



City of San Angelo

Water Quality Laboratory

1324 Metcalfe St.

San Angelo, TX 76903

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LABORATORY REPORT

Report To: City of San Angelo Water Production Plant 327 W. Ave I San Angelo, TX 76903	Lab Number: 184 Collected: 9:00:00 AM Received: 5/13/2016 Reported: 5/16/2016
Project Name: Water Production Plant Contact: Charles McGuire Sample ID: Tap Sample	

Analyte	Results	Units	Test Date	By	DL	Method
Aluminum (Al)	0.1	mg/L	5/13/2016	AEV	0.1	Hach 8012
Ammonia nitrogen (NH3-N)	1.14	mg/L	5/13/2016	AEV	0.015	Hach 10205
Bicarbonate (HCO3)	181	mg/L	5/13/2016	AEV	4	SM 2320-B
Calcium (as Ca)	85	mg/L	5/13/2016	AEV	4	SM 3500-Ca-B
Chloride (Cl)	188	mg/L	5/13/2016	AEV	4	SM 4500-Cl-B
Conductivity	1292	µs	5/13/2016	AEV	1	SM 2510-B
Fluoride (F)	0.39	mg/L	5/13/2016	AEV	0.1	Hach 8029
Iron (Fe)	0.01	mg/L	5/13/2016	AEV	0.01	Hach 8008
Magnesium (as Mg)	47	mg/L	5/13/2016	AEV	4	SM 3500-Mg-B
Nitrate nitrogen (NO3-N)	0.41	mg/L	5/13/2016	AEV	0.23	Hach 10206
Ortho-phosphate (PO4)	0.06	mg/L	5/13/2016	AEV	0.06	Hach 8048
pH Value	7.8	units	5/13/2016	AEV		SM 4500-H+
Potassium (K)	15.0	mg/L	5/13/2016	AEV	5	Hach 8049
Sodium (Na)	121	mg/L	5/13/2016	AEV	4	calc.
Sulfate (SO4)	261	mg/L	5/13/2016	AEV	10	Hach 10227
Total Alkalinity (as CaCO3)	148	mg/L	5/13/2016	AEV	4	SM 2320-B
Total Dissolved Solids (TDS)	788	mg/L	5/13/2016	AEV	5	calc.
Total Hardness (as CaCO3)	404	mg/L	5/13/2016	AEV	4	SM 2340-C
Total Hardness (in Grains)	23.8	gr/gal	5/13/2016	AEV		SM 2340-C

cc: Lab File

Tymn Combest
Plant Operations Manager