

NORTH TEXAS MUNICIPAL WATER DISTRICT - Wylie
MONTHLY WATER ANALYSIS

Any questions regarding this report should be directed to the
North Texas Municipal Water District: 972-442-5405

MONTH: Apr 2018

	RAW	TREATED
Mineral Analysis	mg/L	mg/L
Residue on Evaporation	258	318
Silica (SiO ₂)	6.72	5.63
Iron (Fe)	0.894	0.188
Calcium (Ca)	57.4	62.7
Magnesium (Mg)	3.29	3.36
Sodium (Na)	24.6	49.7
Potassium (K)	5.85	5.66
Sulfate (SO ₄)	37.0	112
Nitrite (NO ₂)	0.0350	<0.0100
Nitrate (NO ₃)	0.832	1.05
Chloride (Cl)	21.6	30.8
Fluoride (F)	0.238	0.216 *
Phosphates (PO ₄)	0.0990	<0.0100
Water Stability	mg/L as CaCO ₃	mg/L as CaCO ₃
Total Alkalinity	120 *	93.6 *
Total Hardness	141	142
Langelier Index		0.1110
Trace Element Analysis	mg/L	mg/L
Arsenic (As)	0.00179	0.00033
Barium (Ba)	0.0531	0.0435
Cadmium (Cd)	<0.000500	<0.000500
Chromium (Cr)	0.00162	<0.000500
Copper (Cu)	0.0114	0.00283
Iron (Fe)	0.894	0.188
Lead (Pb)	0.000657	<0.000250
Manganese (Mn)	0.0262	0.0111
Mercury (Hg)	<0.0000500	<0.0000500
Nickel (Ni)	0.00403	0.00700
Selenium (Se)	<0.000500	<0.000500
Silver (Ag)	<0.000250	<0.000250
Zinc (Zn)	0.00638	0.00503
Other Analysis	Units	Units
Chlorine Residual (mg/L)	--	3.50 *
Total coliform (Present / Absent)	--	A *
pH (Standard Units) @ 25°C	8.33 *	8.14 *
Specific Conductance (Umhos)	393 *	524 *
Turbidity (NTU)	26.5 *	0.0574 *
Threshold Odor Number	2.0	2.0

* Identifies Monthly Average Process analyses.

Date: **5/9/2018**