

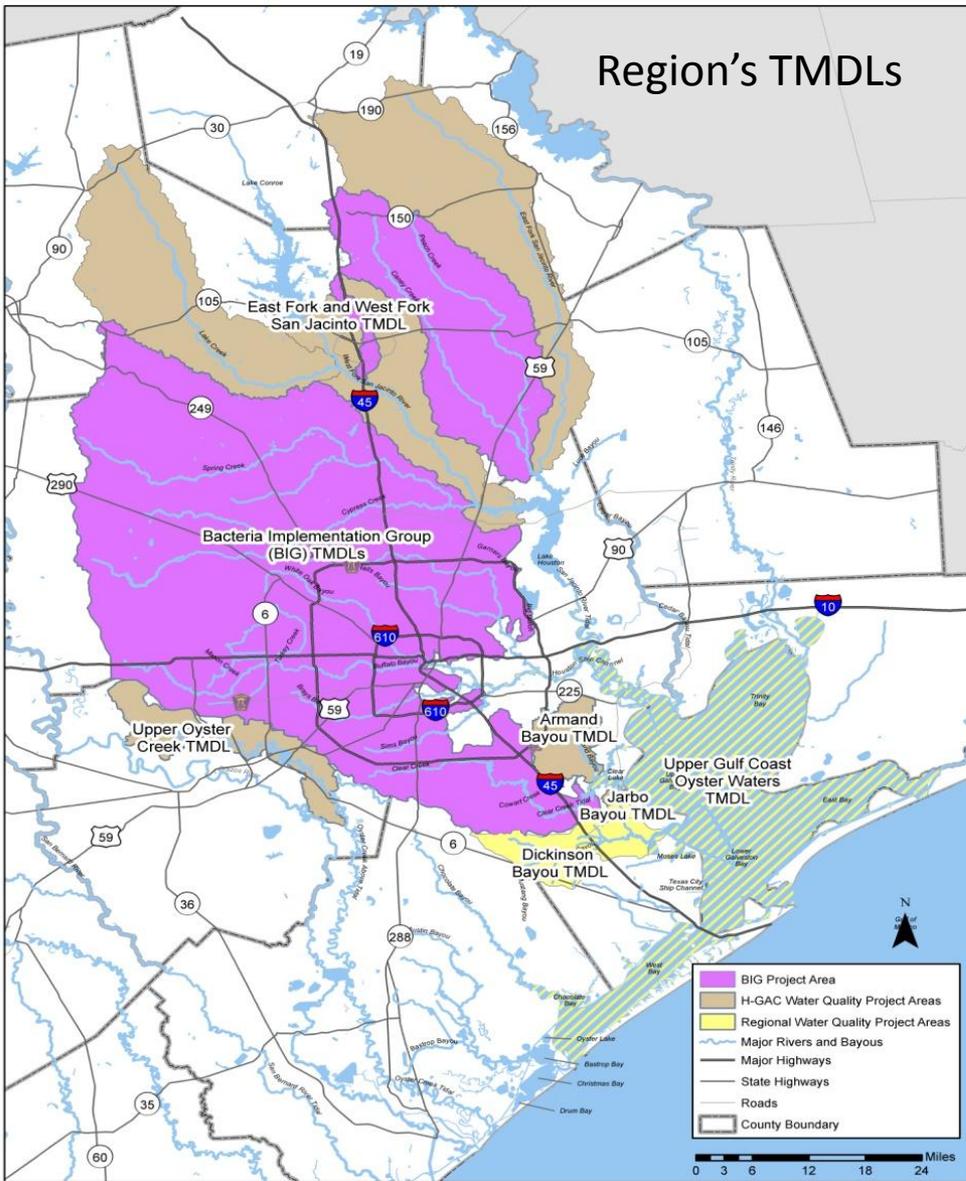


CLEAN RIVERS PROGRAM STEERING COMMITTEE MEETING



Steven Johnston, Houston-Galveston Area Council
4/1/15





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1. Update on the Bacteria Implementation Group.
2. Status of the Armand Bayou TMDL/I-Plan stakeholder process.
3. Status of the East and West Fork of the San Jacinto River TMDL/I-Plan stakeholder process.
4. Status of the Jarbo Bayou TMDL/I-Plan stakeholder process
5. TMDL planning for FY 2016
6. Upcoming Clean Waters Initiative Workshops.

