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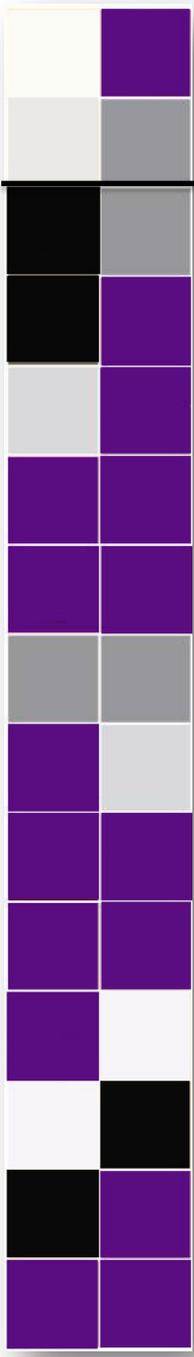
Mid Pecan Bayou

Recreational Use Attainability Analysis Summary of Findings

Study Team:
Texas AgriLife Research
&
Texas Institute for Applied Environmental Research
Stephenville, Texas

January 9, 2012

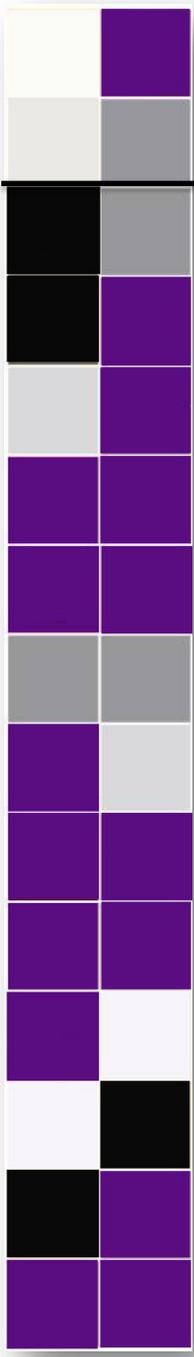




Field Surveys

- What they entail:
 - 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
- Complete field data sheet for each site
- Documented weather conditions
- Photographic record
 - @transect upstream, downstream, left bank, and right bank
 - Evidence of human use

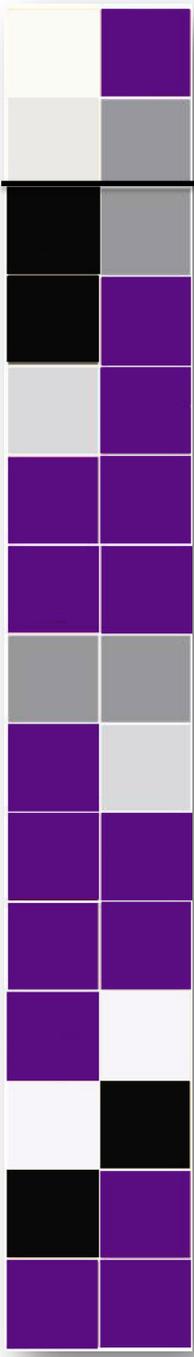




Sampling Conditions for Surveys

1. Air temperature over 70° F
2. Sustained or typical dry, warm-weather streamflow
3. Performed when use is likely (Spring Break, Weekends, Holidays & Summer)





