

NORTH TEXAS MUNICIPAL WATER DISTRICT - Wylie

MONTHLY WATER ANALYSIS

MONTH: Jun 2019

	RAW	TREATED
<b>Mineral Analysis</b>	mg/L	mg/L
Residue on Evaporation	434	534
Silica (SiO2)	3.00	2.47
Iron (Fe)	0.476	0.252
Calcium (Ca)	70.1	79.9
Magnesium (Mg)	8.24	7.81
Sodium (Na)	40.9	77.8
Potassium (K)	3.60	3.34
Sulfate (SO4)	58.0	126
Nitrite (NO2)	0.0150	<0.0100
Nitrate (NO3)	0.310	0.459
Chloride (Cl)	45.3	56.2
Fluoride (F)	0.219	0.215 *
Phosphates (PO4)	0.0690	<0.0100
<b>Water Stability</b>	mg/L as CaCO3	mg/L as CaCO3
Total Alkalinity	131 *	105 *
Total Hardness	174	181
Langelier Index		0.6940
<b>Trace Element Analysis</b>	mg/L	mg/L
Arsenic (As)	0.00245	0.00048
Barium (Ba)	0.0638	0.0570
Cadmium (Cd)	<0.000500	<0.000500
Chromium (Cr)	<0.00125	<0.00125
Copper (Cu)	0.0147	0.00149
Iron (Fe)	0.476	0.252
Lead (Pb)	0.000295	<0.000250
Manganese (Mn)	0.0312	0.0180
Mercury (Hg)	<0.0000500	<0.0000500
Nickel (Ni)	0.00388	0.00679
Selenium (Se)	0.000819	0.000704
Silver (Ag)	<0.000250	<0.000250
Zinc (Zn)	0.00645	0.00619
<b>Other Analysis</b>	Units	Units
Chlorine Residual (mg/L)	--	3.48 *
Total coliform ( Present / Absent )	--	A *
pH (Standard Units) @ 25°C	8.22 *	8.24 *
Specific Conductance (Umhos)	527 *	654 *
Turbidity (NTU)	11.6 *	0.0668 *
Threshold Odor Number	4.0	2.0

\* Identifies Monthly Average Process analyses.

Date: 7/10/2019