Bacteria Implementation Group

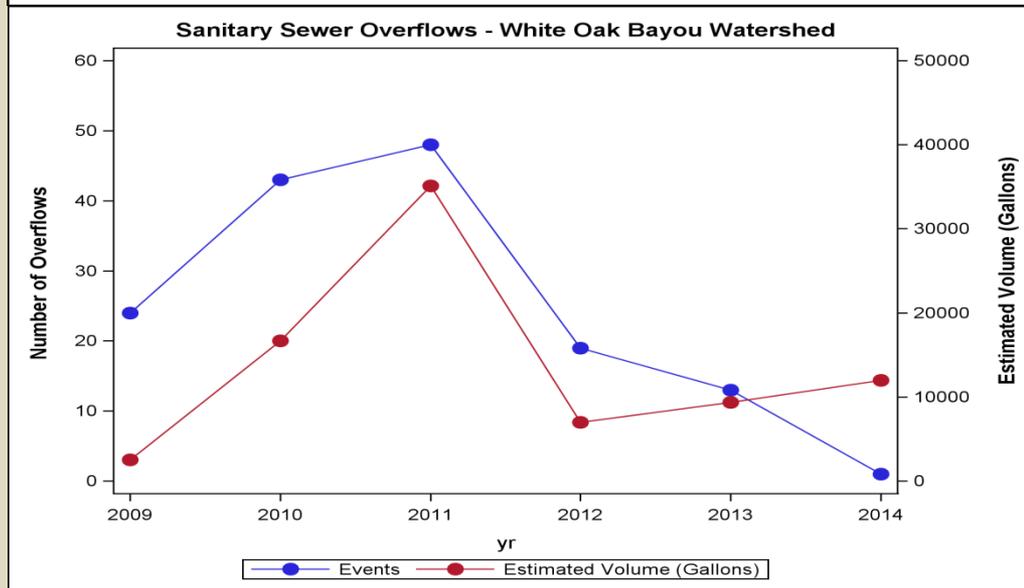
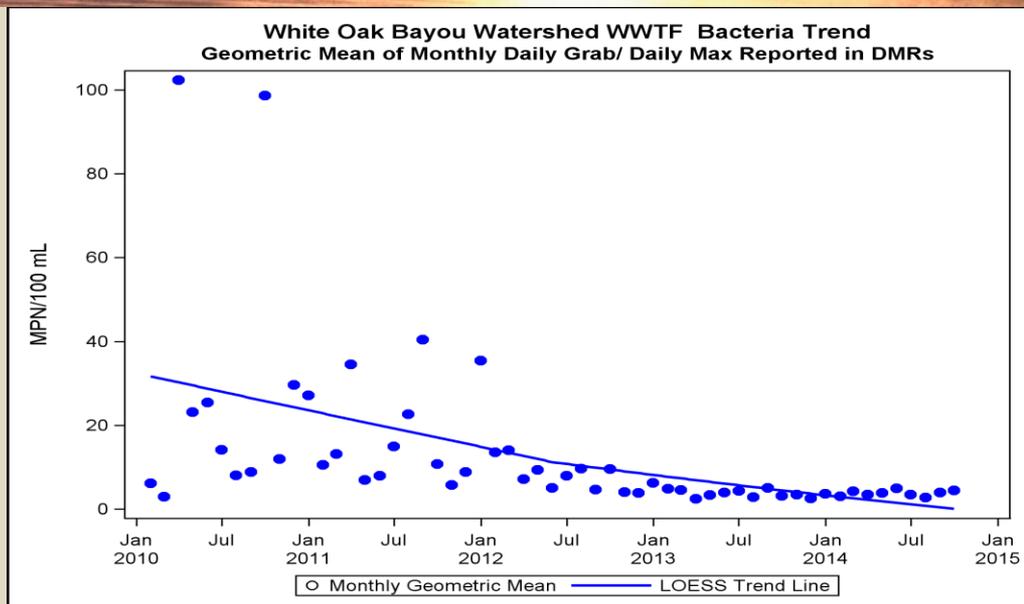
- Annually meets October and May
– Next meeting May 26, 2015.
- Workgroups currently meeting.
- H-GAC gathering data for the 2015 Annual Report.
- Updating WWTF and SSO data.
- Updating information on MS4 Phase II.
- Developing a Demo GIS Implementation Database to track implementation and serve as a data clearinghouse.
- Document Improvements.



