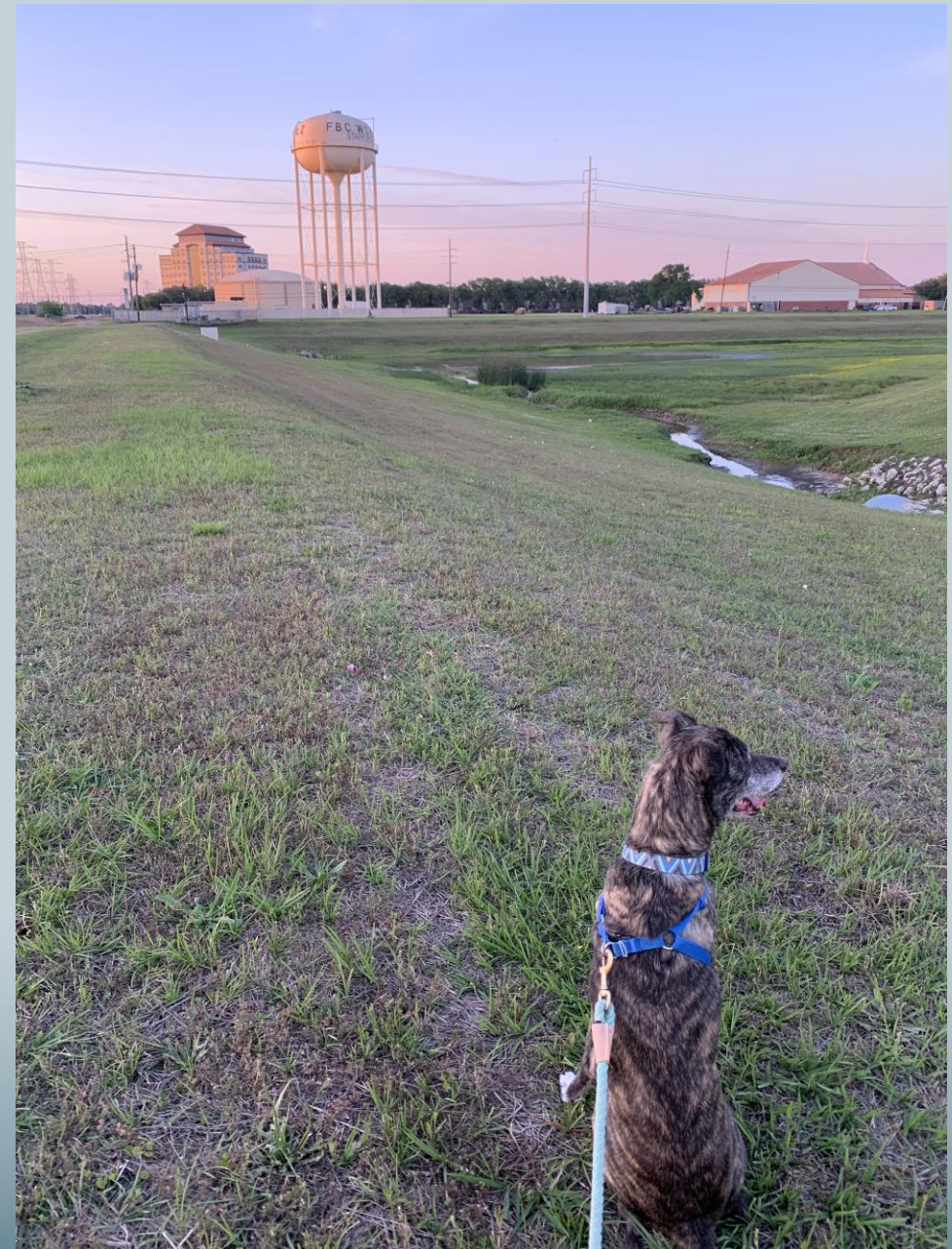




BACTERIA IMPLEMENTATION GROUP

**Spring Meeting
June 2, 2020**



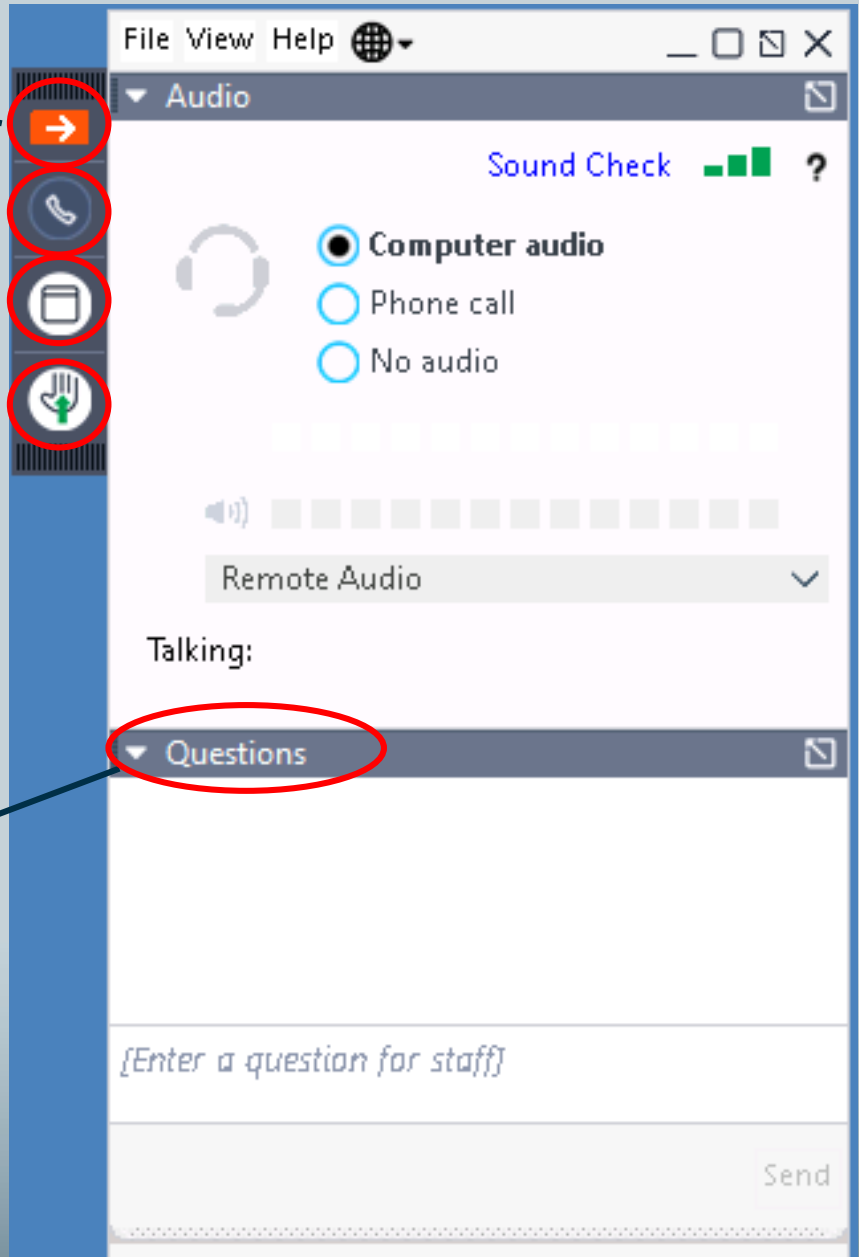
Open Control Panel

Mute / Unmute

View in Full Screen

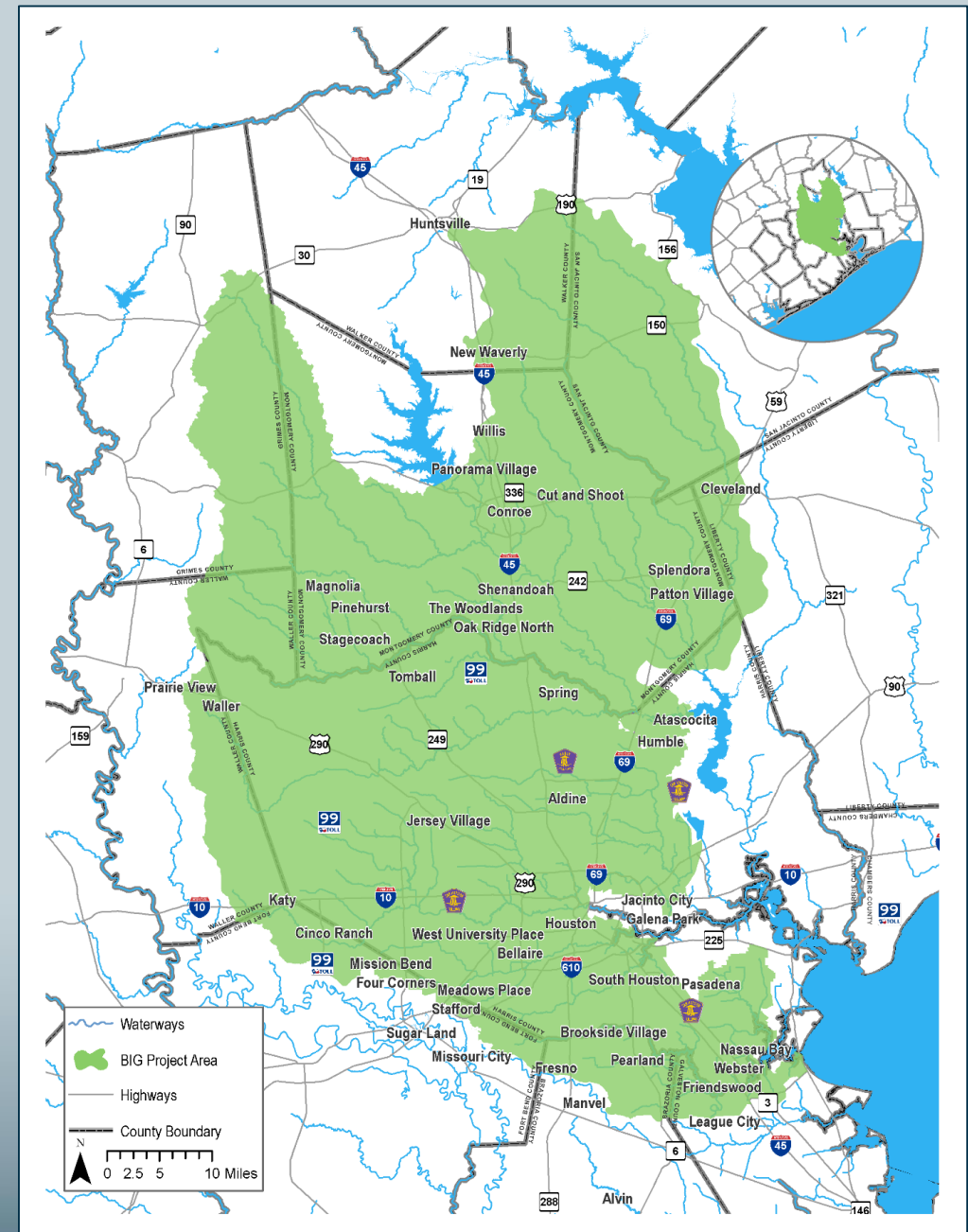
Raise Your Hand

Ask a Question



AGENDA

- Call to Order/Introductions
- **Quorum Certification**
- **Review and Approve BIG Roster**
- Review and Approve Minutes
- Public Comment
- Item One: I-Plan Revision Update
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ROSTER UPDATES

- **BIG Membership**
 - **Charlotte Cisneros**
(Conservation) Galveston Bay Foundation
 - **Michael Lee** (Resource Agency/Academia) U.S. Geological Survey



