NORTH TEXAS MUNICIPAL WATER DISTRICT - Bonham
Water Analysis
Aug-2020

Mineral Analysis	Raw (mg/L)	Treated (mg/L)	Standards: EPA Primary (mg/L)	EPA Secondary (mg/L)	TCEQ Primary (mg/L)	TCEQ Secondary (mg/L)
Residue on Evaporation	98.0	215		500		1000
Silica (SiO2)	6.24	3.78				
Iron (Fe)	0.558	0.231		0.3		0.3
Calcium (Ca)	15.2	47.1				
Magnesium (Mg)	1.82	2.04				
Sodium (Na)	4.16	14.0				
Potassium (K)	3.09	3.08				
Sulfate (SO4)	2.46	69.0		250		
Nitrite (NO2)	<0.0200	<0.0200	1		1	
Nitrate (NO3)	<0.0500	0.0830	10		10	
Chloride (Cl)	2.90	18.5		250		300
Fluoride (F)	0.108	0.609	4.0	2.0	4	2.0
Phosphates (PO4)	0.141	0.0150				
	(mg/L as CaCO3)	(mg/L as CaCO3)	(mg/L as CaCO3)	(mg/L as CaCO3)	(mg/L as CaCO3)	(mg/L as CaCO3)
Total Alkalinity	64.3 *	76.8 *				
Total Hardness	51.0	126				
Langelier Index	--	--				
Trace Element Analysis						
	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
Arsenic (As)	0.00666	0.00105	0.01		0.01	
Barium (Ba)	0.0876	0.0602	2		2	
Cadmium (Cd)	<0.00100	<0.00100	0.005		0.005	
Chromium (Cr)	<0.00250	<0.00250	0.1		0.1	
Copper (Cu)	0.00733	0.145	1.3	1	1.3	1.0
Iron (Fe)	0.558	0.231		0.3		0.3
Lead (Pb)	0.00124	<0.000500	0.015		0.015	
Manganese (Mn)	0.265	0.0137		0.05		0.05
Mercury (Hg)	<0.000100	<0.000100	0.002		0.002	
Nickel (Ni)	0.00115	0.00535				
Selenium (Se)	<0.00100	<0.00100	0.05		0.05	
Silver (Ag)	<0.00050	<0.00050		0.10		0.1
Zinc (Zn)	0.00295	0.0650		5		5
Other Analysis						
Chlorine Residual (mg/L)	--	2.89	4.0		4.0	
Total coliform (Present / Absent)	--	A	A		A	
pH (Standard Units) @ 25ºC	7.31 *	7.84 *		6.5 - 8.5		>7.0
Specific Conductance (Umhos)	113	332				
Turbidity (NTU)	13.5 *	0.11 *	0.3		0.3	
Threshold Odor Number	8.0	2.0				3

Note 1: National Primary Drinking Water Regulations or Primary Standards are legally enforceable standards. National Secondary Drinking Water Regulations or Secondary Standards are non-enforceable guidelines regulating contaminants that may cause cosmetic or aesthetic effects In Drinking Water.

Note 2: TCEQ Primary Standards are the maximum contaminant level allowed for each constituent. TCEQ Primary Standards are legally enforceable standards.

Note 3: * Identifies Monthly Average Process analyses. ** No odor analysis performed.