Field Data Sheet Information

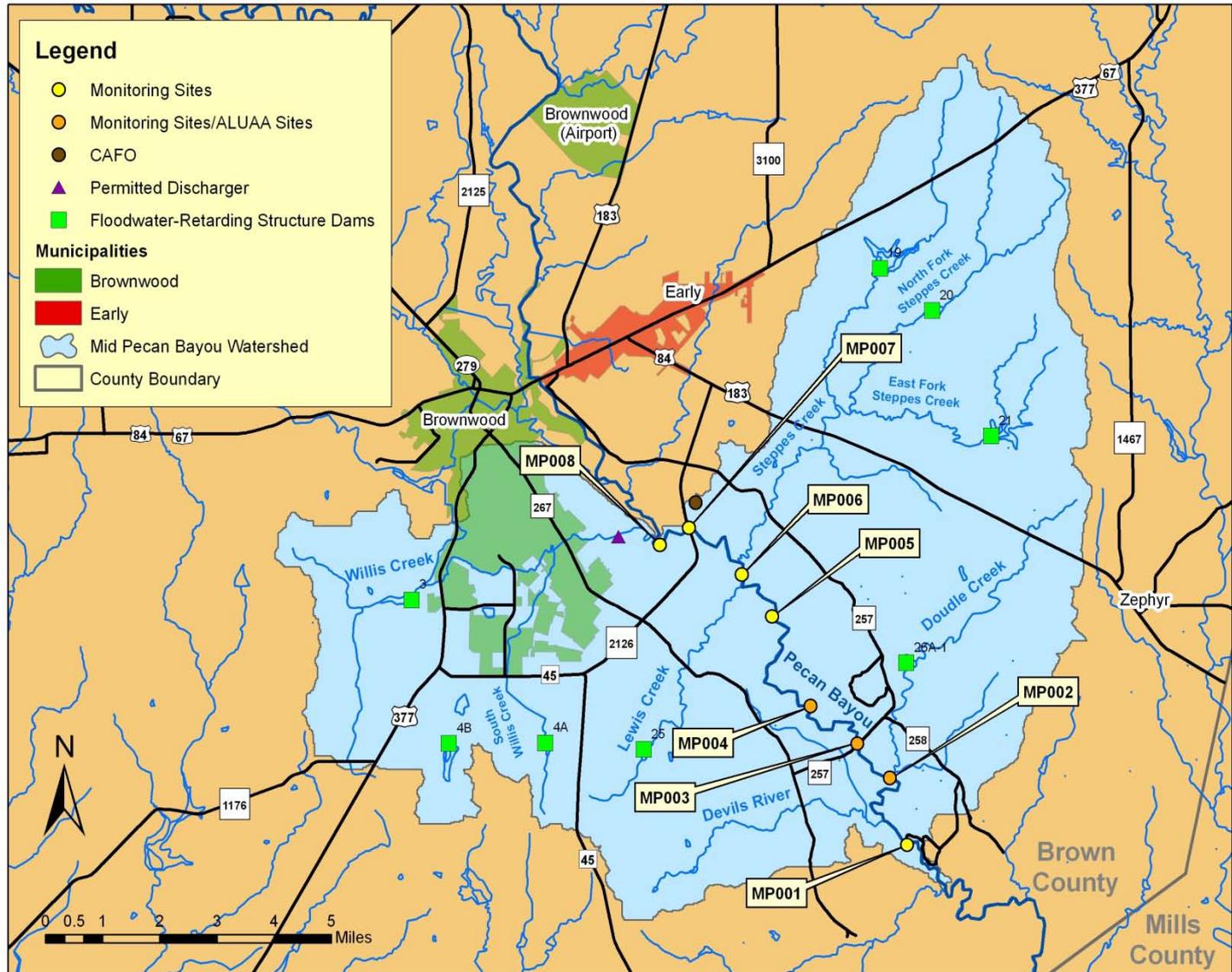
- Information on stream characteristics
- Streamflow measurement
- Current air and water temperature
- Riparian zone, ease of bank access, dominant substrate
- Document any recreation observed
- Stream and pool measurements



Any Questions on RUAA
Background?



Mid Pecan Bayou – Seg. 1431

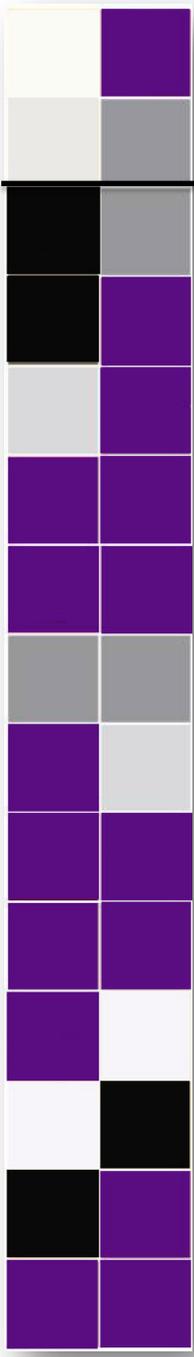


Summary of RUAA Sites on Mid Pecan

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, TX	31.695460	-98.92710	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, TX	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
---	MP004	Mid Pecan Bayou 3.1 km upstream of Brown CR 257	31.652208	-98.891161	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	31.642320	-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, TX	31.617719	-98.862308	3.90	19.79	2.40	Private	Yes



