CWQMN Data Collection Summaries – Pecos River near Girvin, TX

TCEQ installed the first CWQMN network stations in 2001. Multiprobe data collection and data quality assessment protocols evolved over the years. TCEQ develops CWQMN Data Collection Summaries to provide information about historical data collection and potential data quality issues. The current revision of the CWQMN QAPP details the most recent data collection procedures, data quality assessment procedures, data quality objectives, and data validation procedures for each network station.

The Pecos River Basin CWQMN sub-network includes nine (9) stations from near Red Bluff, NM, to near Langtry, TX. The sub-network collects continuous water quality monitoring data to support the Pecos River Watershed Protection Plan, the Pecos River Interstate Compact Commission, and TCEQ data needs. The Pecos River sub-network includes:

- CAMS 788 – Pecos River near Red Bluff, NM
- CAMS 798 – Pecos River near Orla, TX
- CAMS 807 – Pecos River at FM3398
- CAMS 710 – Pecos River near Pecos, TX
- CAMS 709 – Pecos River near Coyanosa, TX
- CAMS 785 – Pecos River near Girvin, TX
- CAMS 735 – Pecos River near Sheffield, TX
- CAMS 729 – Pecos River at Brotherton Ranch, TX
- CAMS 764 – Independence Creek at Caroline T-5 Spring, TX
- CAMS 799 – Pecos River near Langtry, TX

Go to station data for Pecos River near Girvin, TX.

CAMS 785 Pecos River near Girvin, TX: Real-time water quality monitoring since 8/19/2011

- Measurement Parameters:
  Dissolved Oxygen, pH, Specific Conductance, and Temperature
- Measurement Equipment:
  YSI 6-Series multiprobe (optical dissolved oxygen sensor) installed on 8/18/2011 - present
- Data Collection Information:
  On 9/1/2011 USGS began operating the station according to USGS procedures (TM1D3).
- Multiprobe Data Quality Measurement Information:
  Multiprobe sensors and deployment tubes deployed on the Pecos River can experience sediment fouling. Fouling can compromise data quality.
  Beginning 9/1/2011, USGS began measuring sensor/deployment tube fouling as part of station service visits. Prior to 9/1/2011, only sensor calibration drift measurements were made for data validation purposes.

CAMS 785 Pecos River near Girvin, TX: Real-time gage height and discharge since 8/19/2011

- Measurement Equipment:
  Design Analysis H350/355 Bubbler –8/19/2011 - Present
- Data Collection Information:
  Station operated by USGS according to USGS procedures.
- Data Quality Measurement Information:

Station operated by USGS according to USGS procedures.