

NORTH TEXAS MUNICIPAL WATER DISTRICT
MONTHLY WATER ANALYSIS (WO# 1616073)

MONTH: Apr 2016

	RAW	TREATED
Mineral Analysis	mg/L	mg/L
Residue on Evaporation	312	382
Silica (SiO2)	2.54	2.45
Iron (Fe)	0.618	0.149
Calcium (Ca)	65.4	66.7
Magnesium (Mg)	6.95	7.07
Sodium (Na)	45.0	67.2
Potassium (K)	4.67	4.72
Sulfate (SO4)	51.3	124
Nitrite (NO2)	<0.0100	<0.0100
Nitrate (NO3)	0.351	0.441
Chloride (Cl)	45.6	63.0
Fluoride (F)	0.192	0.473
Phosphates (PO4)	0.0750	0.0180
Water Stability	mg/L as CaCO3	mg/L as CaCO3
Total Alkalinity	130	100
Total Hardness	179	173
Langelier Index	-	[+ 0.503]
Trace Element Analysis	ug/L*	ug/L*
Arsenic (As)	<0.00250	<0.00250
Barium (Ba)	0.0621	0.0532
Cadmium (Cd)	<0.000500	<0.000500
Chromium (Cr)	<0.00250	<0.00250
Copper (Cu)	0.0191	0.00199
Iron (Fe)	0.618	0.149
Lead (Pb)	0.00106	<0.000500
Manganese (Mn)	0.0217	0.00424
Mercury (Hg)	<0.0000500	<0.0000500
Nickel (Ni)	0.00357	0.00504
Selenium (Se)	<0.000500	0.000578
Silver (Ag)	<0.000500	<0.000500
Zinc (Zn)	0.0247	0.00424
Other Analysis	Units	Units
Chlorine Residual (mg/L)	-	3.22*
Total coliform (Present / Absent)	P	A
pH (Standard Units) @ 25°C	8.51*	8.21*
Specific Conductance (Umhos)	509	610
Turbidity (NTU)	19.9	0.0600*
Threshold Odor Number	12E	ND

Remarks: * Identifies Monthly Average Process and Field analyses.

Lab Manager: _____



Date: _____

05/12/2016