Identified Bacteria Reductions

Possible Causes

- Joint Task Force developed and implemented the Bacteria Reduction Plan in 2008.
- Over 80% WWTF in the BIG Project Area use 63 MPN/100mL.
- City of Houston initiated a program to identify and fix illicit discharges.
- White Oak Bayou –
 - HCFCD completed 5 regional stormwater detention basins.
 - Channel rehabilitation projects to remove excess sediment, regrade and vegetate eroding slopes, and repair outfall pipe structures.
 - BPA and City investigated illicit discharges.
 - WWTF reported bacteria and SSOs reductions.



Armand Bayou TMDL



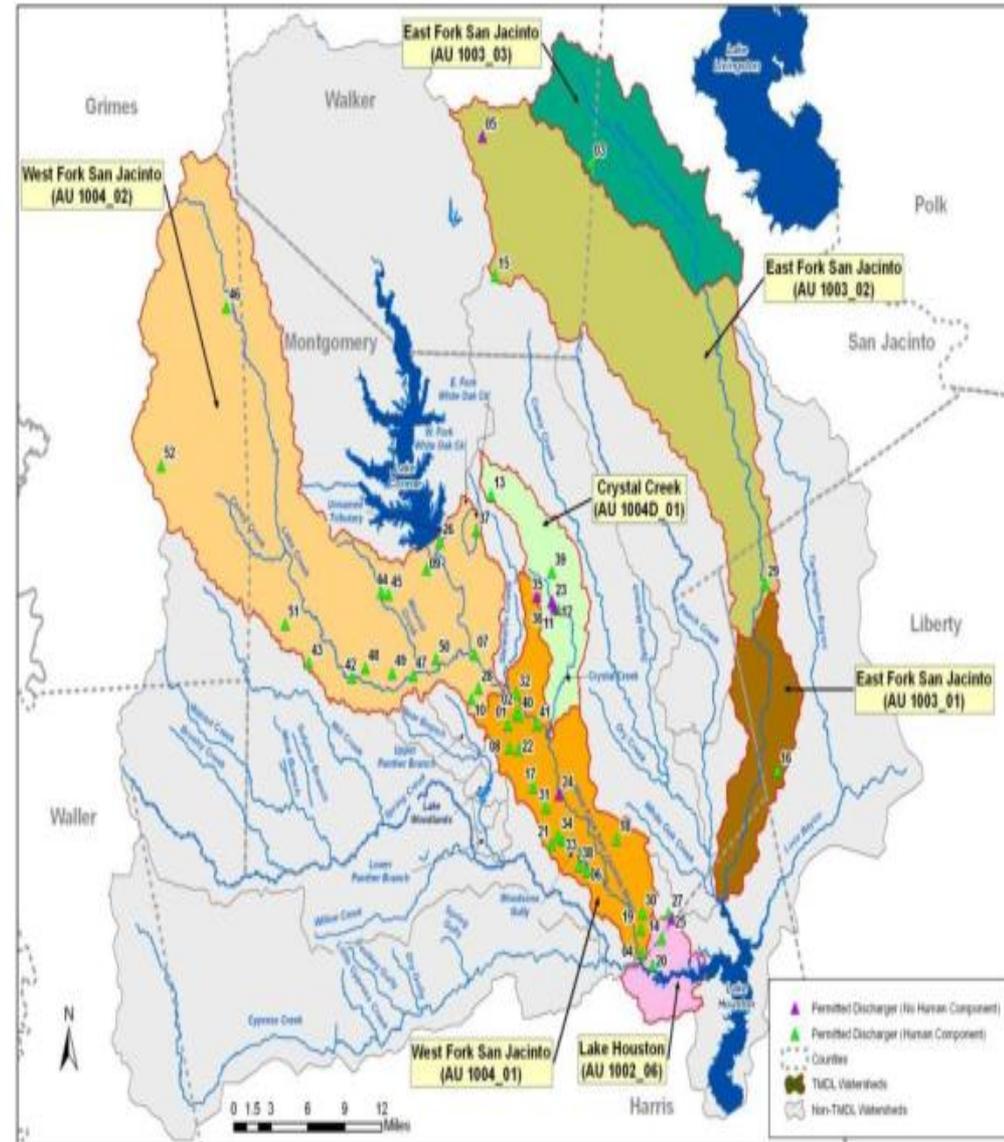
Caption - Highlights from Armand Bayou's Eco Camp.



