

NORTH TEXAS MUNICIPAL WATER DISTRICT - Wylie

MONTHLY WATER ANALYSIS

MONTH: May 2016

	RAW	TREATED
<b>Mineral Analysis</b>	mg/L	mg/L
Residue on Evaporation	292	364
Silica (SiO2)	4.16	3.85
Iron (Fe)	0.569	0.133
Calcium (Ca)	48.7	55.9
Magnesium (Mg)	6.67	6.99
Sodium (Na)	31.3	58.9
Potassium (K)	4.56	4.70
Sulfate (SO4)	47.0	104
Nitrite (NO2)	<0.0100	<0.0100
Nitrate (NO3)	0.498	0.732
Chloride (Cl)	43.6	56.0
Fluoride (F)	0.198	0.281 *
Phosphates (PO4)	0.0820	0.0280
<b>Water Stability</b>	mg/L as CaCO3	mg/L as CaCO3
Total Alkalinity	128 *	102 *
Total Hardness	170	181
Langelier Index		0.5700
<b>Trace Element Analysis</b>	mg/L	mg/L
Arsenic (As)	0.00263	<0.00250
Barium (Ba)	0.0660	0.0532
Cadmium (Cd)	<0.000500	<0.000500
Chromium (Cr)	<0.00250	<0.00250
Copper (Cu)	0.0101	0.00390
Iron (Fe)	0.569	0.133
Lead (Pb)	0.000528	<0.000500
Manganese (Mn)	0.0397	0.00320
Mercury (Hg)	<0.0000500	<0.0000500
Nickel (Ni)	0.00369	0.00507
Selenium (Se)	<0.000500	0.000524
Silver (Ag)	<0.000500	<0.000500
Zinc (Zn)	0.00909	0.00591
<b>Other Analysis</b>	Units	Units
Chlorine Residual (mg/L)	--	3.77 *
Total coliform ( Present / Absent )	P	A *
pH (Standard Units) @ 25°C	8.28 *	8.18 *
Specific Conductance (Umhos)	468 *	546 *
Turbidity (NTU)	16.4 *	0.0587 *
Threshold Odor Number	1.4F	ND

\* Identifies Monthly Average Process analyses.

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

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