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Mid Pecan Bayou

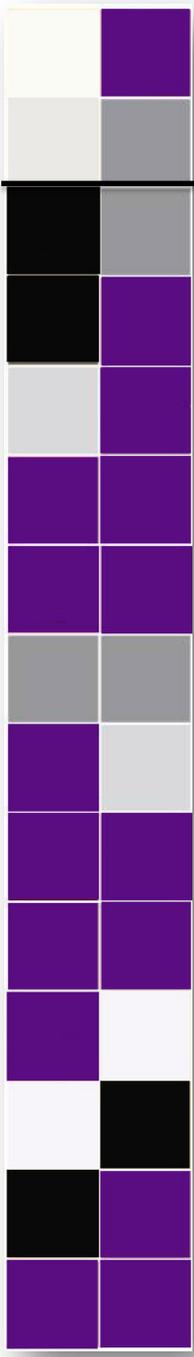
Recreational Use-Attainability Analysis Field Survey Update

Study Team:
Texas AgriLife Research
&

Texas Institute for Applied Environmental Research
Stephenville, Texas

August 10, 2011

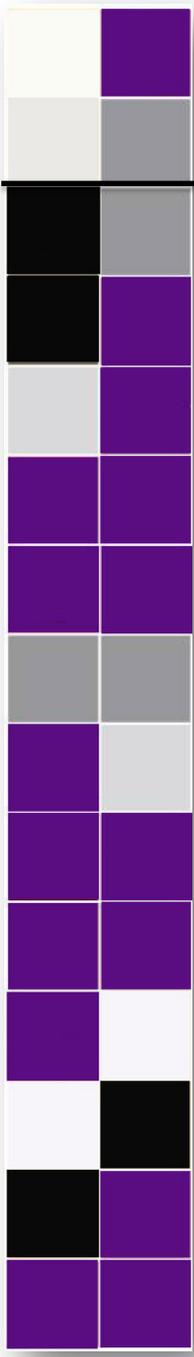




Acknowledgements

- Agency Lead:
 - Texas State Soil and Water Conservation Board (TSSWCB)
- Funding:
 - State General Revenue Non-Point Source Grant Program (FY2010)

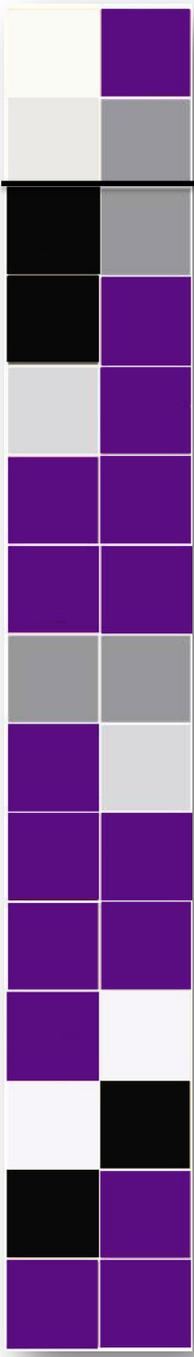




Field Surveys

- What it entails
 - Transects
 - 300 meter reach per site
 - 11 transects spaced 30 meters apart
 - Interviews
 - Individuals that are physically at the site
 - Individuals familiar with the segment

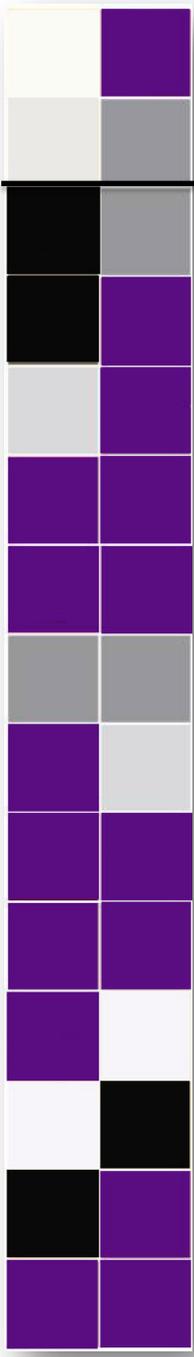




Components of a RUAA

- Conduct Two field surveys
- Historical information review
- Interviews from users and others present during surveys
- Technical RUAA report to be submitted to TSSWCB





