

NORTH TEXAS MUNICIPAL WATER DISTRICT - Wylie

MONTHLY WATER ANALYSIS

MONTH: Aug 2021

	RAW	TREATED
Mineral Analysis	mg/L	mg/L
Residue on Evaporation	237	305
Silica (SiO2)	4.82	7.08
Iron (Fe)	0.237	0.131
Calcium (Ca)	40.2	44.9
Magnesium (Mg)	5.69	5.79
Sodium (Na)	29.3	51.5
Potassium (K)	4.66	4.72
Sulfate (SO4)	38.9	91.3
Nitrite (NO2)	<0.0100	<0.0100
Nitrate (NO3)	<0.0500	0.160
Chloride (Cl)	35.2	45.2
Fluoride (F)	0.230	0.430 *
Phosphates (PO4)	0.0770	<0.0100
Water Stability	mg/L as CaCO3	mg/L as CaCO3
Total Alkalinity	102 *	86.2 *
Total Hardness	122	128
Langelier Index		0.3930
Trace Element Analysis	mg/L	mg/L
Arsenic (As)	0.00621	0.00083
Barium (Ba)	0.0561	0.0533
Cadmium (Cd)	<0.000500	<0.000500
Chromium (Cr)	<0.00125	<0.00125
Copper (Cu)	0.0278	0.00294
Iron (Fe)	0.237	0.131
Lead (Pb)	0.000393	<0.000250
Manganese (Mn)	0.130	0.0165
Mercury (Hg)	<0.0000500	<0.0000500
Nickel (Ni)	0.00275	0.00468
Selenium (Se)	0.000767	<0.000500
Silver (Ag)	<0.000250	<0.000250
Zinc (Zn)	0.0186	0.00559
Other Analysis	Units	Units
Chlorine Residual (mg/L)	--	3.88 *
Total coliform (Present / Absent)	--	A *
pH (Standard Units) @ 25°C	7.98 *	8.23 *
Specific Conductance (Umhos)	418 *	537 *
Turbidity (NTU)	11.5 *	0.0818 *
Threshold Odor Number	2	1

* Identifies Monthly Average Process analyses.

Date: 9/10/2021