

NORTH TEXAS MUNICIPAL WATER DISTRICT - Wylie

MONTHLY WATER ANALYSIS

MONTH: Sep 2018

	RAW	TREATED
Mineral Analysis	mg/L	mg/L
Residue on Evaporation	362	432
Silica (SiO2)	6.24	5.48
Iron (Fe)	0.546	0.324
Calcium (Ca)	46.4	46.6
Magnesium (Mg)	10.2	9.37
Sodium (Na)	95.0	107
Potassium (K)	6.18	5.66
Sulfate (SO4)	79.4	134
Nitrite (NO2)	0.0450	<0.0100
Nitrate (NO3)	<0.0500	0.159
Chloride (Cl)	78.5	91.6
Fluoride (F)	0.279	0.255 *
Phosphates (PO4)	0.0830	0.0130
Water Stability	mg/L as CaCO3	mg/L as CaCO3
Total Alkalinity	89.5 *	66.9 *
Total Hardness	145	142
Langelier Index		-0.1630
Trace Element Analysis	mg/L	mg/L
Arsenic (As)	0.00378	0.00062
Barium (Ba)	0.0604	0.0489
Cadmium (Cd)	<0.000500	<0.000500
Chromium (Cr)	<0.00125	<0.00125
Copper (Cu)	0.0117	0.00174
Iron (Fe)	0.546	0.324
Lead (Pb)	0.000283	<0.000250
Manganese (Mn)	0.0357	0.00763
Mercury (Hg)	<0.0000500	<0.0000500
Nickel (Ni)	0.00425	0.00653
Selenium (Se)	0.00133	0.000701
Silver (Ag)	<0.000250	<0.000250
Zinc (Zn)	0.00445	0.00309
Other Analysis	Units	Units
Chlorine Residual (mg/L)	--	3.38 *
Total coliform (Present / Absent)	--	A *
pH (Standard Units) @ 25°C	8.19 *	8.13 *
Specific Conductance (Umhos)	642 *	750 *
Turbidity (NTU)	12.1 *	0.0762 *
Threshold Odor Number	3.0	2.0

* Identifies Monthly Average Process analyses.

Date: 10/9/2018