ROSTER UPDATES

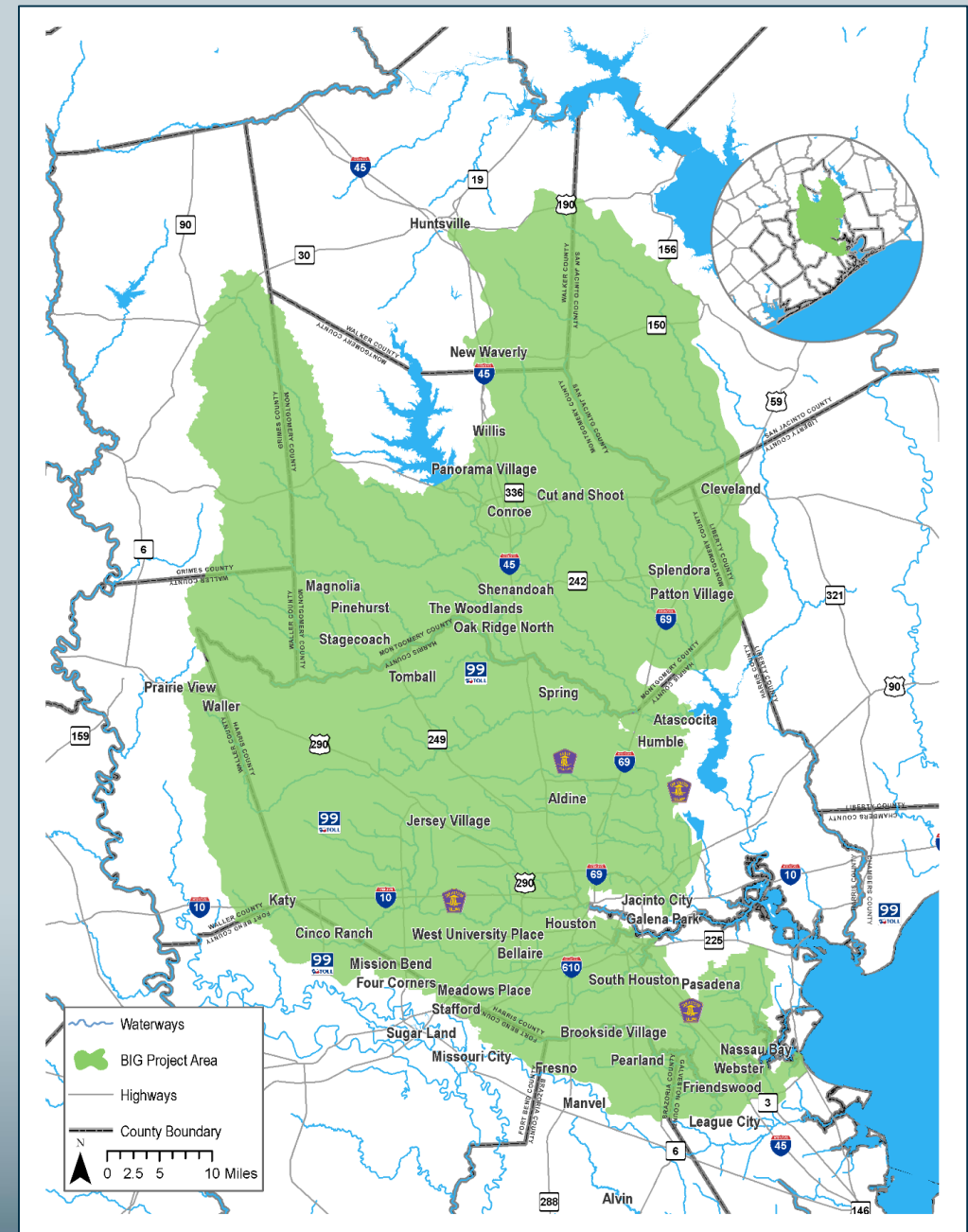
■ Alternates

- **Tina Petersen** (Conservation) for Sarah Bernhardt (Bayou Preservation Assoc.)
- **Paul Nelson** (Conservation) for Sarah Bernhardt (Bayou Preservation Assoc.)
- **Ted Driscoll** (Conservation) for Charlotte Cisneros (Galveston Bay Foundation)
- **Kristen Schlemmer** (Conservation) for Rachel Powers
- **Nuguent Cotton** (Urban County) for Jerry Caraviotis
- **Elaine Savage** (Urban County) for Jerry Caraviotis
- **John Ellis** (Resource Agency/Academia) for Michael Lee
- **Carl Masterson** (Conservation) for Linda Shead



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I-Plan Revision Update

- Stakeholder Survey Results
- Update to Map/Data Revisions
- Timeline



Stakeholder Survey

- Held 22 Listening Sessions
- Received 10 Surveys
- General Thoughts



I-Plan - Survey Questions

Questions	Summary
Has implementing the BIG I-Plan been an important factor in reducing fecal bacteria since 2013? (y/n)	Yes
Why or why not to question 2?	Tighter WWTF permit limits, Regional Assessment, Increase Awareness
What I-Plan actions or activities do you think work effectively?	<ul style="list-style-type: none"> • Outreach/ residential education for FOG reduction to prevent SSOs; • Increased efforts to reduce illicit discharges; • continue WQ monitoring; • OSSFs monitoring and replacement - use of data to drive focus.
What I-Plan actions or activities do you think are important to keep in the I-Plan revision?	Education/Outreach about Stream point testing results - dependent on committee recommendations.
What I-Plan actions or activities have been under utilized or could be expanded upon?	Research and outreach to local decision makers
What I-Plan actions or activities do you think need to be modified or removed from the plan?	Circuit Rider 6.3 and Construction
Not excluding other actions or activities from implementation, do you feel, in no specific order, that sanitary sewer overflows, failing OSSFs and reducing NPS are the most important fecal bacteria sources?	Generally yes, but more data to support order
