



**SPRING MEETING
Agenda**

**Tuesday, May 25, 2021
1:00 pm to 3:00 pm**

(Instructions to attend this web-based meeting via ZOOM can be found at the bottom of this Agenda)

Call to Order/Welcome/Introductions

Welcome by H-GAC

Introductions of BIG members & staff

Review Agenda. Each agenda item shall provide time for discussion by the BIG followed by comments from the audience.

Certification of Quorum

Approval of the Proposed Members & Alternates

BIG members will review the Bacteria Implementation Group Roster and approve as appropriate.

Approval of the December 1, 2020 Meeting Summary

BIG members will review, comment, and approve as appropriate.

Public Comment

The public may sign up at the beginning of the meeting to make an informal comment of no more than three minutes.

Item One: I-Plan Revision Update

H-GAC staff will provide an update on revising the BIG Implementation Plan. The BIG will approve as appropriate.

Item Two: 2021 Annual Report

H-GAC staff will update the BIG on the 2021 Annual Report.

Item Three: TMDL Program Updates

Mr. Jimmy Millican, Tarleton State University will present on new Total Maximum Daily Load efforts within the BIG and in the region – *“Status of Addition to Indicator Bacteria TMDLs in the Lake Houston Watershed.”*

Item Four: Implementation Projects

- Ms. Laura Patino, City of Houston, will present on the city’s incentives for Green Stormwater Infrastructure program – *“Houston Green Infrastructure Program.”*
- Ms. Kendal Guidroz, H-GAC, will present on the Trash Free Texas project and provide an update on the Targeted Monitoring project with the Bayou Preservation Association – *“Targeted Monitoring and Trash Free Texas Updates.”*
- Ms. Jenny Oakley, Environmental Institute of Houston, will present on the Targeted Monitoring project in the Houston-Galveston Area – *“Targeted Bacteria Monitoring in the Houston-Galveston Area.”*

Item Five: Other Business/Roundtable

As time permits, H-GAC, BIG members, and stakeholders are encouraged to discuss implementation activities, related projects, and announcements.

Next Meeting Date

Tuesday, October 26, 2021

Adjourn

BIG Meeting Webinar instructions: *(You must Register for the meeting to participate.)*

Register in advance for this meeting:

<https://zoom.us/j/97545533315?pwd=RHEremI0T0RlamFLcE55bDI2dFkzQT09>

After registering, you will receive a confirmation email containing information about joining the meeting.

BIG ROSTER (May 25, 2021)

Last	First	Representing	Organization	Alternate1	Alternate 2
Bailes IV	Rep. Ernest	Agriculture (County)	San Jacinto County	Dale Everitt	
Bernhardt	Sarah	Conservation	Bayou Preservation Association	Tina Petersen	Paul Nelson
Calvino	Ralph	Business / Industry	Terracon	Clint Miller	Jason Maldonado
Caraviotis	Jerry	Urban County	Harris County Pollution Control Services	Nuguent Cotton	Elaine Savage
Chapin	Richard	Large City	City of Houston	Lam Tran	
Cioce	Danielle	Urban County	Harris County	Camila Biaggi	Nick Russo
Cisneros	Charlotte	Conservation	Galveston Bay Foundation	Scott Jones	Sasha Francis
Cooper	Christine	Small City	City of Conroe	Greg Hall	
Douglas	Tom	Conservation	Houston Sierra Club	Jim Williams	
Ehrlich	Denise	Business / Industry	Gulf Coast Authority	Shaun Austin	
Snoza**	Robert	Urban County	Harris County Flood Control District	Roberto Vega**	
Harris	Teague	Utility District	IDS Engineering		
Isbell	Andrew	Rural County	Walker County		
La Breche	Carol	Large City	City of Houston	Lisa Montemayor	
Lane	Helen	Conservation	Houston Audubon Society		
Lee	Michael	Resource Agency / Academia	US Geological Survey	Thomas Sample	John Ellis
Martin	Mac	Agriculture	Texas Forest Service		
McCoy	Cathy	Agriculture	Harris County SWCDistrict #442		
Nichols	Scott	Rural County	Montgomery County	Frank Green	Reuben Martinez
Olive	Becky	Business / Industry	AECOM	Karen Kottke	
Page	Mitchell	Utility District	Schwartz, Page, & Harding, LLP		
Pechacek	Linda	Public	Citizen, Civil Engineer	Rachel Powers	
Phillips**	Sonia	Small City	City of League City	Susie Blake	Jody Hooks
Powers	Rachel	Conservation	Citizens' Environmental Coalition	Kristen Schlemmer	Linda Shead
Rightmyer	Patrick	Large City	City of Houston	Desta Takie	
Robertson	Jim	Conservation	Cypress Creek Flood Control Coalition	Steve Hupp**	
Saenger	Scott	Business / Industry	Jones and Carter		
Shead	Linda	Conservation	Texas Coastal Partners	Carl Masterson	
Shmaefsky	Brian	Resource Agency / Academia	Lone Star College, Kingwood		
Simpson	Shane	Business / Industry	San Jacinto River Authority	Aaron Schindewolf	
Tarrant	Mayor Leah	Rural Small City	City of Patton Village		
Thornhill	Michael	Utility District	SI Environmental	Matt Carpenter	
Tuma	Scott	Business / Industry (Boating)	Boater		

