenium	(Se)	-	µg/L
Thallium	(Tl)	-	µg/L

Bacteriological Quality : Distribution System
Meets U.S.E.P.A. drinking water standards:
T. Coli - 0.00%; E. Coli - Absent
Giardia - Cryptosporidium -

Plant out of Service for Construction

Organics :	
Atrazine	-
Metolachlor	-

Crystal Badger
Water Analyst