- Coordination Committee in the Fall 2013 voted to join BIG.
- May 2014 BIG voted to accept Armand Bayou.
- Armand Bayou TMDL/I-Plan reviewed by TCEQ management.
- Public Comment Feb./March 2015.
- TMDL/I-Plan goes before TCEQ Commissioners July 2015.

East and West Fork San Jacinto TMDL

- Coordination Committee (CC) formed Spring 2014.
- Workgroups met Summer 2014. Developed recommendations.
- CC met October 2014 – 18 members voted to join BIG.
- CC met November 2014
 - Reaffirmed work group recommendations.



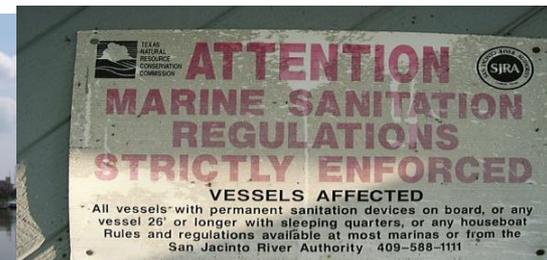
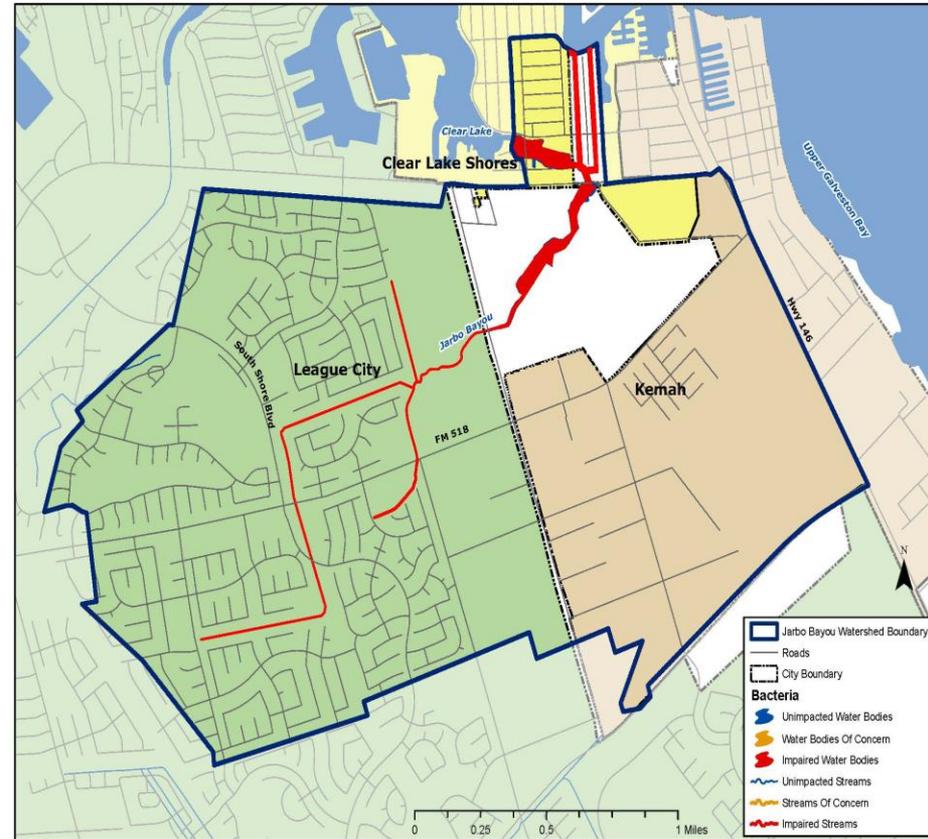
East and West Fork San Jacinto TMDL



- Recommendations
 - Continue Coordination Committee
 - Request additional seats:
 - County – Liberty, San Jacinto, Walker, Grimes
 - Land Owner/Ag producer
 - Small Rural City
 - Forest
 - Address need for monitoring data from large undeveloped regions
 - Encourage a broad regional education campaign concerning bacteria sources and BIG
 - Encourage implementation practices that consider current impairment and those that prevent future impairments
 - Encourage increased enforcement of local environmental laws