** Following approval of the BIG



Fall MEETING Summary

**Tuesday, December 1, 2020
1:00 pm to 3:00 pm
Virtual ZOOM Meeting**

Members Present

Sarah Bernhardt, Ralph Calvino, Jerry Caraviotis, Richard Chapin, Danielle Cioce, Charlotte Cisneros, Christine Cooper, Tom Douglas, Denise Ehrlich, Catherine Elliott, Carol LaBreche, Mac Martin, Jack Murphy, Linda Pechacek, Rachel Powers, Patrick Rightmyer, Jim Robertson, Scott Saenger, Aaron Schindewolf, Linda Shead, Michael Thornhill

Becky Olive was represented by Karen Kottke
Michael Lee was represented by Tom Sample

Members Absent

Ernest Bailes IV, Teague Harris, Andrew Isbell, Helen Lane, Cathy McCoy, Mitchell Page, Brian Schmaefsky, Leah Tarrant, Scott Tuma

Guests Present

Stephen Benigno, Camila Biaggi, Hailey Cofty, Shannon Dietz, Kathlie Jeng-Bulloch, Kim Korth, Jason Leifester, Lisa Marshall, Mina McPhee, Jazmyn Milford, Lisa Montemayor, Paul Nelson, Avery Patton, Tina Petersen, Nicole Reed, Christian Rines, Sarah Robinson, Sharon Salinas, Elaine Savage, Shane Simpson, Robert Snoza, Maria Stone, Desta Takie, Anthony Tomlinson, Lam Tran, Sarah Utley, Chelsea Veloso

H-GAC Staff

Daniel Albanese, Jessica Casillas, Kendall Guidroz, Steven Johnston, Todd Running, Brian Sims, Andrea Tantillo, Rachel Windham

Call to Order/Welcome/Introductions

Mr. Steven Johnston of H-GAC welcomed all in attendance. Ms. Andrea Tantillo provided instructions for features of the virtual meeting platform, Zoom. Mr. Johnston then proceeded to review the agenda with members of the BIG. Mr. Johnston asked if there were any changes or additions by BIG members. Hearing no requests for changes and no call for discussion, the meeting proceeded.

Certification of Quorum

Mr. Johnston called role. Based on the number of BIG members and alternates in attendance, a quorum was certified.

Approval of the Proposed Members & Alternates

The BIG approved the following changes to the roster:

- New members proposed were as follows:
 - Shane Simpson, San Jacinto River Authority (Business/Industry)
- New alternates were proposed as follows:
 - Aaron Schindewolf, San Jacinto River Authority (Business/Industry)

All member and alternate nominees were approved unanimously by the members present.

Approval of the June 2, 2020 Meeting Summary

BIG members approved the June 2, 2020 meeting summary.

Public Comment

No public comments were made.

