

NORTH TEXAS MUNICIPAL WATER DISTRICT - Wylie

MONTHLY WATER ANALYSIS

MONTH: Dec 2016

	RAW	TREATED
Mineral Analysis	mg/L	mg/L
Residue on Evaporation	422	260
Silica (SiO2)	8.66	7.72
Iron (Fe)	0.332	0.138
Calcium (Ca)	73.3	57.7
Magnesium (Mg)	14.0	3.96
Sodium (Na)	103	58.2
Potassium (K)	6.28	5.93
Sulfate (SO4)	84.9	87.8
Nitrite (NO2)	<0.0100	<0.0100
Nitrate (NO3)	0.531	0.784
Chloride (Cl)	96.7	22.6
Fluoride (F)	0.224	0.333 *
Phosphates (PO4)	0.0630	0.0170
Water Stability	mg/L as CaCO3	mg/L as CaCO3
Total Alkalinity	114 *	83.4 *
Total Hardness	185	123
Langelier Index		0.0077
Trace Element Analysis	mg/L	mg/L
Arsenic (As)	0.00218	0.00052
Barium (Ba)	0.0805	0.0398
Cadmium (Cd)	<0.000500	<0.000500
Chromium (Cr)	<0.00125	<0.00125
Copper (Cu)	0.0125	0.00226
Iron (Fe)	0.332	0.138
Lead (Pb)	0.000526	0.000256
Manganese (Mn)	0.0314	0.00786
Mercury (Hg)	<0.0000500	<0.0000500
Nickel (Ni)	0.00330	0.00514
Selenium (Se)	0.00101	<0.000500
Silver (Ag)	<0.000250	<0.000250
Zinc (Zn)	0.00600	0.0214
Other Analysis	Units	Units
Chlorine Residual (mg/L)	--	3.72 *
Total coliform (Present / Absent)	P	A *
pH (Standard Units) @ 25°C	8.32 *	8.15 *
Specific Conductance (Umhos)	660 *	453 *
Turbidity (NTU)	15.1 *	0.0591 *
Threshold Odor Number	17E	1.4Cl

* Identifies Monthly Average Process analyses.

Date: 1/9/2017