

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

Platte West Plant

Monthly Averages

Source: Finished Water

Date: July 2019

Temperature	12.6	° C	Cations :		
Turbidity (NTU)	0.07	Units	Calcium	(Ca)	50
Total Organic Carbon	2.1	mg/L	Magnesium	(Mg)	11
Color	2	Units	Sodium	(Na)	22
Dissolved Oxygen (O <sub>2</sub> )	4.9	mg/L	Potassium	(K)	9
Langelier Index	0.84				
UV-ABS @ 254 nm	8.0	ABS/m	Anions :		
Specific Conductance @ 25 °C	494	µmhos	Bicarbonate	(HCO <sub>3</sub> )	126
Dissolved Solids (Calculated)	372	mg/L	Carbonate	(CO <sub>3</sub> )	9.6
			Hydroxide	(OH)	-
Silica (SiO <sub>2</sub> )	24.3	mg/L	Fluoride	(F)	0.73
			Chloride	(Cl)	21
pH	8.66	mg/L	Bromide	(Br)	0.04
			Nitrite	(NO <sub>2</sub> )	0.07
Alkalinity (CaCO <sub>3</sub> )			Nitrate	(NO <sub>3</sub> )	4.87
Phenolphthalein (P)	8	mg/L	Phosphate-ortho	(PO <sub>4</sub> )	0.22
Total (M)	119	mg/L			
			Sulfate	(SO <sub>4</sub> )	94
Total Hardness (CaCO <sub>3</sub> )	169	mg/L	Trace Inorganics :		
Carbonate	119	mg/L	Aluminum	(Al)	<0.01
Non-carbonate	50	mg/L	Copper	(Cu)	<0.01
			Iron	(Fe)	<0.02
Nitrogen (N)			Lithium	(Li)	0.02
Ammonia	0.04	mg/L	Manganese	(Mn)	0.03
Nitrite	0.02	mg/L	Strontium	(Sr)	0.31
Nitrate	1.10	mg/L	Zinc	(Zn)	<0.01
Chlorine (Cl <sub>2</sub> )			Antimony	(Sb)	<1.0
Free Residual	0.00	mg/L	Arsenic	(As)	3.24
Total Residual	2.44	mg/L	Barium	(Ba)	77.9
			Beryllium	(Be)	<1.0
Surfactants (MBAS)	-	mg/L	Cadmium	(Cd)	<1.0
			Chromium	(Cr)	<1.0
Trace Inorganics:			Lead	(Pb)	<1.0
Iron (total)	<0.02	mg/L	Mercury	(Hg)	-
Iron (dissolved)	-	mg/L	Nickel	(Ni)	1.27
Manganese (total)	0.03	mg/L	Selenium	(Se)	<5.0
Manganese (dissolved)	-	mg/L	Thallium	(Tl)	<1.0

Bacteriological Quality : Distribution System

Organics :

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

Atrazine

TC - 0.00%; E. coli - Absent

Metolachlor

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

N. D. = Not Detected

*Raksha Chh*  
Water Analy

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