

NORTH TEXAS MUNICIPAL WATER DISTRICT - Wylie

MONTHLY WATER ANALYSIS

MONTH: May 2017

	RAW	TREATED
<b>Mineral Analysis</b>	mg/L	mg/L
Residue on Evaporation	484	562
Silica (SiO2)	2.76	2.66
Iron (Fe)	0.372	0.167
Calcium (Ca)	72.2	78.5
Magnesium (Mg)	10.1	10.9
Sodium (Na)	84.5	113
Potassium (K)	5.96	6.32
Sulfate (SO4)	83.8	128
Nitrite (NO2)	0.0100	<0.0100
Nitrate (NO3)	0.595	0.699
Chloride (Cl)	87.6	98.6
Fluoride (F)	0.282	0.313 *
Phosphates (PO4)	0.0540	<0.0100
<b>Water Stability</b>	mg/L as CaCO3	mg/L as CaCO3
Total Alkalinity	117 *	105 *
Total Hardness	196	199
Langelier Index		0.7280
<b>Trace Element Analysis</b>	mg/L	mg/L
Arsenic (As)	0.00169	0.00051
Barium (Ba)	0.0713	0.0636
Cadmium (Cd)	<0.000500	<0.000500
Chromium (Cr)	0.000628	<0.000500
Copper (Cu)	0.0159	0.00256
Iron (Fe)	0.372	0.167
Lead (Pb)	0.000521	<0.000250
Manganese (Mn)	0.0216	0.00185
Mercury (Hg)	<0.0000500	<0.0000500
Nickel (Ni)	0.00475	0.00604
Selenium (Se)	0.000742	<0.000500
Silver (Ag)	<0.000250	<0.000250
Zinc (Zn)	0.00493	0.00337
<b>Other Analysis</b>	Units	Units
Chlorine Residual (mg/L)	--	3.33 *
Total coliform ( Present / Absent )	--	A *
pH (Standard Units) @ 25°C	8.18 *	8.06 *
Specific Conductance (Umhos)	753 *	779 *
Turbidity (NTU)	15.5 *	0.0677 *
Threshold Odor Number	50F	3Cl

\* Identifies Monthly Average Process analyses.

Date: 6/15/2017