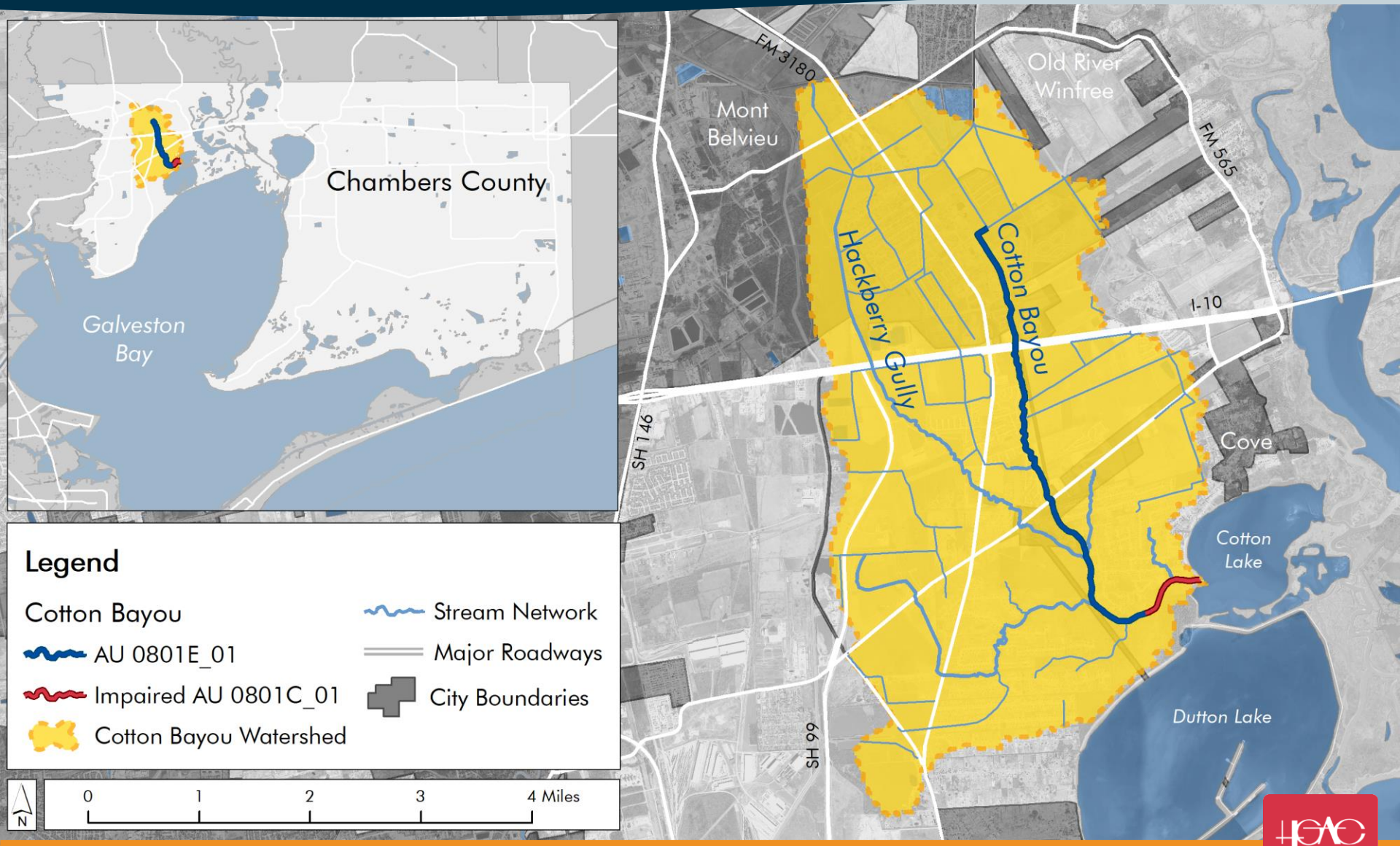
Welcome to the Cotton Bayou Watershed Breakout Session

