

NORTH TEXAS MUNICIPAL WATER DISTRICT - Wylie

MONTHLY WATER ANALYSIS

MONTH: Jan 2018

	RAW	TREATED
Mineral Analysis	mg/L	mg/L
Residue on Evaporation	412	456
Silica (SiO2)	3.63	3.41
Iron (Fe)	0.378	0.259
Calcium (Ca)	69.8	70.7
Magnesium (Mg)	12.5	11.6
Sodium (Na)	96.6	123
Potassium (K)	7.44	6.87
Sulfate (SO4)	86.6	128
Nitrite (NO2)	0.0100	<0.0100
Nitrate (NO3)	0.570	0.670
Chloride (Cl)	97.8	
Fluoride (F)	0.277	0.263 *
Phosphates (PO4)	0.0420	<0.0100
Water Stability	mg/L as CaCO3	mg/L as CaCO3
Total Alkalinity	111 *	93.3 *
Total Hardness	185	182
Langelier Index		-0.1625
Trace Element Analysis	mg/L	mg/L
Arsenic (As)	0.00190	0.00057
Barium (Ba)	0.0645	0.0566
Cadmium (Cd)	<0.000500	<0.000500
Chromium (Cr)	<0.00125	<0.00125
Copper (Cu)	0.0199	0.00423
Iron (Fe)	0.378	0.259
Lead (Pb)	0.000332	<0.000250
Manganese (Mn)	0.0340	0.0227
Mercury (Hg)	<0.0000500	<0.0000500
Nickel (Ni)	0.00392	0.00611
Selenium (Se)	0.00119	0.000630
Silver (Ag)	<0.000250	<0.000250
Zinc (Zn)	0.00672	0.00632
Other Analysis	Units	Units
Chlorine Residual (mg/L)	--	3.72 *
Total coliform (Present / Absent)	--	A *
pH (Standard Units) @ 25°C	8.30 *	8.23 *
Specific Conductance (Umhos)	829 *	758 *
Turbidity (NTU)	11.9 *	0.0634 *
Threshold Odor Number	8E	17Cl

* Identifies Monthly Average Process analyses.

Date: 2/7/2018