

NORTH TEXAS MUNICIPAL WATER DISTRICT - Wylie

MONTHLY WATER ANALYSIS

MONTH: Apr 2019

	RAW	TREATED
Mineral Analysis	mg/L	mg/L
Residue on Evaporation	290	358
Silica (SiO2)	3.73	3.08
Iron (Fe)	0.581	0.356
Calcium (Ca)	76.0	69.0
Magnesium (Mg)	6.00	6.37
Sodium (Na)	30.9	62.6
Potassium (K)	3.91	3.79
Sulfate (SO4)	42.4	101
Nitrite (NO2)	<0.0100	<0.0100
Nitrate (NO3)	0.705	0.874
Chloride (Cl)	33.3	42.9
Fluoride (F)	0.225	0.256 *
Phosphates (PO4)	0.0750	0.0110
Water Stability	mg/L as CaCO3	mg/L as CaCO3
Total Alkalinity	144 *	117 *
Total Hardness	174	179
Langelier Index		0.4245
Trace Element Analysis	mg/L	mg/L
Arsenic (As)	0.00144	0.00037
Barium (Ba)	0.0611	0.0562
Cadmium (Cd)	<0.000500	<0.000500
Chromium (Cr)	<0.00125	<0.00125
Copper (Cu)	0.0136	0.00328
Iron (Fe)	0.581	0.356
Lead (Pb)	0.000302	<0.000250
Manganese (Mn)	0.0205	0.0133
Mercury (Hg)	<0.0000500	<0.0000500
Nickel (Ni)	0.00322	0.00620
Selenium (Se)	0.000540	<0.000500
Silver (Ag)	<0.000250	<0.000250
Zinc (Zn)	0.00570	0.00536
Other Analysis	Units	Units
Chlorine Residual (mg/L)	--	3.75 *
Total coliform (Present / Absent)	--	A *
pH (Standard Units) @ 25°C	8.41 *	8.32 *
Specific Conductance (Umhos)	508 *	631 *
Turbidity (NTU)	13.7 *	0.0662 *
Threshold Odor Number	17.0	1.0

* Identifies Monthly Average Process analyses.

Date: 5/9/2019