

NORTH TEXAS MUNICIPAL WATER DISTRICT - Wylie

MONTHLY WATER ANALYSIS

MONTH: Mar 2017

	RAW	TREATED
<b>Mineral Analysis</b>	mg/L	mg/L
Residue on Evaporation	588	480
Silica (SiO2)	4.72	4.40
Iron (Fe)	0.633	0.198
Calcium (Ca)	90.6	77.4
Magnesium (Mg)	16.5	9.43
Sodium (Na)	130	102
Potassium (K)	6.77	6.31
Sulfate (SO4)	114	126
Nitrite (NO2)	0.0200	<0.0100
Nitrate (NO3)	0.798	0.975
Chloride (Cl)	135	80.7
Fluoride (F)	0.263	0.334 *
Phosphates (PO4)	0.0630	<0.0100
<b>Water Stability</b>	mg/L as CaCO3	mg/L as CaCO3
Total Alkalinity	125 *	105 *
Total Hardness	230	186
Langelier Index		0.2547
<b>Trace Element Analysis</b>	mg/L	mg/L
Arsenic (As)	0.00135	<0.00025
Barium (Ba)	0.0891	0.0637
Cadmium (Cd)	<0.000500	<0.000500
Chromium (Cr)	0.000953	<0.000500
Copper (Cu)	0.00641	0.00593
Iron (Fe)	0.633	0.198
Lead (Pb)	0.000430	<0.000250
Manganese (Mn)	0.0311	0.0263
Mercury (Hg)	<0.0000500	<0.0000500
Nickel (Ni)	0.00439	0.00652
Selenium (Se)	<0.000500	<0.000500
Silver (Ag)	<0.000250	<0.000250
Zinc (Zn)	0.00485	0.00549
<b>Other Analysis</b>	Units	Units
Chlorine Residual (mg/L)	--	3.48 *
Total coliform ( Present / Absent )	--	A *
pH (Standard Units) @ 25°C	8.31 *	8.07 *
Specific Conductance (Umhos)	754 *	787 *
Turbidity (NTU)	23.5 *	0.0643 *
Threshold Odor Number	100G	100Cl

\* Identifies Monthly Average Process analyses.

Date: 4/7/2017