How would you rank the fecal sources to prioritize implementation? (WWTFs, SSS, OSSFs, Stormwater, Ag. Sources, Residential)	Mixed, need more data to support a specific order

Role of the BIG

Questions	Summary
What perceived role do you think the BIG has in implementing the BIG I-Plan?	Lead role, must be proactive in finding/implementing solutions, follow through and accountability
How would you rate the BIG in performing the role you identified in 10?	8
What are the BIG's strengths?	Diverse Stakeholders
What would appear to be the BIG's weaknesses?	Difficult to build consensus, need consistent attendance, effective progress reporting
How would you improve the function of the BIG to accomplish the role you identified in 10?	More public outreach and attendance at stakeholder meetings, more proactive in funding foundational projects/studies
What is your expectation for the BIG Fall or Spring meetings?	Regular attendance, discussion of actions by BIG members, Committee Reports/Spring - updates, progress check, introduce new BMP, studies, etc. Fall - annual report, measure progress and look at data.
Are your expectations being met? Why or Why not?	Somewhat
What do you think could improve the BIG meetings?	Complete Doc. reviews in committee, updates from committees, include gallery in discussions, invite subject matter experts
BIG workgroup meetings are intended to discuss the focus area topic, support the project area implementation and provide a forum for discussing and reporting on implementation activities. Do you agree with this? (y or no)	Yes
Why or why not to question 18?	More time on project area implementation
What would improve the workgroup meetings?	Build capacity-set objectives and goals and increase attendance. More accountability and follow through
Work group meetings are not well attended, what would in your opinion increase attendance?	Invite technical speakers, outreach to attract new members, web meetings
One thought to increase attendance would be to connect the meeting with a topical workshop. Do you agree or disagree?	Generally yes

