

NORTH TEXAS MUNICIPAL WATER DISTRICT - Wylie

MONTHLY WATER ANALYSIS

MONTH: Mar 2019

	RAW	TREATED
Mineral Analysis	mg/L	mg/L
Residue on Evaporation	362	413
Silica (SiO2)	7.13	6.19
Iron (Fe)	0.718	0.461
Calcium (Ca)	74.1	65.3
Magnesium (Mg)	8.95	6.12
Sodium (Na)	57.8	65.9
Potassium (K)	3.35	3.06
Sulfate (SO4)	64.4	132
Nitrite (NO2)	<0.0100	<0.0100
Nitrate (NO3)	0.822	0.792
Chloride (Cl)	68.0	56.2
Fluoride (F)	0.206	0.287 *
Phosphates (PO4)	0.0870	<0.0100
Water Stability	mg/L as CaCO3	mg/L as CaCO3
Total Alkalinity	142 *	108 *
Total Hardness	198	185
Langelier Index		0.1872
Trace Element Analysis	mg/L	mg/L
Arsenic (As)	0.00179	0.00038
Barium (Ba)	0.0724	0.0539
Cadmium (Cd)	<0.000500	<0.000500
Chromium (Cr)	<0.00125	<0.00125
Copper (Cu)	0.0388	0.00320
Iron (Fe)	0.718	0.461
Lead (Pb)	0.000376	<0.000250
Manganese (Mn)	0.0228	0.0189
Mercury (Hg)	<0.0000500	<0.0000500
Nickel (Ni)	0.00784	0.0121
Selenium (Se)	0.00110	0.000822
Silver (Ag)	<0.000250	<0.000250
Zinc (Zn)	0.0139	0.00427
Other Analysis	Units	Units
Chlorine Residual (mg/L)	--	3.44 *
Total coliform (Present / Absent)	--	A *
pH (Standard Units) @ 25°C	8.43 *	8.15 *
Specific Conductance (Umhos)	620 *	684 *
Turbidity (NTU)	13.8 *	0.0708 *
Threshold Odor Number	17.0	4.0

* Identifies Monthly Average Process analyses.

Date: 4/9/2019