

Armand Bayou I-Plan Process & Progress



Aubin Phillips, Houston Galveston Area Council



Why are we doing a TMDL and I-Plan?

Because water quality is impaired due to too much bacteria and water quality is not meeting standards for contact recreation

Topics to be covered in this presentation:

1. Who is involved?
2. What is being done about it?
3. Where are we in the process?

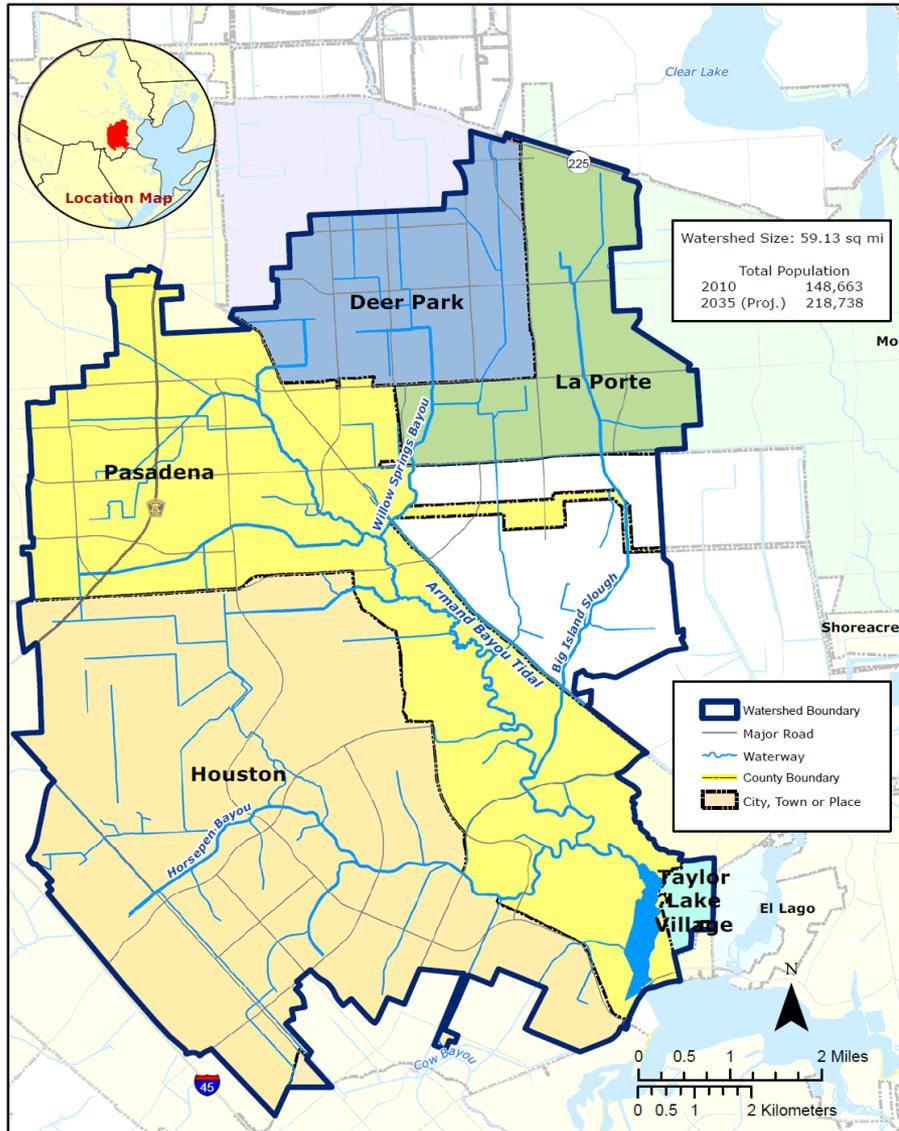


Who is Involved?

- Texas Commission on Environmental Quality (TCEQ)
 - Approves the I-Plan
 - Funds the Process
- University of Houston
 - Will complete the TMDL
- H-GAC
 - Completing the I-Plan
 - Oversees the Coordination Committee and Work Groups
- Public