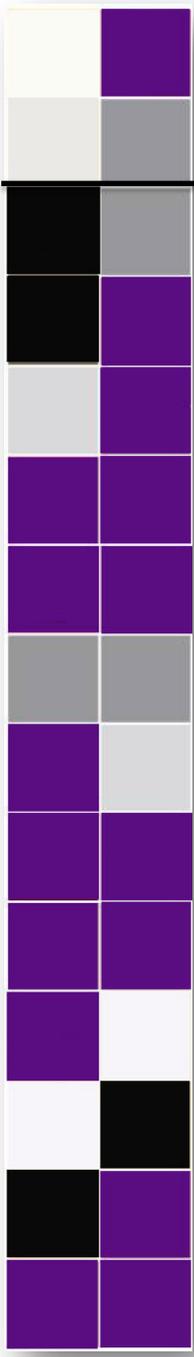
Field Data Sheet Information

- Information on stream characteristics
- Streamflow measurement
- Current air and water temperature
- Riparian zone, ease of bank access, dominant substrate
- Document any recreation water and non-water uses observed
- Stream and pool measurements



Any Questions on RUAA
Background?





Survey Dates for Mid Pecan Bayou

- 2011 – One survey event
 - Data Collected June 10th & 11th
- 2011 – Second survey event
 - Data collection tentatively scheduled for Labor Day Weekend



