



City of San Angelo

# Water Quality Laboratory

1324 Metcalfe St.

San Angelo, TX 76903

Ph: 325.481.2722 - Fax: 325.653.7278



## LABORATORY REPORT

<b>Report To:</b> City of San Angelo Water Production Plant 327 W. Ave I San Angelo, TX 76903			<b>Lab Number:</b> 162 <b>Collected:</b> 10:00:00 AM <b>Received:</b> 2/8/2016 <b>Reported:</b> 2/11/2016			
<b>Project Name:</b> Water Production Plant <b>Contact:</b> Charles McGuire <b>Sample ID:</b> Tap Sample						
Analyte	Results	Units	Test Date	By	DL	Method
Aluminum (Al)	0.1	mg/L	2/8/2016	AEV	0.1	Hach 8012
Ammonia nitrogen (NH3-N)	1.08	mg/L	2/8/2016	AEV	0.015	Hach 10205
Bicarbonate (HCO3)	185	mg/L	2/8/2016	AEV	4	SM 2320-B
Calcium (as Ca)	90	mg/L	2/8/2016	AEV	4	SM 3500-Ca-B
Chloride (Cl)	168	mg/L	2/8/2016	AEV	4	SM 4500-Cl-B
Conductivity	1207	µs	2/8/2016	AEV	1	SM 2510-B
Fluoride (F)	0.56	mg/L	2/8/2016	AEV	0.1	Hach 8029
Iron (Fe)	0.01	mg/L	2/8/2016	AEV	0.01	Hach 8008
Magnesium (as Mg)	43	mg/L	2/8/2016	AEV	4	SM 3500-Mg-B
Nitrate nitrogen (NO3-N)	0.47	mg/L	2/8/2016	AEV	0.23	Hach 10206
Ortho-phosphate (PO4)	0.05	mg/L	2/8/2016	AEV	0.06	Hach 8048
pH Value	7.6	units	2/8/2016	AEV		SM 4500-H+
Potassium (K)	9.0	mg/L	2/8/2016	AEV	5	Hach 8049
Sodium (Na)	97	mg/L	2/8/2016	AEV	4	calc.
Sulfate (SO4)	221	mg/L	2/8/2016	AEV	10	Hach 10227
Total Alkalinity (as CaCO3)	152	mg/L	2/8/2016	AEV	4	SM 2320-B
Total Dissolved Solids (TDS)	736	mg/L	2/8/2016	AEV	5	calc.
Total Hardness (as CaCO3)	400	mg/L	2/8/2016	AEV	4	SM 2340-C
Total Hardness (in Grains)	23.6	gr/gal	2/8/2016	AEV		SM 2340-C

cc: Lab File

Tymn Combest  
 Plant Operations Manager