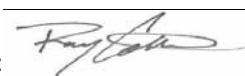


NORTH TEXAS MUNICIPAL WATER DISTRICT
MONTHLY WATER ANALYSIS (WO# 1602069)

MONTH: <u>Jan</u> <u>2016</u>	RAW	TREATED
Mineral Analysis	mg/L	mg/L
Residue on Evaporation	278	336
Silica (SiO2)	7.87	6.88
Iron (Fe)	0.363	0.171
Calcium (Ca)	67.9	55.9
Magnesium (Mg)	7.87	7.48
Sodium (Na)	47.9	67.4
Potassium (K)	6.03	5.77
Sulfate (SO4)	52.4	113
Nitrite (NO2)	<0.0200	<0.0200
Nitrate (NO3)	0.629	0.632
Chloride (Cl)	52.4	54.5
Fluoride (F)	<0.250	0.207
Phosphates (PO4)	0.0650	0.0150
Water Stability	mg/L as CaCO3	mg/L as CaCO3
Total Alkalinity	112	84.2
Total Hardness	149	152
Langelier Index	-	[- 0.0443]
Trace Element Analysis	mg/L	mg/L
Arsenic (As)	0.00559	<0.00500
Barium (Ba)	0.0545	0.0499
Cadmium (Cd)	<0.00100	<0.00100
Chromium (Cr)	<0.00500	<0.00500
Copper (Cu)	0.0131	0.00310
Iron (Fe)	0.363	0.171
Lead (Pb)	0.000309	<0.000250
Manganese (Mn)	0.0211	0.00866
Mercury (Hg)	<0.000100	<0.000100
Nickel (Ni)	0.00302	0.00539
Selenium (Se)	<0.00250	<0.00250
Silver (Ag)	<0.000250	<0.000250
Zinc (Zn)	0.00734	0.00550
Other Analysis	Units	Units
Chlorine Residual (mg/L)	-	3.74*
Total coliform (Present / Absent)	-	A
pH (Standard Units) @ 25°C	8.35*	8.06*
Specific Conductance (Umhos)	473	570
Turbidity (NTU)	14.4	0.0900*
Threshold Odor Number	50F	1.4CL

Remarks: * Identifies Monthly Average Process and Field analyses.

Lab Manager: _____



Date: _____

02/10/2016