

NORTH TEXAS MUNICIPAL WATER DISTRICT - Wylie

MONTHLY WATER ANALYSIS

MONTH: Jul 2018

	RAW	TREATED
<b>Mineral Analysis</b>	mg/L	mg/L
Residue on Evaporation	212	288
Silica (SiO2)	3.15	3.14
Iron (Fe)	0.464	0.217
Calcium (Ca)	40.4	39.5
Magnesium (Mg)	2.75	3.03
Sodium (Na)	28.5	58.1
Potassium (K)	4.49	4.19
Sulfate (SO4)	34.6	86.0
Nitrite (NO2)	<0.0100	<0.0100
Nitrate (NO3)	<0.0500	0.107
Chloride (Cl)	22.8	34.8
Fluoride (F)	0.267	0.243 *
Phosphates (PO4)	0.0720	<0.0100
<b>Water Stability</b>	mg/L as CaCO3	mg/L as CaCO3
Total Alkalinity	90.6 *	75.5 *
Total Hardness	100	105
Langelier Index		0.0535
<b>Trace Element Analysis</b>	mg/L	mg/L
Arsenic (As)	0.00391	0.00057
Barium (Ba)	0.0441	0.0388
Cadmium (Cd)	<0.000500	<0.000500
Chromium (Cr)	<0.00125	<0.00125
Copper (Cu)	0.0126	0.00455
Iron (Fe)	0.464	0.217
Lead (Pb)	0.000417	<0.000250
Manganese (Mn)	0.0464	0.00484
Mercury (Hg)	<0.0000500	<0.0000500
Nickel (Ni)	0.00374	0.00622
Selenium (Se)	0.000575	<0.000500
Silver (Ag)	<0.000250	<0.000250
Zinc (Zn)	0.00768	0.00344
<b>Other Analysis</b>	Units	Units
Chlorine Residual (mg/L)	--	3.42 *
Total coliform ( Present / Absent )	--	A *
pH (Standard Units) @ 25°C	8.28 *	8.03 *
Specific Conductance (Umhos)	328 *	456 *
Turbidity (NTU)	15.3 *	0.0736 *
Threshold Odor Number	4.0	2.0

\* Identifies Monthly Average Process analyses.

Date: 8/10/2018