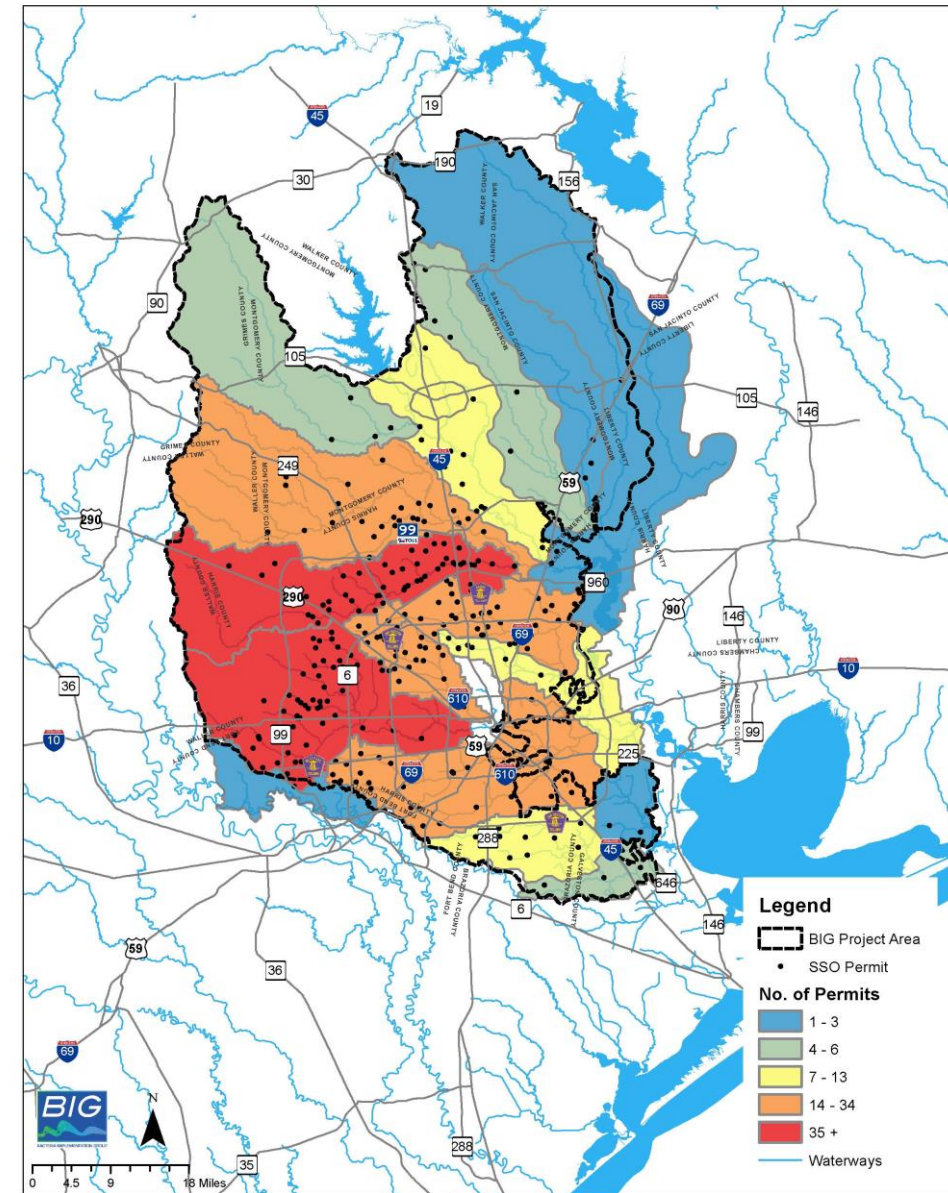
Roles of H-GAC/BIG Members

Questions	Summary
What is H-GAC's role in implementing the I-Plan?	Coordinate and support the implementation efforts regionally, host meetings, keep things moving - seek accountability of members to stay on task.
Is H-GAC effective in that role? (y or n)	Generally yes - could be more effective
What would you suggest H-GAC do to be more effective?	Assign to do items with due dates, keep folks accountable, attend outside meetings, host more workshops
Do you see a need for H-GAC to augment or enhance its role?	Attend outside meetings, tighten accountability
What is your role with the BIG?	Cities, MS4-Large, Agriculture, Business
What role does your organization carry out with regards to the BIG or the BIG I-Plan?	Stormwater and Wastewater
Do you see a need to modify your role or that of your organization that if carried out might enhance implementation?	Generally comfortable with current role
Implementation is typically carried out by individual BIG member organizations. Would you recommend any change to this approach? (y or n)	Mixed - need to explore what cooperative effort would look like
If the approach to implementation should change, what would be your recommendation?	Collaborative partners, BIG as a brand, work groups expanding tasks, interns for research
What is the role of funding in implementation?	Dependent on organization
The BIG does not award funding and traditionally works through individual organizations to implement and encourage others to implement. Is there any reason to change this?	Suggest seeking research funding
An example for question 30 would be for the BIG to develop and rank implementation projects. The BIG as a group would then seek to find funding for each project, from members and local, state and federal sources. Do you agree?	Suggest research funding
What based on your experience with the BIG and implementation of the BIG I-Plan is missing from this survey that you would like to share?	Listing of research, data gathering, funding opportunities that entities might pursue

