

NORTH TEXAS MUNICIPAL WATER DISTRICT - Wylie

MONTHLY WATER ANALYSIS

MONTH: Nov 2022

	RAW	TREATED
Mineral Analysis	mg/L	mg/L
Residue on Evaporation	385	451
Silica (SiO ₂)	5.20	4.92
Iron (Fe)	0.264	<0.200
Calcium (Ca)	48.2	47.6
Magnesium (Mg)	11.5	12.7
Sodium (Na)	73.1	93.3
Potassium (K)	6.29	7.18
Sulfate (SO ₄)	83.3	132
Nitrite (NO ₂)	0.0210	<0.0200
Nitrate (NO ₃)	0.323	0.488
Chloride (Cl)	88.3	94.4
Fluoride (F)	0.353	0.582 *
Phosphates (PO ₄)	0.0890	<0.0200
Water Stability	mg/L as CaCO ₃	mg/L as CaCO ₃
Total Alkalinity	108 *	85.8 *
Total Hardness	146	140
Langelier Index		0.4520
Trace Element Analysis	mg/L	mg/L
Arsenic (As)	0.00317	0.00076
Barium (Ba)	0.0716	0.0642
Cadmium (Cd)	<0.00100	<0.00100
Chromium (Cr)	<0.00250	<0.00250
Copper (Cu)	0.0186	0.00255
Iron (Fe)	0.264	<0.200
Lead (Pb)	<0.000500	<0.000500
Manganese (Mn)	0.0570	<0.0250
Mercury (Hg)	<0.000100	<0.000100
Nickel (Ni)	0.00415	0.00687
Selenium (Se)	0.00106	<0.00100
Silver (Ag)	<0.000500	<0.000500
Zinc (Zn)	0.0115	0.00255
Other Analysis	Units	Units
Chlorine Residual (mg/L)	--	3.91 *
Total coliform (Present / Absent)	--	A *
pH (Standard Units) @ 25°C	8.09 *	8.10 *
Specific Conductance (Umhos)	380 *	655 *
Turbidity (NTU)	15.3 *	0.0581 *
Threshold Odor Number	<1.00	<1.00

* Identifies Monthly Average Process analyses.

Date: 12/7/2022