

NORTH TEXAS MUNICIPAL WATER DISTRICT - Wylie

MONTHLY WATER ANALYSIS

MONTH: Apr 2017

	RAW	TREATED
Mineral Analysis	mg/L	mg/L
Residue on Evaporation	624	556
Silica (SiO2)	4.00	4.07
Iron (Fe)	0.583	0.288
Calcium (Ca)	91.8	80.2
Magnesium (Mg)	18.2	13.3
Sodium (Na)	131	113
Potassium (K)	6.50	6.48
Sulfate (SO4)	116	137
Nitrite (NO2)	<0.0100	<0.0100
Nitrate (NO3)	0.619	0.718
Chloride (Cl)	138	108
Fluoride (F)	0.259	0.347 *
Phosphates (PO4)	0.0470	<0.0100
Water Stability	mg/L as CaCO3	mg/L as CaCO3
Total Alkalinity	122 *	106 *
Total Hardness	236	199
Langelier Index		0.3550
Trace Element Analysis	mg/L	mg/L
Arsenic (As)	0.00209	0.00105
Barium (Ba)	0.0898	0.0707
Cadmium (Cd)	<0.000500	<0.000500
Chromium (Cr)	<0.00125	<0.00125
Copper (Cu)	0.00234	0.00622
Iron (Fe)	0.583	0.288
Lead (Pb)	<0.000250	<0.000250
Manganese (Mn)	0.0224	0.00089
Mercury (Hg)	<0.0000500	<0.0000500
Nickel (Ni)	0.00470	0.00616
Selenium (Se)	0.00156	0.00208
Silver (Ag)	<0.000250	<0.000250
Zinc (Zn)	0.00456	0.00489
Other Analysis	Units	Units
Chlorine Residual (mg/L)	--	3.34 *
Total coliform (Present / Absent)	--	A *
pH (Standard Units) @ 25°C	8.35 *	8.12 *
Specific Conductance (Umhos)	789 *	846 *
Turbidity (NTU)	17.9 *	0.0630 *
Threshold Odor Number	24F	3Cl

* Identifies Monthly Average Process analyses.

Date: 5/10/2017