



## Upper Tule Creek West Widening and Slope Protection and Realignment

<b>Water Body</b>	Tule Creek
<b>Location</b>	Aransas County
<b>River Basin</b>	San Antonio-Nueces (20)
<b>Contractor</b>	Aransas County
<b>Project Period</b>	August 15, 2011 to August 31, 2014
<b>Project Total</b>	\$343,594 (Federal 60% and 40% Local Match)

### Project Description

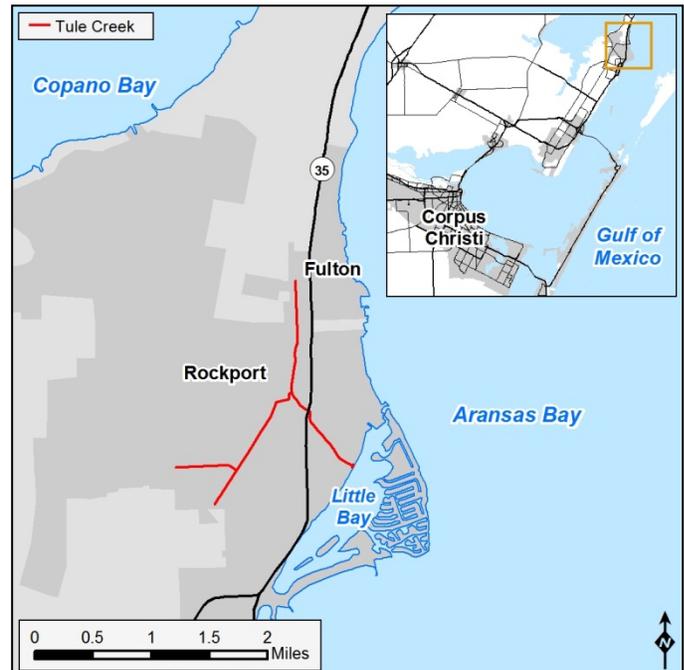
The Tule Creek watershed drains areas of the City of Rockport and the Town of Fulton. The area population and impervious cover are expected to increase in the next two decades, causing an associated increase in storm water runoff. Scientists have identified polluted storm water runoff as a principle cause of declining water quality and loss of wildlife habitat within Little Bay, which Tule Creek flows into. The ecological health of Little Bay is imperative to stakeholders because it is an important resource for the community. It provides water-based recreational activities for local residents along with important habitat for local wildlife.

To address water quality concerns in the area, Aransas County is working cooperatively with local communities to develop a storm water management plan. The plan emphasizes proper storm water management practices to protect natural resources and the quality of life for residents. A range of storm water best management practices (BMP) have been identified for use in the area.

The project will include final engineering, permitting, plans and specifications preparation, completion of a construction bidding process and the construction of BMPs along upper Tule Creek West Channel. The proposed immediate action will utilize appropriate techniques to re-vegetate and stabilize these eroding banks. Various alternative vegetative-sloping and erosion control techniques will be evaluated and the selected approach will be permitted and designed. This proposed project will also involve the majority of actual field sampling and measurements, finalizing the modeling and BMP performance assessment.

### Current Status

Preliminary design and analysis have been completed. Engineering analysis and construction bid selection is ongoing.



### For More Information

#### TCEQ Project Manager

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#### Website

<http://www.aransascounty.org/stormwatermgmt>

## Project Highlights

- 08/15/2011 – Contract initiated
- 09/27/2011 – Post Award Contract Orientation Meeting was conducted
- 12/22/2011 – Quality Assurance Project Plan (QAPP) Meeting was conducted
- 08/03/2012 – Modeling QAPP was executed.
- 08/10/2012 – Monitoring QAPP was executed.