

NORTH TEXAS MUNICIPAL WATER DISTRICT - Wylie

MONTHLY WATER ANALYSIS

MONTH: Nov 2017

	RAW	TREATED
Mineral Analysis	mg/L	mg/L
Residue on Evaporation	402	292
Silica (SiO2)	4.46	4.89
Iron (Fe)	0.431	0.198
Calcium (Ca)	52.2	41.8
Magnesium (Mg)	12.5	4.41
Sodium (Na)	91.3	60.8
Potassium (K)	6.10	6.60
Sulfate (SO4)	83.4	85.5
Nitrite (NO2)	0.0290	<0.0100
Nitrate (NO3)	0.102	0.211
Chloride (Cl)	92.3	37.9
Fluoride (F)	0.311	0.282 *
Phosphates (PO4)	0.0570	<0.0100
Water Stability	mg/L as CaCO3	mg/L as CaCO3
Total Alkalinity	96.4 *	82.6 *
Total Hardness	171	124
Langelier Index		-0.1790
Trace Element Analysis	mg/L	mg/L
Arsenic (As)	0.00245	0.00059
Barium (Ba)	0.0773	0.0442
Cadmium (Cd)	<0.000500	<0.000500
Chromium (Cr)	<0.00125	<0.00125
Copper (Cu)	0.00910	0.00359
Iron (Fe)	0.431	0.198
Lead (Pb)	<0.000250	<0.000250
Manganese (Mn)	0.0331	0.00809
Mercury (Hg)	<0.0000500	<0.0000500
Nickel (Ni)	0.00356	0.00476
Selenium (Se)	0.000869	<0.000500
Silver (Ag)	<0.000250	<0.000250
Zinc (Zn)	0.00457	0.00461
Other Analysis	Units	Units
Chlorine Residual (mg/L)	--	3.61 *
Total coliform (Present / Absent)	--	A *
pH (Standard Units) @ 25°C	8.36 *	8.3 *
Specific Conductance (Umhos)	768 *	665 *
Turbidity (NTU)	9.97 *	0.0691 *
Threshold Odor Number	70F	2Cl

* Identifies Monthly Average Process analyses.

Date: 12/11/2017