

NORTH TEXAS MUNICIPAL WATER DISTRICT - Wylie

MONTHLY WATER ANALYSIS

MONTH: Feb 2022

	RAW	TREATED
Mineral Analysis	mg/L	mg/L
Residue on Evaporation	267	327
Silica (SiO2)	8.13	8.85
Iron (Fe)	0.319	0.244
Calcium (Ca)	46.5	54.5
Magnesium (Mg)	3.85	3.97
Sodium (Na)	25.0	40.6
Potassium (K)	4.56	4.93
Sulfate (SO4)	38.8	103
Nitrite (NO2)	<0.0200	<0.0200
Nitrate (NO3)	0.470	0.530
Chloride (Cl)	28.2	33.4
Fluoride (F)	0.295	0.312 *
Phosphates (PO4)	0.0690	<0.0200
Water Stability	mg/L as CaCO3	mg/L as CaCO3
Total Alkalinity	129 *	107 *
Total Hardness	138	140
Langelier Index		0.0422
Trace Element Analysis	mg/L	mg/L
Arsenic (As)	0.00149	0.00056
Barium (Ba)	0.0457	0.0376
Cadmium (Cd)	<0.00100	<0.00100
Chromium (Cr)	<0.00250	<0.00250
Copper (Cu)	0.00752	0.00583
Iron (Fe)	0.319	0.244
Lead (Pb)	<0.000500	<0.000500
Manganese (Mn)	0.0408	0.0156
Mercury (Hg)	<0.000100	<0.000100
Nickel (Ni)	0.00457	0.00797
Selenium (Se)	<0.00100	<0.00100
Silver (Ag)	<0.000500	<0.000500
Zinc (Zn)	0.00982	0.00466
Other Analysis	Units	Units
Chlorine Residual (mg/L)	--	3.68 *
Total coliform (Present / Absent)	--	A *
pH (Standard Units) @ 25°C	8.24 *	8.22 *
Specific Conductance (Umhos)	400 *	504 *
Turbidity (NTU)	10.9 *	0.0734 *
Threshold Odor Number	2	4

* Identifies Monthly Average Process analyses.

Date: 3/9/2022