

NORTH TEXAS MUNICIPAL WATER DISTRICT  
MONTHLY WATER ANALYSIS (WO# 1625073)

MONTH: Jun 2016

	RAW	TREATED
<b>Mineral Analysis</b>	mg/L	mg/L
Residue on Evaporation	290	344
Silica (SiO2)	5.93	4.63
Iron (Fe)	0.298	0.119
Calcium (Ca)	55.5	62.2
Magnesium (Mg)	6.03	6.09
Sodium (Na)	40.0	64.8
Potassium (K)	4.57	4.87
Sulfate (SO4)	44.7	93.1
Nitrite (NO2)	0.0182	<0.0100
Nitrate (NO3)	0.404	0.512
Chloride (Cl)	42.8	48.5
Fluoride (F)	0.199	0.197
Phosphates (PO4)	0.0500	0.0110
<b>Water Stability</b>	mg/L as CaCO3	mg/L as CaCO3
Total Alkalinity	119	103
Total Hardness	154	154
Langelier Index	-	[+ 0.414 ]
<b>Trace Element Analysis</b>	ug/L*	ug/L*
Arsenic (As)	0.00251	<0.00250
Barium (Ba)	0.0654	0.0547
Cadmium (Cd)	<0.000500	<0.000500
Chromium (Cr)	<0.00250	<0.00250
Copper (Cu)	0.0341	0.00337
Iron (Fe)	0.298	0.119
Lead (Pb)	<0.000500	<0.000500
Manganese (Mn)	0.0891	0.0101
Mercury (Hg)	<0.0000500	<0.0000500
Nickel (Ni)	0.00333	0.00521
Selenium (Se)	<0.000500	0.000662
Silver (Ag)	<0.000500	<0.000500
Zinc (Zn)	0.0138	0.00477
<b>Other Analysis</b>	Units	Units
Chlorine Residual (mg/L)	-	3.40*
Total coliform ( Present / Absent )	P	A
pH (Standard Units) @ 25°C	7.91*	8.09*
Specific Conductance (Umhos)	487	574
Turbidity (NTU)	14.2	0.0650*
Threshold Odor Number	12F	ND

Remarks: \* Identifies Monthly Average Process and Field analyses.

Lab Manager: \_\_\_\_\_



Date: \_\_\_\_\_

07/06/2016