Survey Dates for Mid Pecan Bayou

- 2011 – First Survey Event
 - Data Collected June 10th & 11th
 - (Friday and Saturday)
- 2011 – Second survey event
 - Data Collected September 2nd – 4th
 - (Friday, Saturday; Labor Day Weekend)



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

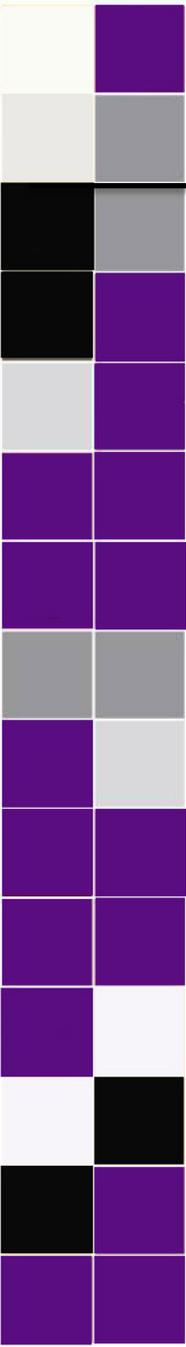


Blockage in Stream



Accessibility Issues





Interview Information

A total of 13 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 during the 2 field surveys)

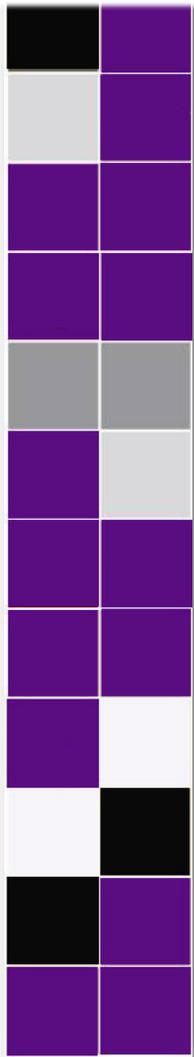


Activities Reported along Mid Pecan Bayou

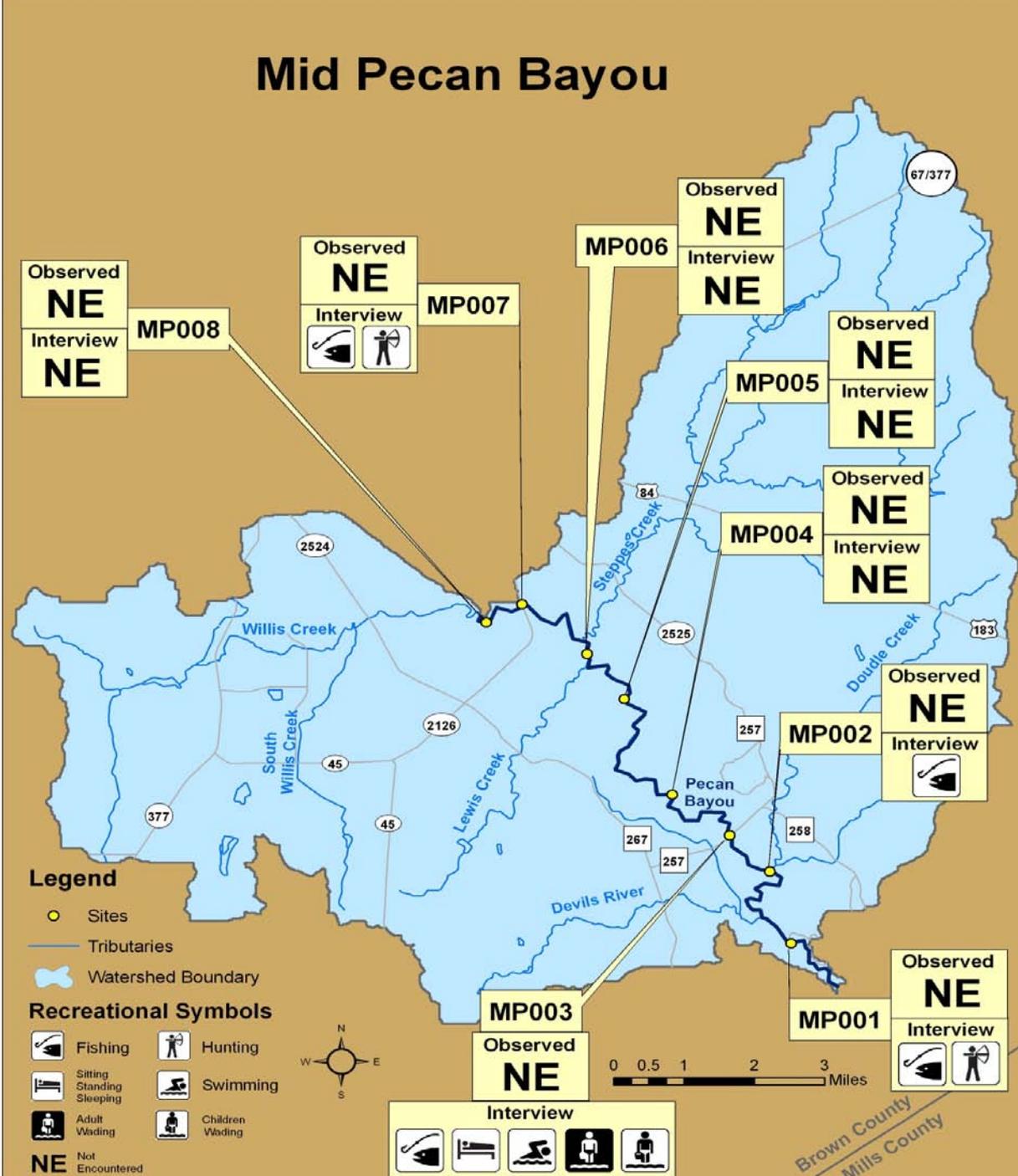
Watershed	Site Name	Swimming	Wading		Standing Sitting Sleeping	Hunting	Fishing
			Adults	Children			
Mid Pecan Bayou	MP001					1	1
	MP002						1
	MP003	2	4	4	2		10
	MP004						
	MP005						
	MP006						