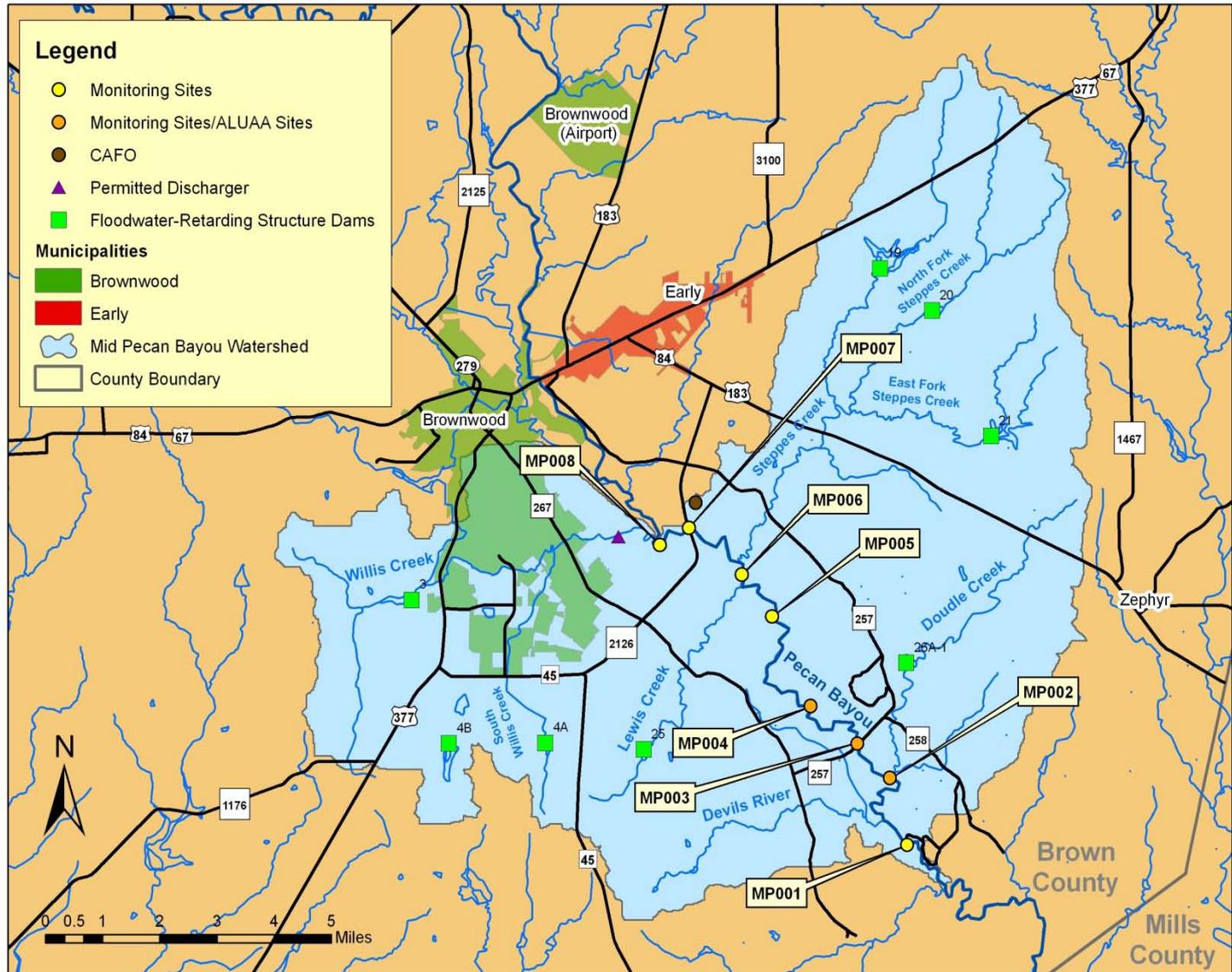
Summary of RUAA Sites on Mid Pecan

Mid Pecan Bayou Watershed Segment 1431

Sites listed in upstream to downstream order

TCEQ ID	Map Legend	Site Description	Latitude	Longitude	Distance to Previous Station (km)	Distance from Upper Segment Boundary (km)	Distance from Lower Segment Boundary (km)	Private or Public Access	Private Access Landowner Approved
12502	MP008	Mid Pecan Bayou downstream of Willis Creek confluence	31.691389	98.935555	0.00	0.45	21.74	Private	Yes
12504	MP007	Mid Pecan Bayou at FM 2126 southeast of Brownwood	31.69546	98.911486	1.14	1.59	20.60	Public	Not Applicable
-	MP006	Mid Pecan Bayou 0.39 km downstream of the confluence with Steppes Creek south of Brownwood	31.684065	98.911486	2.80	4.39	17.80	Private	Yes
12505	MP005	Mid Pecan Bayou 4.88 km downstream of FM 2126	31.673889	98.902809	2.20	6.59	15.60	Private	Yes
20799	MP004	Mid Pecan Bayou 1.72 km upstream of Brown CR 257	31.64646	-98.88437	4.67	11.26	10.93	Private	Yes
12507	MP003	Mid Pecan Bayou at Brown CR 257 (Ten Mile Crossing) 12.19 km downstream of FM 2126	31.64232	98.877251	3.08	14.34	7.85	Public	Not Applicable
20800	MP002	Mid Pecan Bayou 1.6 km downstream of Brown CR 257	31.634271	98.866911	1.55	15.89	6.30	Private	Yes
-	MP001	Mid Pecan Bayou 1.0 km downstream of the confluence with Devils River, south of Brownwood	31.617719	98.862308	3.90	19.79	2.40	Private	Yes

Mid Pecan Bayou – Seg. 1431



Mid Pecan Bayou Photographs



Bucket on Stream Bank



**Mid Pecan Bayou @ FM 2126
(downstream)**



Mid Pecan Bayou Photographs



Shoe Print on Steam Bank



Styrofoam Cup



Mid Pecan Bayou Photographs



Trail to Water



Inaccessibility



Mid Pecan Bayou Photographs

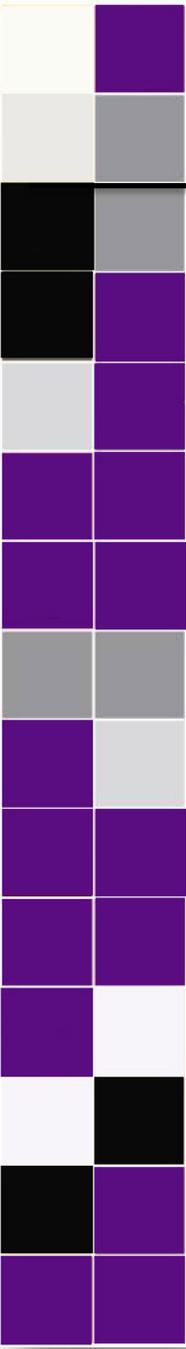


Blockage in Stream



Accessibility Issues





Interview Information

Interviews have revealed that the following recreational activities have occurred within Mid-Pecan Bayou:

- Fishing
- Wading
- Swimming
- Boating

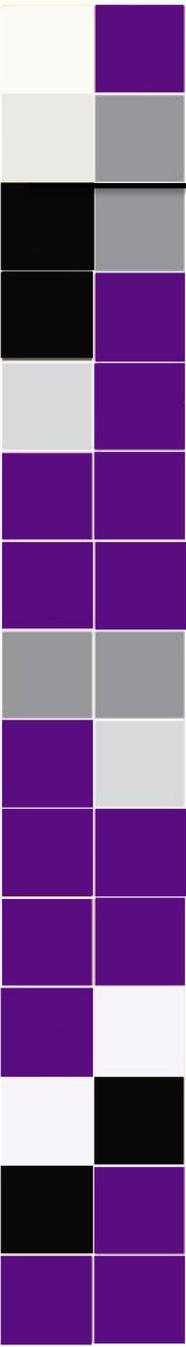
(TIAER did not observe any of these)



Next Steps

- 2nd Field Survey
 - Tentatively Scheduled for Labor Day Weekend
- Final Reports Meeting
 - TBA





Questions?

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