I-Plan Map/Data Revisions

- Revising All Maps
- Revising All Data Tables
- Focus – 2019 endpoint
- Comparisons 2013 to 2019
- AU and Segment Level – Geographic Focus
- Include Socio/Economic Data where appropriate
- Share with Coordination and Policy – July Meeting

Sanitary Sewer Overflow (SSO) Density Map (2012-2016)



I-Plan Revision Timeline



July

- Technical Work Groups
- Coordination and Policy

August

- Coordination and Policy Meeting
- Technical Work Groups (if needed)

September

- Coordination and Policy
- Technical Work Groups (if needed)

October

- Coordination and Policy
- BIG Fall Meeting – Oct. 27, 2020

2020 Annual Report

- Gathering and Analyzing Data – SSO, DMR, Ambient Data, Local Partner Info.
- Incorporate Listening Session/Survey Responses
- Preparing Maps for I-Plan and Annual Report
- Gathering Success Stories – COH
INFOR
 - **Mr. Bill Hoffman** (H-GAC) – SSO Data
 - **Ms. Lisa Montemayor** (COH) – INFOR Program



2020 Annual Report Timeline



July

- Technical Work Groups
- Coordination and Policy

August

- Coordination and Policy Meeting
- Technical Work Groups (if needed)

September

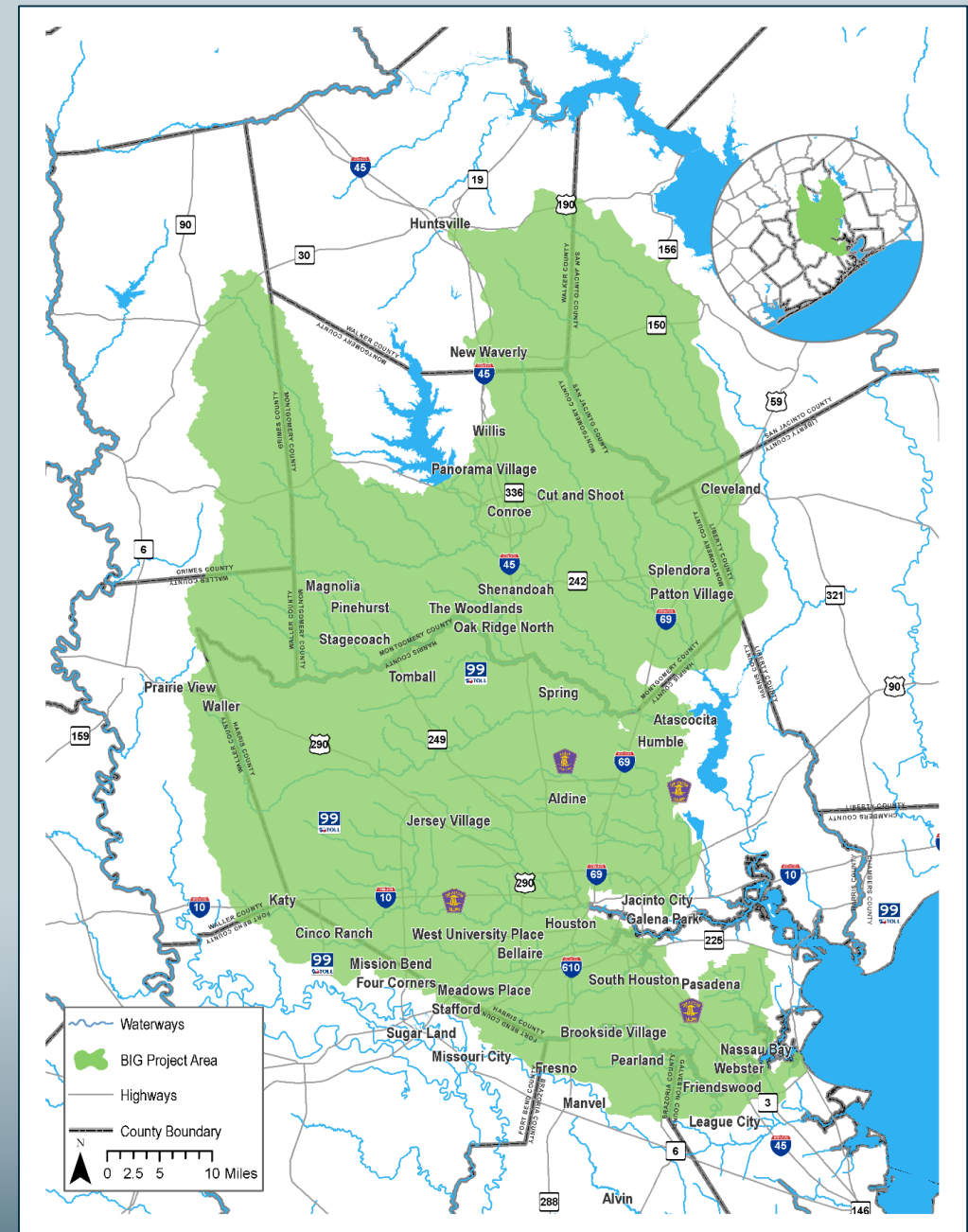
- Coordination and Policy

October

- Coordination and Policy
- BIG Fall Meeting – Oct. 27, 2020

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“Status of Additions to Indicator Bacteria TMDLs in the Brays Bayou, Lake Houston, and Buffalo and Whiteoak Bayou Watersheds”

