

NORTH TEXAS MUNICIPAL WATER DISTRICT - Wylie

MONTHLY WATER ANALYSIS

MONTH: Nov 2021

	RAW	TREATED
Mineral Analysis	mg/L	mg/L
Residue on Evaporation	291	360
Silica (SiO2)	6.37	5.74
Iron (Fe)	0.442	0.291
Calcium (Ca)	43.5	48.1
Magnesium (Mg)	7.60	8.23
Sodium (Na)	44.5	74.3
Potassium (K)	5.77	5.84
Sulfate (SO4)	52.2	113
Nitrite (NO2)	0.0200	<0.0200
Nitrate (NO3)	0.274	0.336
Chloride (Cl)	55.6	67.1
Fluoride (F)	0.262	0.430 *
Phosphates (PO4)	0.114	<0.0200
Water Stability	mg/L as CaCO3	mg/L as CaCO3
Total Alkalinity	99.5 *	82.9 *
Total Hardness	132	142
Langelier Index		0.1580
Trace Element Analysis	mg/L	mg/L
Arsenic (As)	0.00258	0.00050
Barium (Ba)	0.0577	0.0523
Cadmium (Cd)	<0.00100	<0.00100
Chromium (Cr)	<0.00250	<0.00250
Copper (Cu)	0.0305	0.00166
Iron (Fe)	0.442	0.291
Lead (Pb)	<0.000500	<0.000500
Manganese (Mn)	0.0441	0.00494
Mercury (Hg)	<0.000100	<0.000100
Nickel (Ni)	0.00386	0.00631
Selenium (Se)	<0.00100	<0.00100
Silver (Ag)	<0.000500	<0.000500
Zinc (Zn)	0.0102	0.00704
Other Analysis	Units	Units
Chlorine Residual (mg/L)	--	3.94 *
Total coliform (Present / Absent)	--	A *
pH (Standard Units) @ 25°C	8.33 *	8.30 *
Specific Conductance (Umhos)	488 *	608 *
Turbidity (NTU)	13.3 *	0.0683 *
Threshold Odor Number	4	4

* Identifies Monthly Average Process analyses.

Date: 12/13/2021