

NORTH TEXAS MUNICIPAL WATER DISTRICT - Wylie

MONTHLY WATER ANALYSIS

MONTH: Jul 2019

	RAW	TREATED
Mineral Analysis	mg/L	mg/L
Residue on Evaporation	372	368
Silica (SiO2)	3.51	2.88
Iron (Fe)	0.388	0.212
Calcium (Ca)	61.9	63.2
Magnesium (Mg)	8.83	6.38
Sodium (Na)	40.5	59.4
Potassium (K)	4.34	4.06
Sulfate (SO4)	72.6	112
Nitrite (NO2)	<0.0100	<0.0100
Nitrate (NO3)	0.0660	0.122
Chloride (Cl)	52.0	41.1
Fluoride (F)	0.224	0.222 *
Phosphates (PO4)	0.0640	<0.0100
Water Stability	mg/L as CaCO3	mg/L as CaCO3
Total Alkalinity	111 *	89.0 *
Total Hardness	171	149
Langelier Index		0.4920
Trace Element Analysis	mg/L	mg/L
Arsenic (As)	0.00316	0.00048
Barium (Ba)	0.0712	0.0512
Cadmium (Cd)	<0.000500	<0.000500
Chromium (Cr)	<0.00125	<0.00125
Copper (Cu)	0.0436	0.00222
Iron (Fe)	0.388	0.212
Lead (Pb)	0.000336	<0.000250
Manganese (Mn)	0.0254	0.00883
Mercury (Hg)	<0.0000500	<0.0000500
Nickel (Ni)	0.00335	0.00578
Selenium (Se)	0.000842	0.000566
Silver (Ag)	<0.000250	<0.000250
Zinc (Zn)	0.0112	0.00431
Other Analysis	Units	Units
Chlorine Residual (mg/L)	--	3.54 *
Total coliform (Present / Absent)	--	A *
pH (Standard Units) @ 25°C	8.23 *	8.26 *
Specific Conductance (Umhos)	562 *	558 *
Turbidity (NTU)	12.4 *	0.0631 *
Threshold Odor Number	33.0	4.0

* Identifies Monthly Average Process analyses.

Date: 8/7/2019