

NORTH TEXAS MUNICIPAL WATER DISTRICT
MONTHLY WATER ANALYSIS (WO# 1642098)

MONTH: Oct 2016

	RAW	TREATED
Mineral Analysis	mg/L	mg/L
Residue on Evaporation	182	246
Silica (SiO ₂)	8.94	8.17
Iron (Fe)	0.335	0.111
Calcium (Ca)	33.5	36.8
Magnesium (Mg)	2.56	2.70
Sodium (Na)	17.1	35.3
Potassium (K)	4.39	4.96
Sulfate (SO ₄)	25.0	76.4
Nitrite (NO ₂)	0.0124	<0.0100
Nitrate (NO ₃)	0.0566	0.164
Chloride (Cl)	13.7	22.2
Fluoride (F)	0.235	0.243
Phosphates (PO ₄)	0.0999	0.0230
Water Stability	mg/L as CaCO₃	mg/L as CaCO₃
Total Alkalinity	81.7	64.7
Total Hardness	98.6	96.8
Langelier Index	-	-
Trace Element Analysis	mg/L	mg/L
Arsenic (As)	0.00398	0.000678
Barium (Ba)	0.0460	0.0367
Cadmium (Cd)	<0.000500	<0.000500
Chromium (Cr)	<0.00125	<0.00125
Copper (Cu)	0.00448	0.00295
Iron (Fe)	0.335	0.111
Lead (Pb)	0.000402	0.000329
Manganese (Mn)	0.0379	0.0141
Mercury (Hg)	<0.0000500	<0.0000500
Nickel (Ni)	0.00275	0.00446
Selenium (Se)	<0.000500	<0.000500
Silver (Ag)	<0.000250	<0.000250
Zinc (Zn)	0.00543	0.00489
Other Analysis	Units	Units
Chlorine Residual (mg/L)	-	3.38*
Total coliform (Present / Absent)	P	A
pH (Standard Units) @ 25°C	*	*
Specific Conductance (Umhos)	280	393
Turbidity (NTU)	14.8	0.0700*
Threshold Odor Number	50F	2CL

Remarks: * Identifies Monthly Average Process and Field analyses.

Lab Manager: _____



Date: _____

11/14/2016