

NORTH TEXAS MUNICIPAL WATER DISTRICT - Bonham

MONTHLY WATER ANALYSIS

MONTH: Jan 2022

	RAW	TREATED
Mineral Analysis	mg/L	mg/L
Residue on Evaporation	104	209
Silica (SiO ₂)	3.86	3.21
Iron (Fe)	0.318	<0.200
Calcium (Ca)	17.4	77.0
Magnesium (Mg)	2.88	2.92
Sodium (Na)	6.39	13.0
Potassium (K)	4.40	4.17
Sulfate (SO ₄)	2.46	68.3
Nitrite (NO ₂)	<0.0200	<0.0200
Nitrate (NO ₃)	<0.0500	0.136
Chloride (Cl)	6.21	13.5
Fluoride (F)	0.108	0.363
Phosphates (PO ₄)	0.0770	0.0120
Water Stability	mg/L as CaCO ₃	mg/L as CaCO ₃
Total Alkalinity	73.5 *	81.3 *
Total Hardness	64.0	132
Langelier Index	--	-0.458
Trace Element Analysis	mg/L	mg/L
Arsenic (As)	0.00186	0.00089
Barium (Ba)	0.0722	0.0522
Cadmium (Cd)	<0.00100	<0.00100
Chromium (Cr)	<0.00250	<0.00250
Copper (Cu)	0.0383	0.00318
Iron (Fe)	0.318	<0.200
Lead (Pb)	<0.000500	<0.000500
Manganese (Mn)	0.115	0.00380
Mercury (Hg)	<0.000100	<0.000100
Nickel (Ni)	<0.00100	0.00334
Selenium (Se)	<0.00100	<0.00100
Silver (Ag)	<0.00050	<0.00050
Zinc (Zn)	0.00311	<0.00250
Other Analysis	Units	Units
Chlorine Residual (mg/L)	--	3.20
Total coliform (Present / Absent)	--	A
pH (Standard Units) @ 25°C	7.57 *	7.87 *
Specific Conductance (Umhos)	147	328
Turbidity (NTU)	10.4 *	0.05 *
Threshold Odor Number	4	1

* Identifies Monthly Average Process analyses.

** No odor analysis performed.

Date: 2/9/2022