

NORTH TEXAS MUNICIPAL WATER DISTRICT - Wylie

MONTHLY WATER ANALYSIS

MONTH: Nov 2018

	RAW	TREATED
Mineral Analysis	mg/L	mg/L
Residue on Evaporation	498	416
Silica (SiO2)	7.13	6.71
Iron (Fe)	0.729	0.277
Calcium (Ca)	63.3	50.2
Magnesium (Mg)	11.8	5.96
Sodium (Na)	77.5	54.5
Potassium (K)	4.91	4.37
Sulfate (SO4)	71.6	95.3
Nitrite (NO2)	<0.0100	<0.0100
Nitrate (NO3)	0.422	0.563
Chloride (Cl)	97.7	54.0
Fluoride (F)	0.223	0.209 *
Phosphates (PO4)	0.0890	0.0160
Water Stability	mg/L as CaCO3	mg/L as CaCO3
Total Alkalinity	110 *	85.1 *
Total Hardness	179	142
Langelier Index		0.1692
Trace Element Analysis	mg/L	mg/L
Arsenic (As)	0.00274	0.00044
Barium (Ba)	0.0697	0.0461
Cadmium (Cd)	<0.000500	<0.000500
Chromium (Cr)	<0.00125	<0.00125
Copper (Cu)	0.00938	0.00139
Iron (Fe)	0.729	0.277
Lead (Pb)	0.000378	<0.000250
Manganese (Mn)	0.0219	0.00433
Mercury (Hg)	<0.0000500	<0.0000500
Nickel (Ni)	0.00438	0.00742
Selenium (Se)	0.00117	0.000609
Silver (Ag)	<0.000250	<0.000250
Zinc (Zn)	0.00574	0.00272
Other Analysis	Units	Units
Chlorine Residual (mg/L)	--	3.60 *
Total coliform (Present / Absent)	--	A *
pH (Standard Units) @ 25°C	8.23 *	8.12 *
Specific Conductance (Umhos)	701 *	581 *
Turbidity (NTU)	9.63 *	0.0773 *
Threshold Odor Number	4.0	Process Error

* Identifies Monthly Average Process analyses.

Date: 12/10/2018