Jurisdictions Involved

ARMAND BAYOU WATERSHED



Harris County

City of Pasadena

City of La Porte

City of Houston

City of Deer Park

Taylor Lake Village

Ellington Air Field

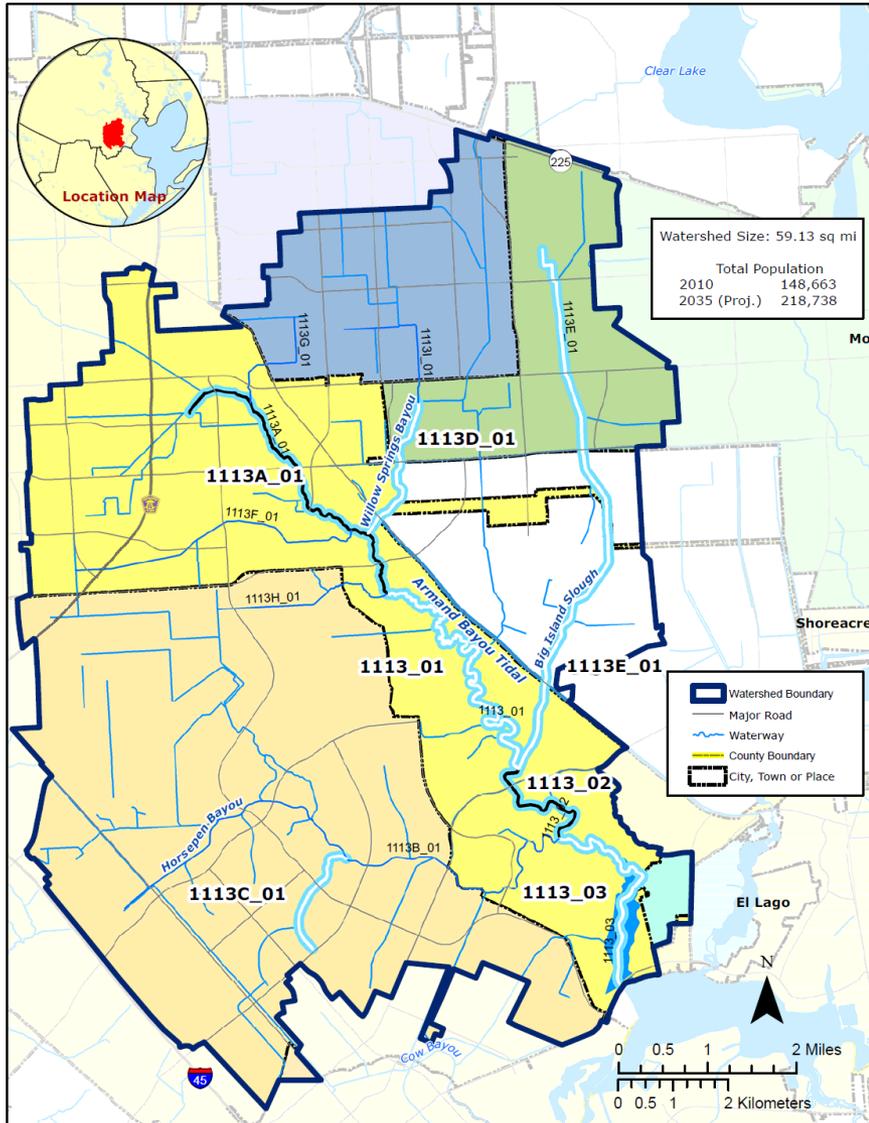
Johnson Space Center

Armand Bayou Nature Center

University of Houston Clear Lake

Assessment Units

ARMAND BAYOU WATERSHED - ASSESSMENT UNITS



Tidal:

- Armand Bayou (1113)
- Horsepen Bayou Tidal (1113B)

Fresh:

- Armand Bayou (1113A)
- Unnamed Tributary to Horsepen Bayou (1113C)
- Willow Springs Bayou (1113D)
- Big Island Slough (1113E)



Coordination Committee

- Formed the Committee, Set Ground Rules, Formed 4 Work Groups
- Four meetings have been held this year:
 - January 24
 - February 21
 - March 6
 - April 3



Work Groups

1. Wildlife/Habitat/Agriculture/Feral Hogs –
May 2 (1-2:30 pm)
2. Education/Outreach/Recreation/Domestic
Pets/Litter, Residential –
May 9 (3-4:30 pm)
3. Wastewater Infrastructure/OSSF –
May 2 (3-4:30 pm)
4. Storm water/Industry/Land Development/MS4s –
May 9 (1-2:30 pm)



Option to Join the BIG I-Plan

- The Coordination Committee has discussed the possibility of joining the BIG I-Plan as opposed to creating their own I-Plan
 - This would require having a completed TMDL and could be discussed at the next BIG annual meeting in May 2014
- The Coordination Committee has also discussed using the BIG I-Plan as a “menu”



Elements of an Implementation Plan (I-Plan)

Implementation Plan

For Total Maximum Daily Loads for Bacteria
in the Houston-Galveston Region



Bacteria Implementation Group
August 2011

- Management Measures
- Implementation Schedule
- Follow-up Monitoring Plan
- Voluntary Implementation on Non-Point Source Pollution
- Measurable Outcomes



Project Timeline and Milestones

✓ January to April 2013

- ✓ Coordination Committee Forms

- ✓ Appoint Work Groups

☐ April to June 2013

- ☐ Work Groups Begin Meeting

- ☐ Work Groups Develop Recommendations

☐ June to August 2013

- ☐ Report drafting, editing, building support



 **Thank You!**

