

NORTH TEXAS MUNICIPAL WATER DISTRICT - Wylie

MONTHLY WATER ANALYSIS

MONTH: Mar 2021

	RAW	TREATED
Mineral Analysis	mg/L	mg/L
Residue on Evaporation	260	336
Silica (SiO2)	7.33	6.54
Iron (Fe)	0.333	0.230
Calcium (Ca)	49.3	57.7
Magnesium (Mg)	3.99	4.30
Sodium (Na)	25.5	50.5
Potassium (K)	4.95	4.88
Sulfate (SO4)	40.8	115
Nitrite (NO2)	<0.0100	<0.0100
Nitrate (NO3)	0.682	0.763
Chloride (Cl)	24.1	31.6
Fluoride (F)	0.271	0.309 *
Phosphates (PO4)	0.0580	<0.0100
Water Stability	mg/L as CaCO3	mg/L as CaCO3
Total Alkalinity	125 *	99.0 *
Total Hardness	136	141
Langelier Index		0.3200
Trace Element Analysis	mg/L	mg/L
Arsenic (As)	0.00128	0.00034
Barium (Ba)	0.0422	0.0368
Cadmium (Cd)	<0.000500	<0.000500
Chromium (Cr)	<0.00125	<0.00125
Copper (Cu)	0.0170	0.00728
Iron (Fe)	0.333	0.230
Lead (Pb)	<0.000250	<0.000250
Manganese (Mn)	0.0219	0.00711
Mercury (Hg)	<0.0000500	<0.0000500
Nickel (Ni)	0.00401	0.00895
Selenium (Se)	0.000503	<0.000500
Silver (Ag)	<0.000250	<0.000250
Zinc (Zn)	0.00585	0.00339
Other Analysis	Units	Units
Chlorine Residual (mg/L)	--	3.56 *
Total coliform (Present / Absent)	--	A *
pH (Standard Units) @ 25°C	8.32 *	8.33 *
Specific Conductance (Umhos)	411 *	576 *
Turbidity (NTU)	12.0 *	0.0554 *
Threshold Odor Number	2.0	1.0

* Identifies Monthly Average Process analyses.

Date: 4/9/2021