

NORTH TEXAS MUNICIPAL WATER DISTRICT - Wylie

MONTHLY WATER ANALYSIS

MONTH: Feb 2019

	RAW	TREATED
<b>Mineral Analysis</b>	mg/L	mg/L
Residue on Evaporation	482	432
Silica (SiO2)	8.19	6.85
Iron (Fe)	0.873	0.355
Calcium (Ca)	89.2	61.9
Magnesium (Mg)	14.7	9.04
Sodium (Na)	96.3	64.1
Potassium (K)	3.78	3.49
Sulfate (SO4)	69.7	103
Nitrite (NO2)	0.0120	<0.0100
Nitrate (NO3)	0.613	0.821
Chloride (Cl)	82.8	59.1
Fluoride (F)	0.201	0.209 *
Phosphates (PO4)	0.114	<0.0100
<b>Water Stability</b>	mg/L as CaCO3	mg/L as CaCO3
Total Alkalinity	139 *	116 *
Total Hardness	246	191
Langelier Index		0.4770
<b>Trace Element Analysis</b>	mg/L	mg/L
Arsenic (As)	0.00217	0.00047
Barium (Ba)	0.0911	0.0566
Cadmium (Cd)	<0.000500	<0.000500
Chromium (Cr)	<0.00125	<0.00125
Copper (Cu)	0.0177	0.00203
Iron (Fe)	0.873	0.355
Lead (Pb)	0.000454	<0.000250
Manganese (Mn)	0.0253	0.00346
Mercury (Hg)	<0.0000500	<0.0000500
Nickel (Ni)	0.00538	0.00820
Selenium (Se)	0.00132	0.00100
Silver (Ag)	<0.000250	<0.000250
Zinc (Zn)	0.00656	0.00500
<b>Other Analysis</b>	Units	Units
Chlorine Residual (mg/L)	--	3.53 *
Total coliform ( Present / Absent )	--	A *
pH (Standard Units) @ 25°C	8.35 *	8.25 *
Specific Conductance (Umhos)	708 *	677 *
Turbidity (NTU)	13.5 *	0.0716 *
Threshold Odor Number	3.0	2.0

\* Identifies Monthly Average Process analyses.

Date: 3/6/2019