

NORTH TEXAS MUNICIPAL WATER DISTRICT - Wylie

MONTHLY WATER ANALYSIS

MONTH: Jun 2018

	RAW	TREATED
Mineral Analysis	mg/L	mg/L
Residue on Evaporation	406	472
Silica (SiO2)	5.03	4.89
Iron (Fe)	0.772	0.550
Calcium (Ca)	51.8	62.3
Magnesium (Mg)	9.88	10.0
Sodium (Na)	63.0	83.9
Potassium (K)	4.70	4.61
Sulfate (SO4)	79.1	131
Nitrite (NO2)	0.0150	<0.0100
Nitrate (NO3)	0.225	0.348
Chloride (Cl)	86.2	93.7
Fluoride (F)	0.234	0.260 *
Phosphates (PO4)	0.0580	0.0110
Water Stability	mg/L as CaCO3	mg/L as CaCO3
Total Alkalinity	104 *	87.2 *
Total Hardness	192	188
Langelier Index		0.4300
Trace Element Analysis	mg/L	mg/L
Arsenic (As)	0.00224	0.00051
Barium (Ba)	0.0647	0.0597
Cadmium (Cd)	<0.000500	<0.000500
Chromium (Cr)	<0.00125	<0.00125
Copper (Cu)	0.00890	0.00292
Iron (Fe)	0.772	0.550
Lead (Pb)	<0.000250	<0.000250
Manganese (Mn)	0.0351	0.00637
Mercury (Hg)	<0.0000500	<0.0000500
Nickel (Ni)	0.00473	0.00698
Selenium (Se)	0.00148	0.000763
Silver (Ag)	<0.000250	<0.000250
Zinc (Zn)	0.00238	0.00302
Other Analysis	Units	Units
Chlorine Residual (mg/L)	--	3.30 *
Total coliform (Present / Absent)	--	A *
pH (Standard Units) @ 25°C	8.23 *	8.12 *
Specific Conductance (Umhos)	675 *	790 *
Turbidity (NTU)	13.8 *	0.0623 *
Threshold Odor Number	4.0	1.0

* Identifies Monthly Average Process analyses.

Date: 7/10/2018