

NORTH TEXAS MUNICIPAL WATER DISTRICT - Wylie

MONTHLY WATER ANALYSIS

MONTH: Aug 2017

	RAW	TREATED
Mineral Analysis	mg/L	mg/L
Residue on Evaporation	330	404
Silica (SiO2)	5.70	5.17
Iron (Fe)	<10.0	0.190
Calcium (Ca)	52.1	47.3
Magnesium (Mg)	9.34	9.91
Sodium (Na)	80.0	111
Potassium (K)	6.37	6.56
Sulfate (SO4)	70.4	115
Nitrite (NO2)	<0.0100	<0.0100
Nitrate (NO3)	<0.0500	0.0920
Chloride (Cl)	64.6	75.6
Fluoride (F)	0.312	0.270 *
Phosphates (PO4)	0.0640	<0.0100
Water Stability	mg/L as CaCO3	mg/L as CaCO3
Total Alkalinity	83.9 *	67.7 *
Total Hardness	138	137
Langelier Index		0.4090
Trace Element Analysis	mg/L	mg/L
Arsenic (As)	0.00467	0.00078
Barium (Ba)	0.0528	0.0497
Cadmium (Cd)	<0.000500	<0.000500
Chromium (Cr)	<0.00125	<0.00125
Copper (Cu)	0.00458	0.00211
Iron (Fe)	<10.0	0.190
Lead (Pb)	0.000774	0.000733
Manganese (Mn)	<0.0500	0.00654
Mercury (Hg)	<0.0000500	<0.0000500
Nickel (Ni)	0.00281	0.00479
Selenium (Se)	0.000776	<0.000500
Silver (Ag)	<0.000250	<0.000250
Zinc (Zn)	0.00159	0.00257
Other Analysis	Units	Units
Chlorine Residual (mg/L)	--	3.44 *
Total coliform (Present / Absent)	--	A *
pH (Standard Units) @ 25°C	8.14 *	8.16 *
Specific Conductance (Umhos)	645 *	695 *
Turbidity (NTU)	12.0 *	0.0659 *
Threshold Odor Number	24F	2Cl

* Identifies Monthly Average Process analyses.

Date: 9/11/2017