


NORTH TEXAS MUNICIPAL WATER DISTRICT
MONTHLY WATER ANALYSIS (WO# 1611081)

MONTH: Mar 2016

	RAW	TREATED
Mineral Analysis	mg/L	mg/L
Residue on Evaporation	304	348
Silica (SiO2)	5.54	5.09
Iron (Fe)	0.741	0.201
Calcium (Ca)	63.1	63.6
Magnesium (Mg)	6.73	6.19
Sodium (Na)	44.8	57.0
Potassium (K)	5.07	4.99
Sulfate (SO4)	51.0	112
Nitrite (NO2)	<0.0200	<0.0200
Nitrate (NO3)	0.461	0.468
Chloride (Cl)	53.2	58.0
Fluoride (F)	0.182	0.353
Phosphates (PO4)	0.0870	0.0160
Water Stability	mg/L as CaCO3	mg/L as CaCO3
Total Alkalinity	120	96.5
Total Hardness	177	176
Langelier Index	-	[- 0.0798]
Trace Element Analysis	ug/L*	ug/L*
Arsenic (As)	<0.00500	<0.00500
Barium (Ba)	0.0616	0.0461
Cadmium (Cd)	<0.00100	<0.00100
Chromium (Cr)	<0.00500	<0.00500
Copper (Cu)	0.0296	0.00496
Iron (Fe) mg/L	0.741	0.201
Lead (Pb)	0.000593	<0.00100
Manganese (Mn)	0.0347	0.00457
Mercury (Hg)	<0.000100	<0.000100
Nickel (Ni)	0.00361	0.00454
Selenium (Se)	0.000598	<0.00100
Silver (Ag)	<0.00100	<0.00100
Zinc (Zn)	0.0149	0.00623
Other Analysis	Units	Units
Chlorine Residual (mg/L)	-	3.85*
Total coliform (Present / Absent)	P	A
pH (Standard Units) @ 25°C	8.54*	7.91*
Specific Conductance (Umhos)	537	603
Turbidity (NTU)	28.1	0.0567*
Threshold Odor Number	24F	2CL

Remarks: * Identifies Monthly Average Process and Field analyses.

Lab Manager: 

Date: 04/27/2016