



## Implementing the Mission and Aransas TMDL

<b>Water Body</b>	Mission River (2221 and 2002) and Aransas River (2003 and 2004)
<b>Location</b>	Bee, Goliad, Karnes, Refugio, and San Patricio Counties
<b>River Basin</b>	San Antonio-Nueces Coastal Basin (21)
<b>Contractor</b>	Texas Water Resources Institute (TWRI)
<b>Project Period</b>	September 1, 2017 to August 31, 2019
<b>Project Total</b>	\$143,333 (Federal 60% and Local Match 40%)

### Background

Multiple segments in the Mission and Aransas River watersheds have been listed on the Texas 303(d) list for elevated levels of bacteria since 2004. In 2016, a Total Maximum Daily Load (TMDL) Implementation Plan was finalized for these two watersheds in their entirety. Stakeholders designated the gathering of additional water quality data as a stand-alone management measure in the implementation plan to inform the selection of implementation measures.

### Project Description

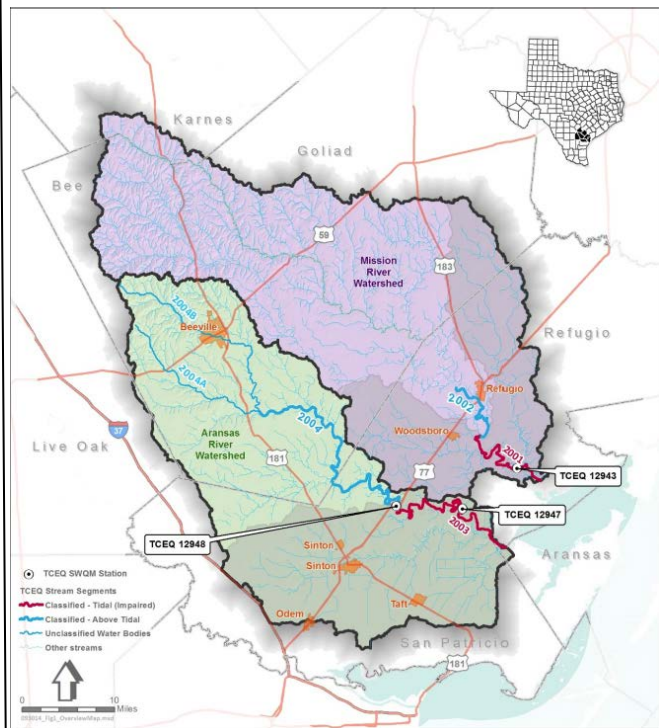
TWRI will conduct routine monthly monitoring at three stations (two on the Aransas River and one on the Mission River) for one year. Samples will be taken near-surface and analyzed for total suspended solids, turbidity, nitrate-nitrogen, ammonia nitrogen, total Kjeldahl nitrogen, and total phosphorus, along with field parameters. TWRI will maintain a database for this water quality information and submit data to the TCEQ Surface Water Quality Monitoring Information System.

### Current Status

TCEQ has reviewed the first draft of the quality assurance project plan (QAPP) and provided comments. Monitoring projected to begin in the summer of 2018.

### Public Participation

Activities of this project will be closely coordinated with the TMDL stakeholder group.



### For More Information

#### TCEQ Project Manager

Tim Cawthon  
512-239-0845; [Tim.Cawthon@tceq.texas.gov](mailto:Tim.Cawthon@tceq.texas.gov)

#### TWRI Project Manager

Dr. Allen Berthold  
979-845-2028; [taberthold@ag.tamu.edu](mailto:taberthold@ag.tamu.edu)

## Project Highlights

- 09/2017 – Contract executed. Post-award conference held.
- 04/2018 – TCEQ provided comments on the Draft QAPP.