

**RED RIVER AUTHORITY OF TEXAS**  
**Summary of the Canadian and Red River Basins**  
**Advisory Committee Meeting**  
**March 17, 2015**

The Canadian and Red River Basins Advisory Committee Meeting was held on March 17, 2015, in the Newcrest Room of the Courtyard Marriot Hotel in Amarillo, Texas at 10:00 a.m. There were approximately 21 stakeholders, including staff, in attendance at the meeting.

Mr. Allen Pappas, Clean Rivers Program Project Manager with the Authority, opened the meeting with introductions, a short review of the meeting agenda, and a brief overview of the Clean Rivers Program and its importance to water quality monitoring in the Canadian and Red River Basins.

Mr. Martinez, Environmental Technician with the Authority, began the meeting with a presentation of the *Draft 2015 Basin Summary Report* and *Proposed FY-2016 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 *Draft 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. Additionally, Mr. Martinez discussed the Recreational Use Attainability Analysis (RUAA) process, focusing on Dixon and Sweetwater Creek, where RUAA's had recently been completed. In closing, Mr. Martinez strongly encouraged all stakeholders to review the information prepared by the Authority in the *Draft 2015 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. Emmett Autrey, Director of Utilities for the City of Amarillo, presented on Recreational Use Attainability Analyses (RUAA's). He also discussed how the City of Amarillo is coping with the ongoing drought in the Panhandle. Mr. Autrey began by identifying current water supplies including both ground and surface water. He then focused on major water consumers, of which approximately 89% can be attributed to the immense agricultural industry throughout the area, while cities and other industry account for a mere 11%. Mr. Autrey stressed that while the City of Amarillo has actively sought to purchase additional water rights in the area, conservation, including increases in direct potable reuse (DPR), would be essential to preserving this precious resource for future generations.

Mr. Mick Baldys, hydrologist with the United States Geological Survey (USGS), presented on select USGS projects in Texas. The presentation included updates on seven (7) projects including:

1. Red River Basin Study

Part of the SECURE Water Act (2007) to help determine if an adequate quantity of water, with sufficient quality and timing-characteristics, to meet both human and ecological needs exists.

2. Peak-Streamflow Frequency Curves  
Help determine peak streamflow frequency curves in central and western Texas
3. Brazos Gain-Loss Study  
Evaluation of base flows in the Brazos River
4. North Plains Groundwater District Study  
Evaluation of water levels and properties including major inorganic ions, nutrients, trace metals, and pesticides (6 wells)
5. West Texas Geophysical Studies  
Help understand the hydrogeological setting and processes that control the distribution, quality, and availability of water in the Edwards-Trinity aquifer in Pecos County
6. Zebra Mussel Study  
Ongoing evaluation in several Texas lakes/reservoirs to monitor the spread of this highly invasive species
7. Emerging Contaminants Study  
Summarize detections, concentrations, and distributions of compounds of emerging concern in potable Water Treatment Plants, Wastewater Treatment Plants and the Trinity River

Mr. Pappas then opened the floor for final questions and comments and encouraged stakeholders to review the *Draft-2015 Basin Highlights Report*. Following discussion, the meeting adjourned at approximately 12:00 p.m. and lunch was provided.