



City of San Angelo

Water Quality Laboratory

1324 Metcalfe St.

San Angelo, TX 76903

Ph: 325.481.2722 - Fax: 325.653.7278



LABORATORY REPORT

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| Report To: City of San Angelo Water Production Plant 327 W. Ave I San Angelo, TX 76903 | Lab Number: 383 Collected: 9:00:00 AM Received: 3/13/2019 Reported: 3/20/2019 |
| 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 | 3/13/2019 | TTS | 0.1 | Hach 8012 |
| Ammonia nitrogen (NH3-N) | 0.79 | mg/L | 3/13/2019 | TTS | 0.015 | Hach 10205 |
| Bicarbonate (HCO3) | 200 | mg/L | 3/13/2019 | TTS | 4 | SM 2320-B |
| Calcium (as Ca) | 80 | mg/L | 3/13/2019 | TTS | 4 | SM 3500-Ca-B |
| Chloride (Cl) | 176 | mg/L | 3/13/2019 | TTS | 4 | SM 4500-Cl-B |
| Conductivity | 1099 | µs | 3/13/2019 | TTS | 1 | SM 2510-B |
| Fluoride (F) | 0.36 | mg/L | 3/13/2019 | TTS | 0.1 | Hach 8029 |
| Iron (Fe) | 0.01 | mg/L | 3/13/2019 | TTS | 0.01 | Hach 8008 |
| Magnesium (as Mg) | 36 | mg/L | 3/13/2019 | TTS | 4 | SM 3500-Mg-B |
| Nitrate nitrogen (NO3-N) | 0.91 | mg/L | 3/13/2019 | TTS | 0.23 | Hach 10206 |
| Ortho-phosphate (PO4) | 0.03 | mg/L | 3/13/2019 | TTS | 0.06 | Hach 8048 |
| pH Value | 8.1 | units | 3/13/2019 | TTS | | SM 4500-H+ |
| Potassium (K) | 7.0 | mg/L | 3/13/2019 | TTS | 5 | Hach 8049 |
| Sodium (Na) | 120 | mg/L | 3/13/2019 | TTS | 4 | calc. |
| Sulfate (SO4) | 193 | mg/L | 3/13/2019 | TTS | 10 | Hach 10227 |
| Total Alkalinity (as CaCO3) | 164 | mg/L | 3/13/2019 | TTS | 4 | SM 2320-B |
| Total Dissolved Solids (TDS) | 780 | mg/L | 3/13/2019 | TTS | 5 | calc. |
| Total Hardness (as CaCO3) | 348 | mg/L | 3/13/2019 | TTS | 4 | SM 2340-C |
| Total Hardness (in Grains) | 20.5 | gr/gal | 3/13/2019 | TTS | | SM 2340-C |

cc: Lab File

Elena Velez-Reyes
Laboratory Manager