

NORTH TEXAS MUNICIPAL WATER DISTRICT - Wylie

MONTHLY WATER ANALYSIS

MONTH: Mar 2022

	RAW	TREATED
Mineral Analysis	mg/L	mg/L
Residue on Evaporation	265	364
Silica (SiO2)	7.44	6.30
Iron (Fe)	<0.200	<0.200
Calcium (Ca)	54.0	60.2
Magnesium (Mg)	4.74	4.68
Sodium (Na)	30.8	60.0
Potassium (K)	6.39	4.78
Sulfate (SO4)	44.5	127
Nitrite (NO2)	0.0410	<0.0200
Nitrate (NO3)	0.507	0.727
Chloride (Cl)	29.9	37.0
Fluoride (F)	0.297	0.310 *
Phosphates (PO4)	0.0980	0.0200
Water Stability	mg/L as CaCO3	mg/L as CaCO3
Total Alkalinity	135 *	111 *
Total Hardness	156	162
Langelier Index		0.7972
Trace Element Analysis	mg/L	mg/L
Arsenic (As)	0.00136	0.00058
Barium (Ba)	0.0529	0.0477
Cadmium (Cd)	<0.00100	<0.00100
Chromium (Cr)	<0.00250	<0.00250
Copper (Cu)	0.00466	0.00174
Iron (Fe)	<0.200	<0.200
Lead (Pb)	<0.000500	<0.000500
Manganese (Mn)	0.0362	<0.0250
Mercury (Hg)	<0.000100	<0.000100
Nickel (Ni)	0.00371	0.00813
Selenium (Se)	<0.00100	<0.00100
Silver (Ag)	<0.000500	<0.000500
Zinc (Zn)	0.00441	<0.00250
Other Analysis	Units	Units
Chlorine Residual (mg/L)	--	3.79 *
Total coliform (Present / Absent)	--	A *
pH (Standard Units) @ 25°C	8.32 *	8.26 *
Specific Conductance (Umhos)	430 *	578 *
Turbidity (NTU)	12.8 *	0.0583 *
Threshold Odor Number	<1.00	4.00

* Identifies Monthly Average Process analyses.

Date: 4/8/2022