Item One: I-Plan Revision Update

Mr. Johnston, H-GAC, provided an update on revising the BIG Implementation Plan. The topic included a review of actions and activities taken so far to revise the I-plan.

Mr. Johnston reviewed updated maps and data tables that would be included in the revision. He noted that the data and analysis would focus on 2013 thru 2019 period. When and where possible, data comparisons will be made between the beginning implementation year, 2013, with that of 2019. The data and analysis will also look at AU and Segment level. The goal is to get the programmatic data analysis down to the AU level where the environmental analysis is generated. This will allow a more granular look at the data. The results of this data review will be shared with upcoming work group meetings and the next Coordination and Policy meeting.

Mr. Johnston reviewed the upcoming timeline which focuses on work groups in the Spring. The Coordination and Policy work group will meet in January to begin review of the first draft. A second draft review will be conducted in February with a final review in March. If the draft revision is in good order, the document will be presented at the Spring BIG meeting for review and approval.

Item Two: 2020 Annual Report

Mr. Johnston provided a review of the draft 2020 Annual Report. He noted the draft had been shared with the Coordination and Policy work group in October and November. Mr. Johnston noted the major changes or updates to the report. Members suggested minor changes to the document. Members approved the document.

Item Three: TMDL Program Updates

Mr. Johnston shared the TMDL Program Update which notes that there are three new TMDL projects completed in the BIG Project Area. The three, HCFCD Ditch D 138 (1007W_01), Horsepen Creek (1014C_01), and Walnut Creek (1008I_01) were included in the latest TCEQ Water Quality Management Plan update.

Item Four: Implementation Project Presentations

1. Protect Our Pipes – Ms. Sarah Robinson, City of Houston presented on a new public information program to address Fats, Oils, Grease, and wipes called *Protect Our Pipes*. The program includes general information on Fats, Oils, Grease and wipes via a website; provides downloadable public service announcements and info graphics in English and Spanish; and helpful tips to deal with these residues and other items that should not be put down the drain.
2. Bayou Preservation Association/H-GAC Stream Survey – Ms. Kendall Guidroz, H-GAC reported that The Bayou Preservation Association and H-GAC are teaming up to survey 3-6 assessment units in the BIG Project Area using the Top Ten/Least Ten list of impaired waters. The Bayou Preservation Association hired interns to conduct windshield surveys and will hire additional interns to collect water samples and analyze using Texas Stream Team protocols. Any source findings will be reported to the appropriate jurisdictions. The team hopes to follow up with each jurisdiction to track any actions taken. The project will wrap up in 2021.
3. Clean Rivers Program Stream Survey – Ms. Jessie Casillas, H-GAC presented the project to the BIG. Ms. Casillas stated that H-GAC began the project in 2019 to identify 10 assessment units for study. The 10 will include waterbodies in urban, suburban, and rural settings. Windshield surveys and sample collection will be completed in each waterbody following accredited laboratory procedures. Once the surveys and analyses have been completed, the results will be conveyed to local authorities. Follow up monitoring and analysis is planned to determine if actions taken result in improved water quality. H-GAC is contracting with the San Jacinto River Authority and the Environmental Institute of Houston to perform the study.

Item Five: Other Business/Roundtable

H-GAC provided a slide on upcoming meetings and workshops. Mr. Johnston encouraged attendees to add to the list of upcoming events.