	MP007					1	1
	MP008						
	Other Locations	1	2	2	1	2	3
	SUM	3	6	6	3	4	16

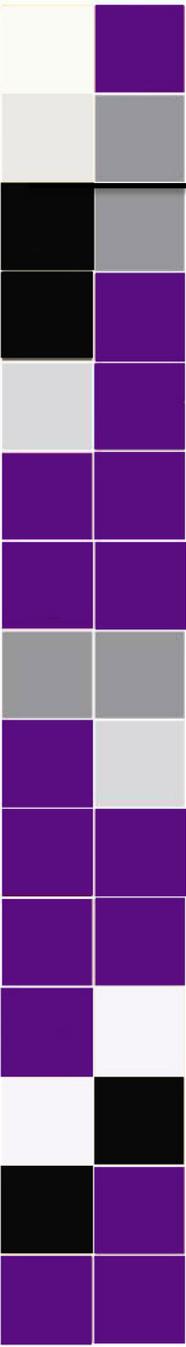
Observed & Interviewed Human Activities:

- Fishing
- Boating
- Swimming & Wading



Mid Pecan Bayou





Summary Conclusions

1. Stream contains sufficient water and significant pools to support Primary Contact Recreation
2. No recreational activities were observed by TIAER during 2 field surveys
3. Interviewees reported Mid Pecan Bayou seldom used for Primary Contact Recreation but frequently for Secondary Contact Recreation
4. Public access very limited along entire 13 mile segment except at 2 public road crossings



Contact Information

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Questions?

Public Comment Period Ends:
January 13, 2012

Thank You

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