



Colorado River: Monitoring Chloride and Total Dissolved Solids

River Basin: Colorado River

Water Body: Colorado River below E.V. Spence Reservoir (Segment 1426)

Location: Robert Lee

Background

The Colorado River below E.V. Spence Reservoir is a 66-mile freshwater stream. In 2000, this segment of river did not meet the state water quality standard for total dissolved solids (TDS), sulfates, and chloride. High concentrations of these salts may negatively affect uses of the waterbody. In April 2007, two Total Maximum Daily Loads (TMDLs) were completed and approved for Segment 1426. The goals of the TMDLs were to identify sources of high salts and improve water quality in the river by implementing management measures. The stakeholder driven Implementation Plan (I-Plan) document was approved by TCEQ in October 2007. Upper Colorado River Authority (UCRA) will implement one of the recommended control actions of the TMDL I-Plan.

Project Descriptions

The Clean Rivers Program has reported increasing chloride and TDS concentrations at their routine water quality monitoring station in segment 1426 since 2009. UCRA will conduct a field study to identify the source or sources of the increasing chloride and TDS concentrations. After determining the source(s) and or activity(ies) linked to high chloride and TDS concentrations at this monitoring station, a plan for abatement/remediation can be developed.

The TMDL I-Plan coordination committee, UCRA and the City of Robert Lee will hold a public meeting to gain support and involvement of local landowners and the public. Visit the project website for notifications of public forums, and other project activities.



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For More Information

Project Website

www.ucratx.org/robertlee.html

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