

NORTH TEXAS MUNICIPAL WATER DISTRICT - Wylie

MONTHLY WATER ANALYSIS

MONTH: Feb 2018

	RAW	TREATED
Mineral Analysis	mg/L	mg/L
Residue on Evaporation	478	376
Silica (SiO2)	4.82	5.38
Iron (Fe)	0.282	0.153
Calcium (Ca)	68.5	67.4
Magnesium (Mg)	10.4	6.61
Sodium (Na)	87.7	79.4
Potassium (K)	5.77	5.88
Sulfate (SO4)	97.3	102
Nitrite (NO2)	<0.0100	<0.0100
Nitrate (NO3)	0.600	0.762
Chloride (Cl)	100	60.4
Fluoride (F)	0.259	0.268 *
Phosphates (PO4)	0.0440	0.0140
Water Stability	mg/L as CaCO3	mg/L as CaCO3
Total Alkalinity	113 *	94.6 *
Total Hardness	158	157
Langelier Index		-0.0180
Trace Element Analysis	mg/L	mg/L
Arsenic (As)	0.00175	0.00065
Barium (Ba)	0.0722	0.0499
Cadmium (Cd)	<0.000500	<0.000500
Chromium (Cr)	<0.000500	<0.000500
Copper (Cu)	0.0121	0.00217
Iron (Fe)	0.282	0.153
Lead (Pb)	0.000348	<0.000250
Manganese (Mn)	0.0293	0.00413
Mercury (Hg)	<0.0000500	<0.0000500
Nickel (Ni)	0.00396	0.00634
Selenium (Se)	0.00111	0.000523
Silver (Ag)	<0.000250	<0.000250
Zinc (Zn)	0.00453	0.00393
Other Analysis	Units	Units
Chlorine Residual (mg/L)	--	3.67 *
Total coliform (Present / Absent)	--	A *
pH (Standard Units) @ 25°C	8.35 *	8.11 *
Specific Conductance (Umhos)	864 *	742 *
Turbidity (NTU)	17.2 *	0.0699 *
Threshold Odor Number	12F	4Cl

* Identifies Monthly Average Process analyses.

Date: 3/9/2018