NORTH TEXAS MUNICIPAL WATER DISTRICT

MONTHLY WATER ANALYSIS (WO# 8011001)

MONTH: Jan 2008

	RAW	TREATED
Mineral Analysis	mg/L	mg/L
Residue on Evaporation	294	294
Silica (SiO2)	8.25	7.19
Iron (Fe)	<0.200	<0.200
Calcium (Ca)	45.8	49.7
Magnesium (Mg)	5.77	5.83
Sodium (Na)	31.6	37.0
Potassium (K)	5.09	5.09
Bicarbonates (HCO3)	143	134
Carbonates (CO3)	0	0
Hydroxides (OH)	0	0
Sulfate (SO4)	42.6	66.6
Nitrite (NO2)	<0.0200	<0.0200
Nitrate (NO3)	0.533	0.278
Chloride (Cl)	91.2	50.4
Fluoride (F)	0.253	0.453
Phosphates (PO4)	<0.0500	<0.0500
Water Stability	mg/L as CaCO3	mg/L as CaCO3
Total Alkalinity	117	109
Phenolphthalein Alkalinity	0	0
Noncarbonate Hardness	36.8	61.9
Total Hardness	154	171
Langelier Index	-	[+ 0.0652]
Trace Element Analysis	mg/L	mg/L
Arsenic (As)	<0.00500	<0.00500
Barium (Ba)	0.0516	0.0401
Cadmium (Cd)	<0.00100	<0.00100
Chromium (Cr)	<0.00500	<0.00500
Copper (Cu)	0.00478	0.0237
Iron (Fe)	<0.200	<0.200
Lead (Pb)	<0.00100	<0.00100
Manganese (Mn)	0.0268	0.00151
Mercury (Hg)	<0.000100	<0.000100
Nickel (Ni)	0.00361	0.00342
Selenium (Se)	<0.00100	<0.00100
Silver (Ag)	<0.00100	<0.00100
Zinc (Zn)	<0.0100	<0.0100
Other Analysis	Units	Units
Chlorine Residual (mg/L)	-	3.05
Total coliform (Present / Absent)	P	A
pH (Standard Units) @ 25°C	7.94	7.99
Specific Conductance (Umhos)	471	527
Turbidity (NTU)	6.06	0.153*
Threshold Odor Number	8E	2C

Remarks: * Identifies Monthly Average Process analyses.

Lab Manager: Michael E. Gooch

Date: 02/27/08