

NORTH TEXAS MUNICIPAL WATER DISTRICT - Wylie

MONTHLY WATER ANALYSIS

MONTH: May 2018

	RAW	TREATED
Mineral Analysis	mg/L	mg/L
Residue on Evaporation	416	488
Silica (SiO2)	5.30	4.56
Iron (Fe)	0.806	0.533
Calcium (Ca)	67.7	
Magnesium (Mg)	9.39	8.82
Sodium (Na)	68.1	
Potassium (K)	5.79	5.34
Sulfate (SO4)	72.2	129
Nitrite (NO2)	0.0260	<0.0100
Nitrate (NO3)	0.628	0.783
Chloride (Cl)	76.1	81.7
Fluoride (F)	0.237	0.217 *
Phosphates (PO4)	0.0520	<0.0100
Water Stability	mg/L as CaCO3	mg/L as CaCO3
Total Alkalinity	119 *	96.0 *
Total Hardness	180	180
Langelier Index		0.7500
Trace Element Analysis	mg/L	mg/L
Arsenic (As)	0.00179	0.00040
Barium (Ba)	0.0645	0.0527
Cadmium (Cd)	<0.000500	<0.000500
Chromium (Cr)	<0.00125	<0.00125
Copper (Cu)	0.0277	0.00288
Iron (Fe)	0.806	0.533
Lead (Pb)	0.000534	<0.000250
Manganese (Mn)	0.0201	0.0160
Mercury (Hg)	<0.0000500	<0.0000500
Nickel (Ni)	0.00476	0.00750
Selenium (Se)	0.00126	0.000530
Silver (Ag)	<0.000250	<0.000250
Zinc (Zn)	0.00774	0.00304
Other Analysis	Units	Units
Chlorine Residual (mg/L)	--	3.36 *
Total coliform (Present / Absent)	--	A *
pH (Standard Units) @ 25°C	8.21 *	8.1 *
Specific Conductance (Umhos)	656 *	758 *
Turbidity (NTU)	13.9 *	0.0591 *
Threshold Odor Number	2	3

* Identifies Monthly Average Process analyses.

Date: 6/8/2018