

NORTH TEXAS MUNICIPAL WATER DISTRICT - Wylie

MONTHLY WATER ANALYSIS

MONTH: Mar 2018

	RAW	TREATED
Mineral Analysis	mg/L	mg/L
Residue on Evaporation	254	312
Silica (SiO2)	6.99	6.37
Iron (Fe)	1.12	0.191
Calcium (Ca)	64.9	56.6
Magnesium (Mg)	2.80	2.60
Sodium (Na)	27.0	55.7
Potassium (K)	4.81	4.15
Sulfate (SO4)	33.4	106
Nitrite (NO2)	<0.0100	<0.0100
Nitrate (NO3)	0.823	0.940
Chloride (Cl)	19.5	31.2
Fluoride (F)	0.235	0.219 *
Phosphates (PO4)	0.0290	0.0270
Water Stability	mg/L as CaCO3	mg/L as CaCO3
Total Alkalinity	110 *	87.0 *
Total Hardness	132	147
Langelier Index		0.1197
Trace Element Analysis	mg/L	mg/L
Arsenic (As)	0.00183	0.00030
Barium (Ba)	0.0483	0.0391
Cadmium (Cd)	<0.000500	<0.000500
Chromium (Cr)	0.00194	<0.00125
Copper (Cu)	0.0279	0.00136
Iron (Fe)	1.12	0.191
Lead (Pb)	0.000788	<0.000250
Manganese (Mn)	0.0257	0.00840
Mercury (Hg)	<0.0000500	<0.0000500
Nickel (Ni)	0.00375	0.00626
Selenium (Se)	0.000691	<0.000500
Silver (Ag)	<0.000250	<0.000250
Zinc (Zn)	0.00861	0.00406
Other Analysis	Units	Units
Chlorine Residual (mg/L)	--	3.62 *
Total coliform (Present / Absent)	--	A *
pH (Standard Units) @ 25°C	8.15 *	8.11 *
Specific Conductance (Umhos)	376 *	511 *
Turbidity (NTU)	30.4 *	0.0603 *
Threshold Odor Number	12F	50Cl

* Identifies Monthly Average Process analyses.

Date: 4/9/2018