

NORTH TEXAS MUNICIPAL WATER DISTRICT - Wylie

MONTHLY WATER ANALYSIS

MONTH: Feb 2017

	RAW	TREATED
Mineral Analysis	mg/L	mg/L
Residue on Evaporation	500	460
Silica (SiO2)	6.34	6.14
Iron (Fe)	0.527	0.167
Calcium (Ca)	91.2	85.1
Magnesium (Mg)	15.4	11.4
Sodium (Na)	123	121
Potassium (K)	7.66	7.10
Sulfate (SO4)	98.4	140
Nitrite (NO2)	<0.0100	<0.0100
Nitrate (NO3)	0.732	0.846
Chloride (Cl)	115	90.7
Fluoride (F)	0.242	0.369 *
Phosphates (PO4)	0.0530	<0.0100
Water Stability	mg/L as CaCO3	mg/L as CaCO3
Total Alkalinity	117 *	99.6 *
Total Hardness	206	183
Langelier Index		0.3197
Trace Element Analysis	mg/L	mg/L
Arsenic (As)	0.00173	0.00045
Barium (Ba)	0.0828	0.0582
Cadmium (Cd)	<0.000500	<0.000500
Chromium (Cr)	<0.00125	<0.00125
Copper (Cu)	0.0165	0.00215
Iron (Fe)	0.527	0.167
Lead (Pb)	0.000808	0.000405
Manganese (Mn)	0.0268	0.00244
Mercury (Hg)	<0.0000500	<0.0000500
Nickel (Ni)	0.00339	0.00542
Selenium (Se)	0.000770	<0.000500
Silver (Ag)	<0.000250	<0.000250
Zinc (Zn)	0.00682	0.00240
Other Analysis	Units	Units
Chlorine Residual (mg/L)	--	3.72 *
Total coliform (Present / Absent)	P	A *
pH (Standard Units) @ 25°C	8.28 *	8.28 *
Specific Conductance (Umhos)	632 *	638 *
Turbidity (NTU)	20.8 *	0.0588 *
Threshold Odor Number	50F	2Cl

* Identifies Monthly Average Process analyses.

Date: 3/14/2017