

Mid Pecan Bayou

Recreational Use Attainability Analysis

Public Meeting

May 4, 2011

Brownwood, TX

Use Attainability Analysis (UAA)

- Assess the physical, chemical, biological, and economical factors affecting the use of a waterbody.
- Identify and recommend attainable uses and criteria to a waterbody based on its unique characteristics.



RUAA Components

Sampling Conditions

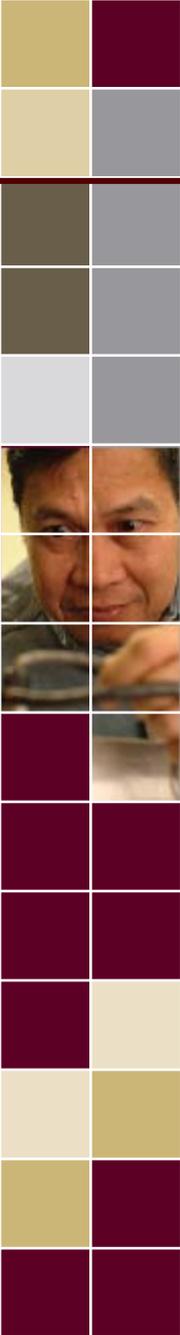
Base flow Conditions

1. Sustained typical dry warm-weather flow
2. Between rainfall events

Periods of Likely Use (March – October)

Air temperature >70 F

1. Spring Break
2. Weekends
3. Holidays
4. Summer



RUAA Components

Stream Surveys

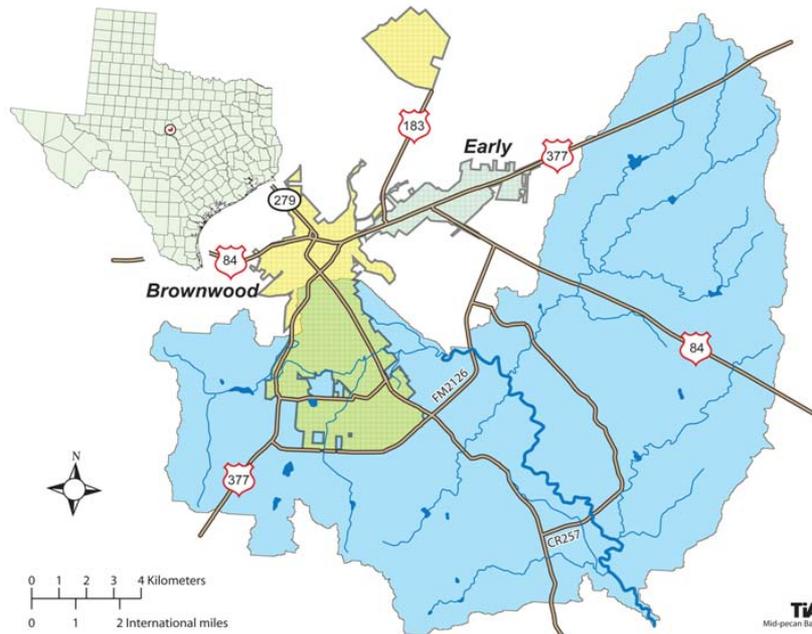
Photographic Record

Historical Information

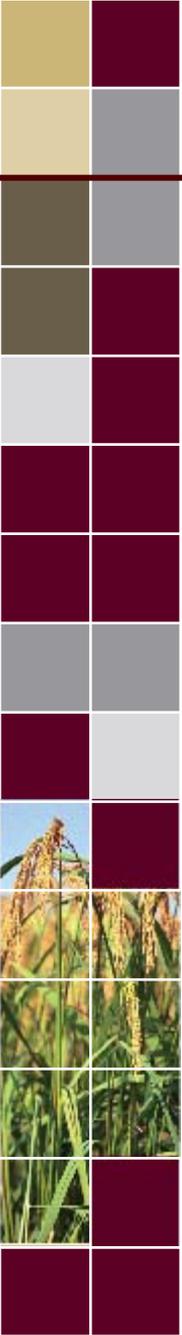
Interviews

Bacteria Source Survey

Mid Pecan Bayou



- Mid Pecan Bayou is located in Brown County, southeast of Brownwood and extends from a point immediately upstream of the confluence of Mackinally Creek to a point immediately upstream of Willis Creek.
- First listed on the 2006 303(d) List for elevated levels of bacteria



