

**RED RIVER AUTHORITY OF TEXAS**  
**Summary of the Canadian and Red River Basins**  
**Advisory Committee Meeting**  
**April 19, 2016**

The Canadian and Red River Basins Advisory Committee Meeting was held on April 19, 2016, in the meeting room of the Holliday Inn Express and Suites in Amarillo, Texas at 10:00 a.m. There were approximately 27 stakeholders, including staff, in attendance at the meeting.

Mr. Allen Pappas, Clean Rivers Program Project Manager with the Authority, opened the meeting with introductions and a review of the meeting agenda.

Mr. Martinez, Environmental Technician with the Authority, began the meeting with a presentation of the *Draft 2016 Basin Highlights Report* and *Proposed FY-2017 Coordinated Monitoring Efforts*. He presented information regarding current 303(d) impairments and 305(b) concerns as they relate to water quality throughout the Canadian River Basin, also including the western-most reaches of the Red River Basin (Reaches IV and V). Mr. Martinez also discussed current trends in water quality within several segments, focusing on both total dissolved solids (TDS) and nutrient trends within segments appearing on the *Texas 2014 Integrated Report (2014 IR)*. He emphasized unique trends within some water bodies, specifically the Canadian River above Lake Meredith, Lake Meredith, Rita Blanca Lake, Wolf Creek, and the Upper Prairie Dog Town Fork of the Red River. In closing, Mr. Martinez strongly encouraged all stakeholders to review the information prepared by the Authority in the *Draft 2016 Basin Highlights Report* and the *2014 Basin Summary Report* for additional information on pertinent water quality issues throughout both the Canadian and Red River Basins.

Mr. Kyle Ingham, Local Government Services Director for the Panhandle Water Planning Group, presented the *2016 Panhandle Water Plan*. Mr. Ingham provided important historical information pertaining to the origin of water planning in Texas, and how it has evolved into the current process. Additionally, Mr. Ingham focused on several chapters from the current *2016 Panhandle Water Plan* including:

- Chapter 1 – Planning Area and Description
- Chapter 2 – Population and Demands
- Chapter 3 – Water Supplies
- Chapter 4 – Identification of Water Needs
- Chapter 5 – Water Management Strategies
- Chapter 6 – Impacts of the Regional Water Plan
- Chapter 7 – Drought Response
- Chapter 11 – Implementation and Comparison to Previous Regional Water Plan

Mr. Ingham emphasized the importance of stakeholders throughout the water planning process to ensure the needs of the future could be achieved.

Dr. Srinivasulu Ale, Geospatial Hydrologist with the Texas A&M AgriLife Research Station (Vernon, Texas), presented on how various grazing management practices can impact water conservation, quality and streamflow. Dr. Srinivasulu compared several different grazing practices in regards to how they could potentially effect in-stream concentrations of various analytes including total nitrogen and total phosphorus. Additionally, average streamflow associated with grazing management practices was analyzed. In conclusion, based on several different models, there does appear to be a correlation between water quality and flow based on grazing management practices upstream.

Mr. Pappas then opened the floor for final questions and comments and encouraged stakeholders to review the *Draft 2016 Basin Highlights Report*. Following discussion, the meeting adjourned at approximately 12:00 p.m. and lunch was provided.