We will get started after a five-minute intermission

Clean Waters Initiative Workshop
August 26, 2021

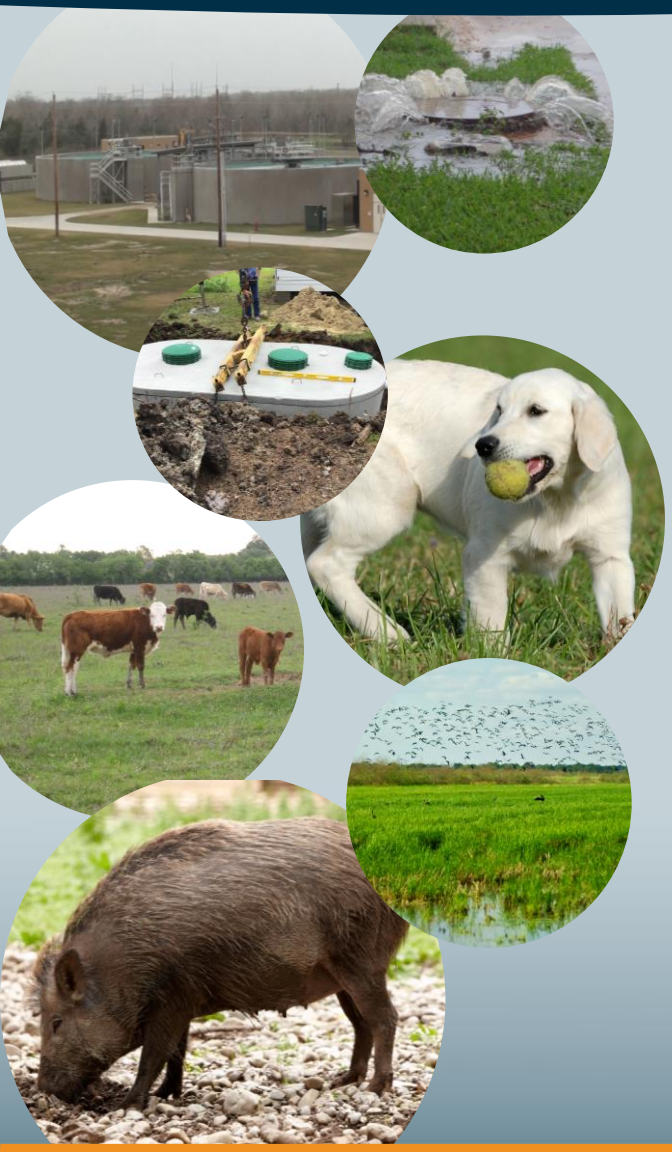
Watershed Area



Project Background

- Contact recreation use **impaired** due to high levels of fecal indicator bacteria (Enterococci) in surface water
- Other water quality **concerns** include low dissolved oxygen and high concentrations of nutrients
- This project is focused on characterizing sources of fecal indicator bacteria to determine a **Total Maximum Daily Load** (TMDL) for the impaired water body

Bacteria Sources



- **Human Waste**
  - Wastewater
  - Septic/Aerobic Systems
  - Illicit Sewage
- **Domestic Animal Waste**
  - Pets
  - Livestock
- **Wildlife and Invasive Waste**
  - Deer and Other Wildlife
  - Feral Hogs

Project Timeline

Progress Update

- Technical Support Document still in development
  - Revising population estimations
  - Revising flow calculations
- Revisions will improve TMDL calculation

Next Steps

- Develop an **Implementation Plan** (I-Plan) to address issues identified in the TMDL
  - Describes strategies for achieving reductions
  - Outlines schedule for implementation activities
- **Stakeholder participation** essential for tasks including:
  - Source surveys
  - Formation of Work Groups
  - Formation of Coordination Committee
  - Feedback and review

Other Ways to Get Involved

- Share your knowledge and feedback
- Help us coordinate with local efforts
- What are your ideas for this watershed?

This project is funded by the Texas Commission on Environmental Quality and facilitated locally by the Houston-Galveston Area Council.

Discussion and Questions

For more information, please contact:

Rachel Windham

713-993-2497

rachel.windham@h-gac.com

Visit our project website at:

www.h-gac.com/watershed-based-plans/cotton-bayou-tmdl