Mid Pecan Bayou RUAA

Goals and Objectives

- Collect information on factors affecting attainment of recreational use
- Ensure public participation and coordinated stakeholder involvement in decision-making
- Assess possible sources of bacteria



Mid Pecan Bayou RUAA

Project Team

- Texas State Soil and Water Conservation Board (TSSWCB)
- Texas AgriLife Research - Stephenville (AgriLife Research)
- Texas Institute for Applied Environmental Research (TIAER)



Mid Pecan Bayou RUAA

Project Team

– Texas State Soil and Water Conservation Board

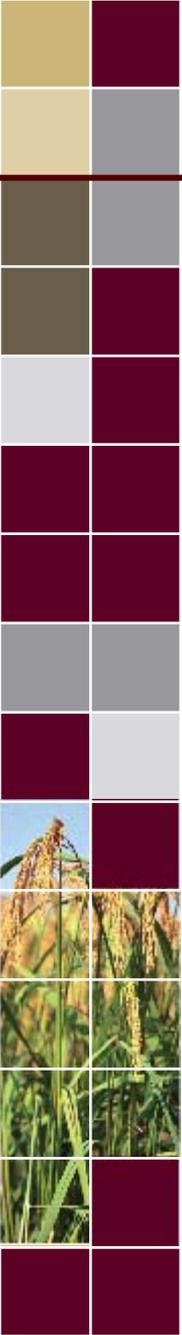
- Project Oversight
- Management of all project activities
- Ensure coordination of activities
- Provide funding to conduct project
 - ~\$121,000
- Provide the Texas Commission on Environmental Quality (TCEQ) information about project activities



Mid Pecan Bayou RUAA

Project Team

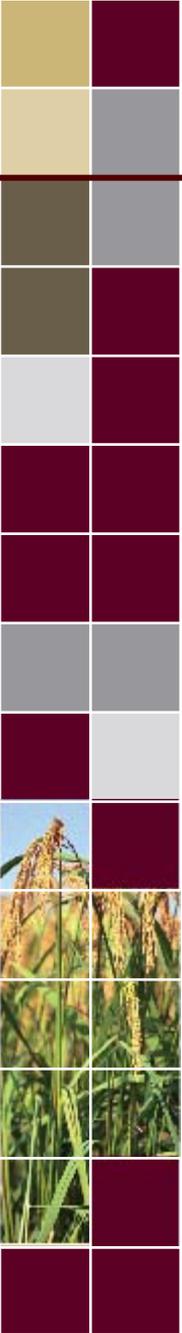
- Texas AgriLife Research
 - Facilitate public participation and stakeholder coordination
- Texas Institute for Applied Environmental Research
 - Field surveys and bacteria source survey



Mid Pecan Bayou RUAA

Time Frame and Milestones

- August 2010
 - Project start date, Contracts initiated
- February 22, 2011
 - Public Meeting
- May 4, 2011
 - Sanitary Survey Design Meeting
- May-August 2011
 - Field Surveys
- May-November 2011
 - Bacteria Source Survey
- June/July 2011
 - Public Meeting to Update on Progress



Mid Pecan Bayou RUAA

Project Website

- <http://www.tsswcb.state.tx.us/managementprogram/mpbruaa>



Project Funding

**Provided through a State General Revenue
Nonpoint Source grant from Texas State
Soil and Water Conservation Board.**

Comments

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