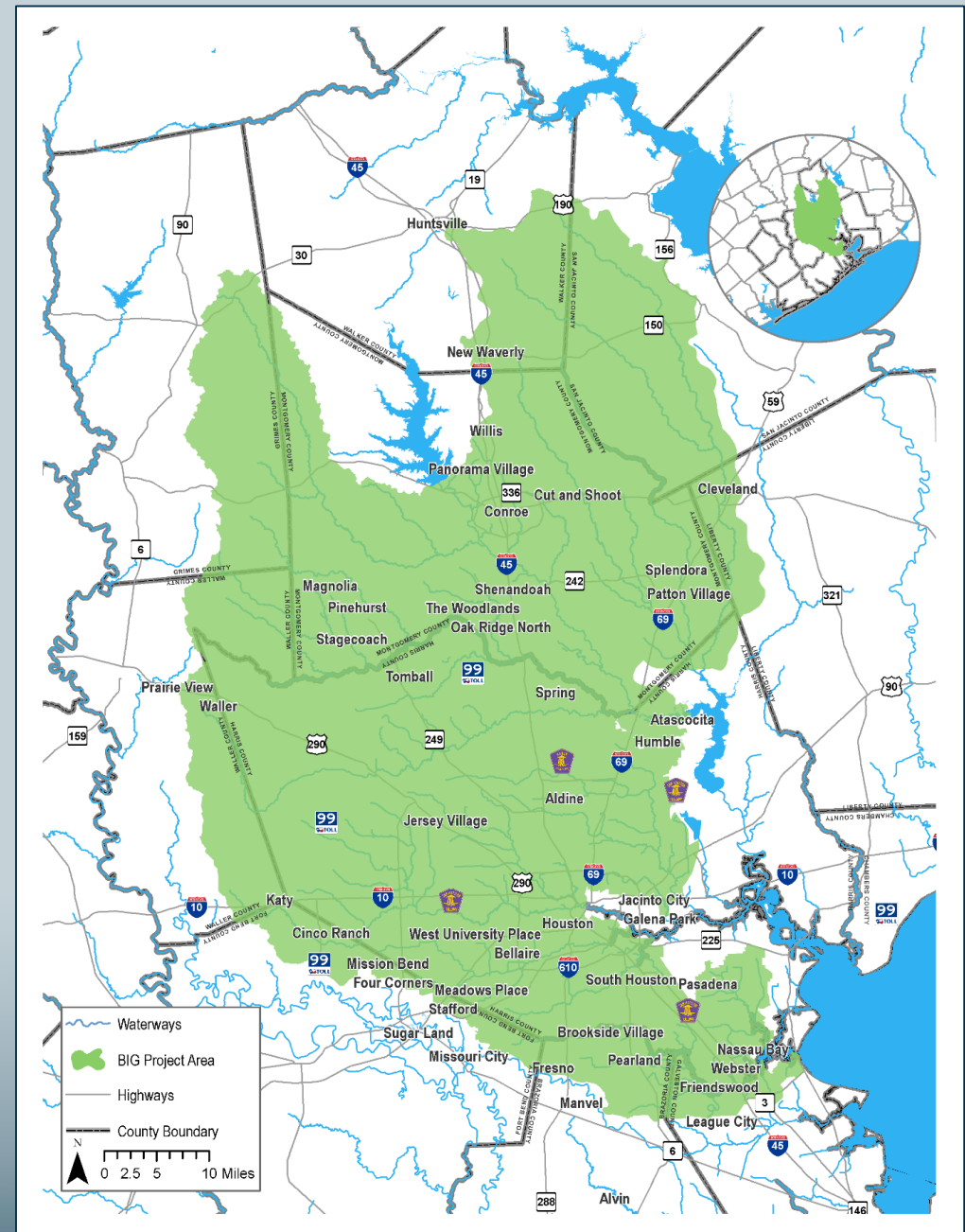
Mr. Jimmy Millican

Texas Institute for Applied Environmental Research

Tarleton State University

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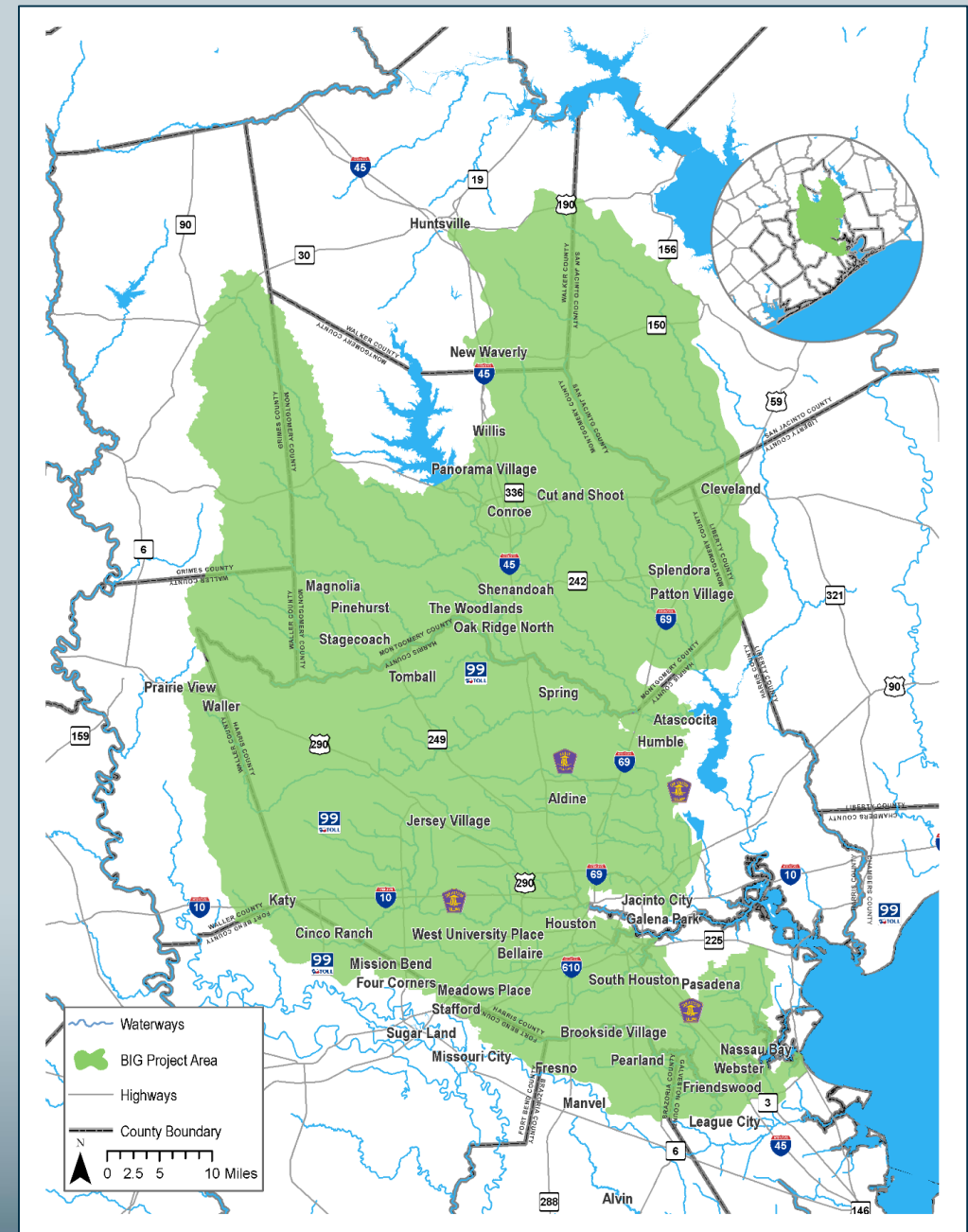


Program Updates

- 1. Mr. Justin Bower** – *Watershed Protection Planning in the West Fork of the San Jacinto River and Cypress Creek watersheds within the BIG project area.*
- 2. Ms. Rachel Windham** – *Watershed Protection Planning in the Spring Creek watershed within the BIG project area.*
- 3. Ms. Kathy Janhsen** – *Water Innovation Strategies of Excellence Awards Update*

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Upcoming Events

- June 17, 2020 –
 - Nickel TMDL Update – public meeting.
- June 23, 2020 –
 - Cypress Creek public meeting
- June 25, 2020 –
 - Caney Creek TMDL meeting
- June 30, 2020 -
 - Oyster Creek TMDL meeting
- July 13, 2020 –
 - Parks and Natural Areas Roundtable
- July 15, 2020 -
 - Regional Flood Management Council
- July 21, 2020 -
 - Harris County Onsite Wastewater Seminar
- July 22, 2020 -
 - Solid Waste Management Committee
- October 27, 2020 –
 - BIG Fall Meeting

ADJOURN

- **Steven Johnston**
- Steven.johnston@h-gac.com
- 281-681-2579

