



City of San Angelo

Water Quality Laboratory

1324 Metcalfe St.

San Angelo, TX 76903

Ph: 325.481.2722 - Fax: 325.653.7278



LABORATORY REPORT

| Report To: City of San Angelo Water Production Plant 327 W. Ave I San Angelo, TX 76903 | | | Lab Number: 94 Collected: 9:30:00 AM Received: 12/8/2014 Reported: 12/9/2014 | | | |
|--|---------|--------|---|-----|-------|--------------|
| 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 | 12/8/2014 | AEV | 0.1 | Hach 8012 |
| Ammonia nitrogen (NH3-N) | 0.62 | mg/L | 12/8/2014 | AEV | 0.015 | Hach 10205 |
| Bicarbonate (HCO3) | 107 | mg/L | 12/8/2014 | AEV | 4 | SM 2320-B |
| Calcium (as Ca) | 85 | mg/L | 12/8/2014 | AEV | 4 | SM 3500-Ca-B |
| Chloride (Cl) | 200 | mg/L | 12/8/2014 | AEV | 4 | SM 4500-Cl-B |
| Conductivity | 1290 | µs | 12/8/2014 | AEV | 1 | SM 2510-B |
| Fluoride (F) | 0.49 | mg/L | 12/8/2014 | AEV | 0.1 | Hach 8029 |
| Iron (Fe) | 0.02 | mg/L | 12/8/2014 | AEV | 0.01 | Hach 8008 |
| Magnesium (as Mg) | 46 | mg/L | 12/8/2014 | AEV | 4 | SM 3500-Mg-B |
| Nitrate nitrogen (NO3-N) | 0.36 | mg/L | 12/8/2014 | AEV | 0.23 | Hach 10206 |
| Ortho-phosphate (PO4) | 0.08 | mg/L | 12/8/2014 | AEV | 0.06 | Hach 8048 |
| pH Value | 7.8 | units | 12/8/2014 | AEV | | SM 4500-H+ |
| Potassium (K) | 13.0 | mg/L | 12/8/2014 | AEV | 5 | Hach 8049 |
| Sodium (Na) | 93 | mg/L | 12/8/2014 | AEV | 4 | calc. |
| Sulfate (SO4) | 237 | mg/L | 12/8/2014 | AEV | 10 | Hach 10227 |
| Total Alkalinity (as CaCO3) | 88 | mg/L | 12/8/2014 | AEV | 4 | SM 2320-B |
| Total Dissolved Solids (TDS) | 784 | mg/L | 12/8/2014 | AEV | 5 | calc. |
| Total Hardness (as CaCO3) | 400 | mg/L | 12/8/2014 | AEV | 4 | SM 2340-C |
| Total Hardness (in Grains) | 23.6 | gr/gal | 12/8/2014 | AEV | | SM 2340-C |

cc: Lab File

Tymn Combest
 Water Quality Superintendent