Next Meeting Date

May 25, 2021

Adjourn



BACTERIA IMPLEMENTATION GROUP

**Spring Meeting
May 25, 2021**



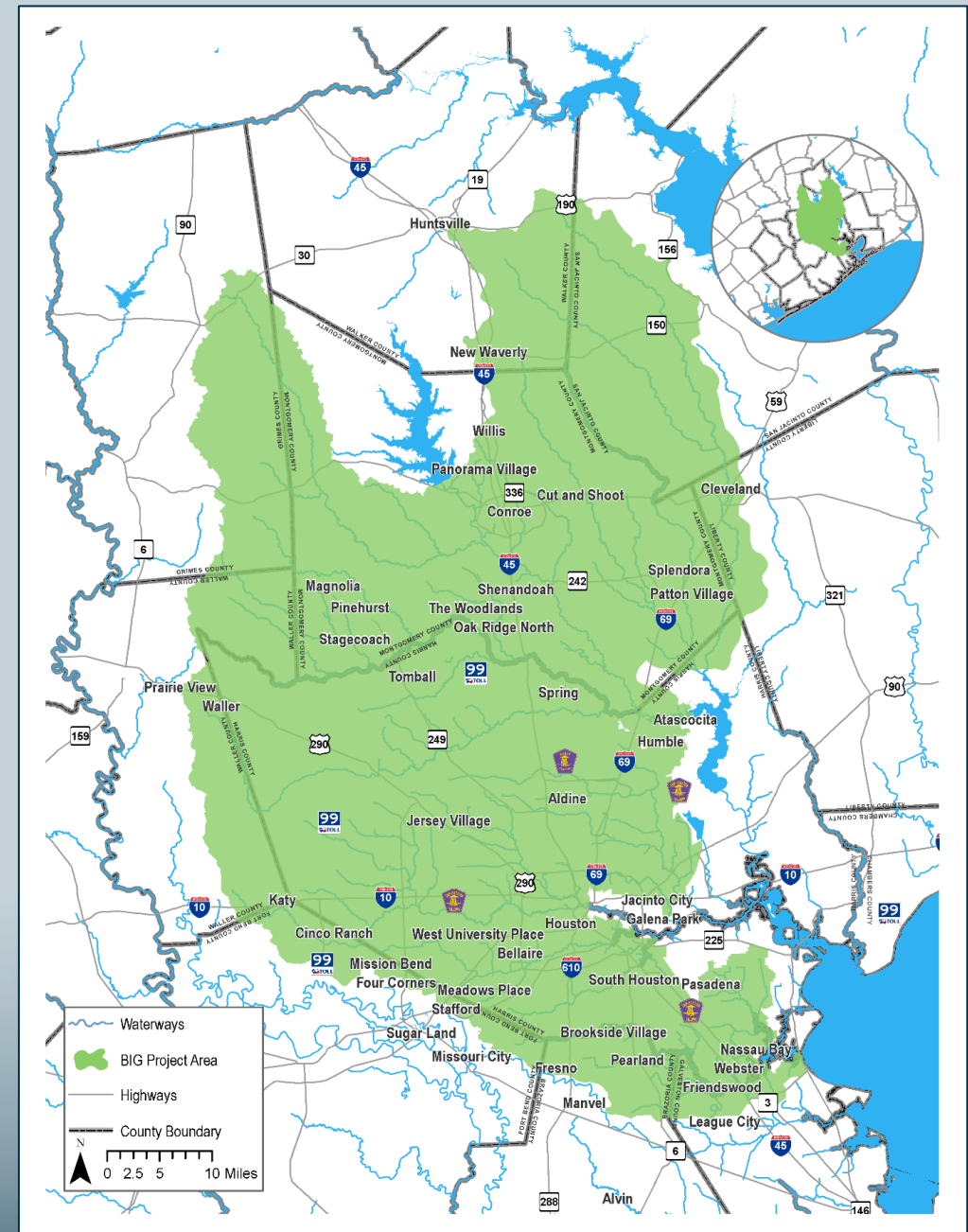
Online Meeting Tips & Etiquette

- Mute yourself when not speaking
- Turn off your camera when not presenting
- Mute/unmute and video on/off in lower left corner of the screen
- Chat is on the bottom tool bar



AGENDA

- Call to Order/Introductions
- **Quorum Certification**
- **Review and Approve Changes to the BIG Roster**
- Review and Approve Minutes
- Public Comment
- Item One: I-Plan Revision Update
- Item Two: 2020 Annual Report
- Item Three: TMDL Program Update
- Item Four: Implementation Project Presentations
- Item Five: Other Business
- Adjourn



ROSTER UPDATES

■ BIG Membership

- **Robert Snoza** (Urban County)
Harris County Flood Control District
- **Sonia Phillips** (Small City) League
City
- **Tina Petersen** (Conservation)
Bayou Preservation Association