Jarbo Bayou TMDL

- Coordination Committee (CC) formed Spring 2014.
- Workgroups met Summer 2014. Developed recommendations.
- CC met October 2014 – Discussed joining BIG.
- Conducted vote through Phone Calls with CC members
- 8 of 9 members voted to join the BIG
- CC met December 2014 to discuss the vote and to discuss recommendations



Jarbo Bayou TMDL



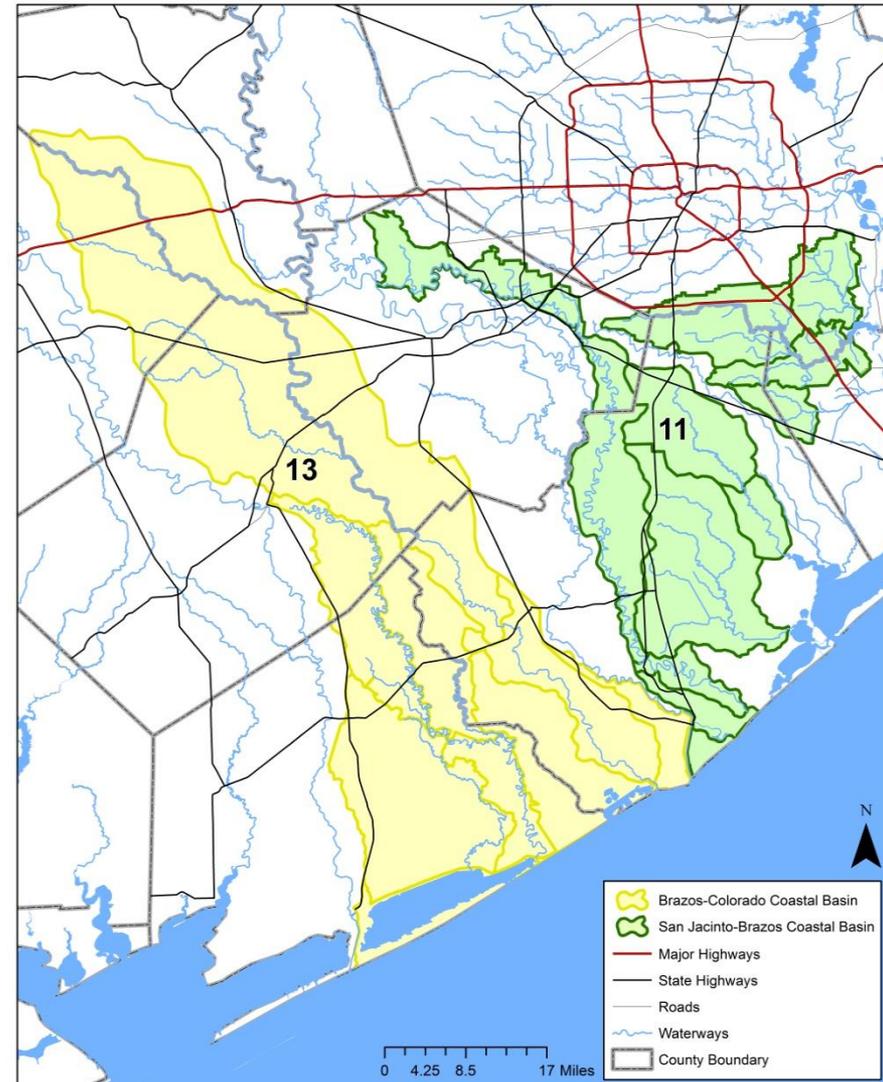
Recommendations:

- Address lack of local representation:
 - Boaters and Marinas (Suggest Current GBF member)
 - Small Watershed (Suggest a small coastal city or Galveston County Health District)
- Address geographic differences
Urban Core, Suburban, and Coastal Workgroups
- Address Boaters and Marinas in Plan
- Encourage Broad Regional Education Campaign
- Maintain Coordination Committee

TMDL Planning FY 2016

- Continue Houston Region. TMDL/Implementation
- Characterize Basin 11.
- Characterize Basin 13.

H-GAC Coastal Basins



Upcoming Clean Waters Initiative Workshops

- April 22, 2015 – Utility Asset Management Workshop.
- May 5, 2015 – Low Impact Development Design Workshop.
- June 24, 2015 – Agriculture Programs and Invasive Species Workshop.





Questions?



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