

NORTH TEXAS MUNICIPAL WATER DISTRICT
MONTHLY WATER ANALYSIS (WO# 1633065)

MONTH: Aug 2016

	RAW	TREATED
Mineral Analysis	mg/L	mg/L
Residue on Evaporation	176	244
Silica (SiO ₂)	4.37	3.01
Iron (Fe)	0.254	0.125
Calcium (Ca)	37.1	38.1
Magnesium (Mg)	3.07	2.98
Sodium (Na)	17.6	39.7
Potassium (K)	5.22	4.83
Sulfate (SO ₄)	22.8	63.0
Nitrite (NO ₂)	<0.0100	<0.0100
Nitrate (NO ₃)	<0.0500	<0.0500
Chloride (Cl)	12.4	16.3
Fluoride (F)	0.224	0.218
Phosphates (PO ₄)	0.0615	0.0118
Water Stability	mg/L as CaCO ₃	mg/L as CaCO ₃
Total Alkalinity	80.3	77.0
Total Hardness	95.4	106
Langelier Index	-	[+ 0.548]
Trace Element Analysis	ug/L*	ug/L*
Arsenic (As)	0.00513	0.000982
Barium (Ba)	0.0412	0.0416
Cadmium (Cd)	<0.000500	<0.000500
Chromium (Cr)	<0.00125	<0.00125
Copper (Cu)	0.0122	0.00299
Iron (Fe)	0.254	0.125
Lead (Pb)	0.000270	<0.000250
Manganese (Mn)	0.0298	0.00985
Mercury (Hg)	<0.0000500	<0.0000500
Nickel (Ni)	0.00299	0.00466
Selenium (Se)	0.000534	<0.000500
Silver (Ag)	<0.000250	<0.000250
Zinc (Zn)	0.00735	0.00246
Other Analysis	Units	Units
Chlorine Residual (mg/L)	-	3.46*
Total coliform (Present / Absent)	P	A
pH (Standard Units) @ 25°C	8.36*	8.40*
Specific Conductance (Umhos)	266	388
Turbidity (NTU)	13.5	0.0700*
Threshold Odor Number	35F	ND

Remarks: * Identifies Monthly Average Process and Field analyses.

Lab Manager: _____



Date: _____

09/07/2016