

NORTH TEXAS MUNICIPAL WATER DISTRICT - Wylie

MONTHLY WATER ANALYSIS

MONTH: Jun 2017

	RAW	TREATED
Mineral Analysis	mg/L	mg/L
Residue on Evaporation	532	304
Silica (SiO2)	3.37	2.45
Iron (Fe)	0.305	0.179
Calcium (Ca)	85.0	67.2
Magnesium (Mg)	16.7	5.12
Sodium (Na)	152	91.9
Potassium (K)	7.47	6.70
Sulfate (SO4)	124	109
Nitrite (NO2)	<0.0100	<0.0100
Nitrate (NO3)	0.156	0.208
Chloride (Cl)	153	44.0
Fluoride (F)	0.265	0.250 *
Phosphates (PO4)	0.0290	<0.0100
Water Stability	mg/L as CaCO3	mg/L as CaCO3
Total Alkalinity	99.2 *	85.9 *
Total Hardness	203	124
Langelier Index		0.2390
Trace Element Analysis	mg/L	mg/L
Arsenic (As)	0.00230	0.00047
Barium (Ba)	0.0762	0.0480
Cadmium (Cd)	<0.000500	<0.000500
Chromium (Cr)	<0.000500	<0.000500
Copper (Cu)	0.0169	0.00661
Iron (Fe)	0.305	0.179
Lead (Pb)	0.000320	0.000537
Manganese (Mn)	0.0194	0.0207
Mercury (Hg)	<0.0000500	<0.0000500
Nickel (Ni)	0.00410	0.00716
Selenium (Se)	0.000815	<0.000500
Silver (Ag)	<0.000250	<0.000250
Zinc (Zn)	0.00357	0.0202
Other Analysis	Units	Units
Chlorine Residual (mg/L)	--	3.43 *
Total coliform (Present / Absent)	--	A *
pH (Standard Units) @ 25°C	8.15 *	8.14 *
Specific Conductance (Umhos)	722 *	762 *
Turbidity (NTU)	14.1 *	0.0654 *
Threshold Odor Number	6G	17Cl

* Identifies Monthly Average Process analyses.

Date: 7/12/2017