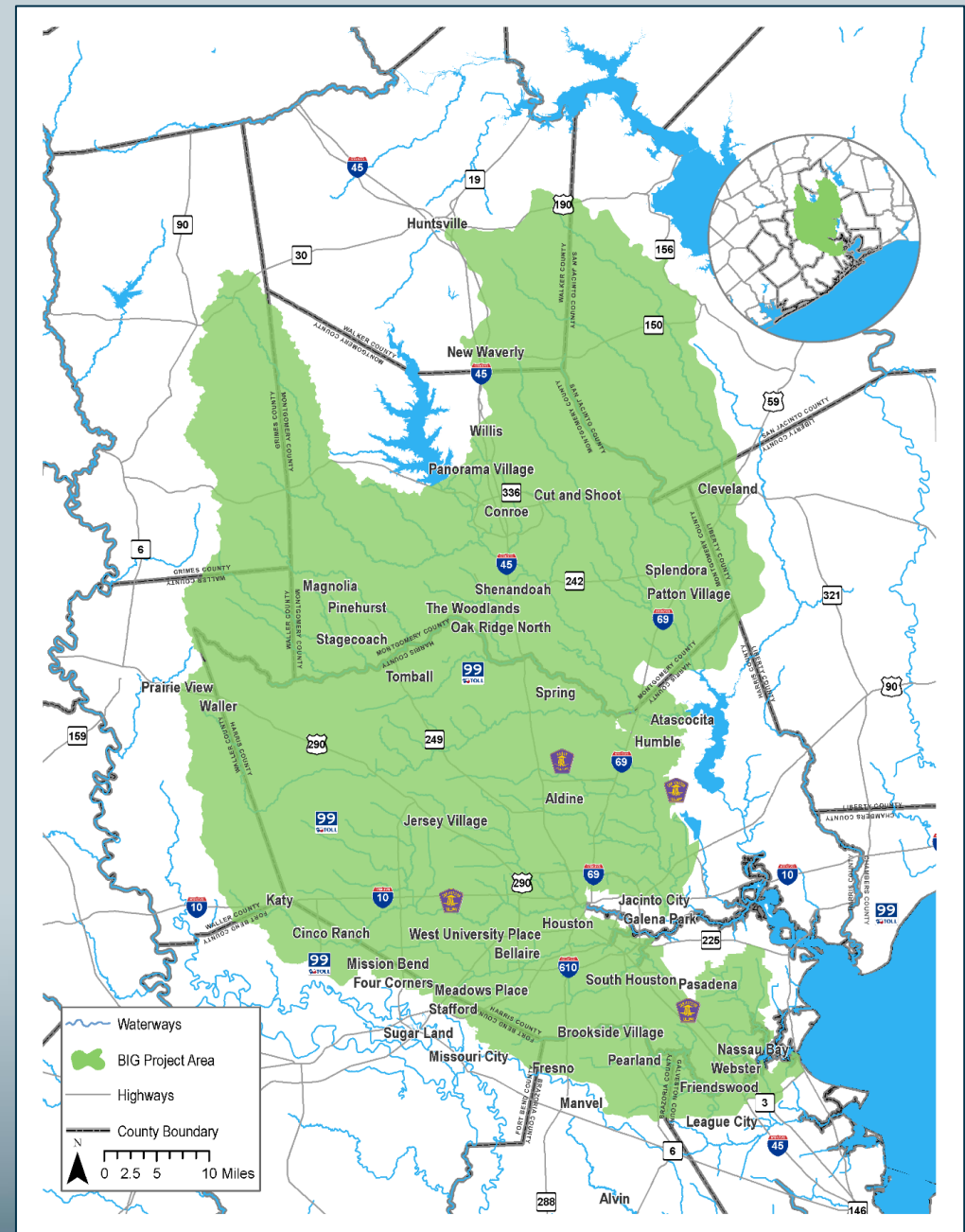
■ Alternates

- **Roberto Vega** (Urban County)
Harris County Flood Control District
- **Steve Hupp** (Conservation) Cypress
Creek Flood Control Coalition



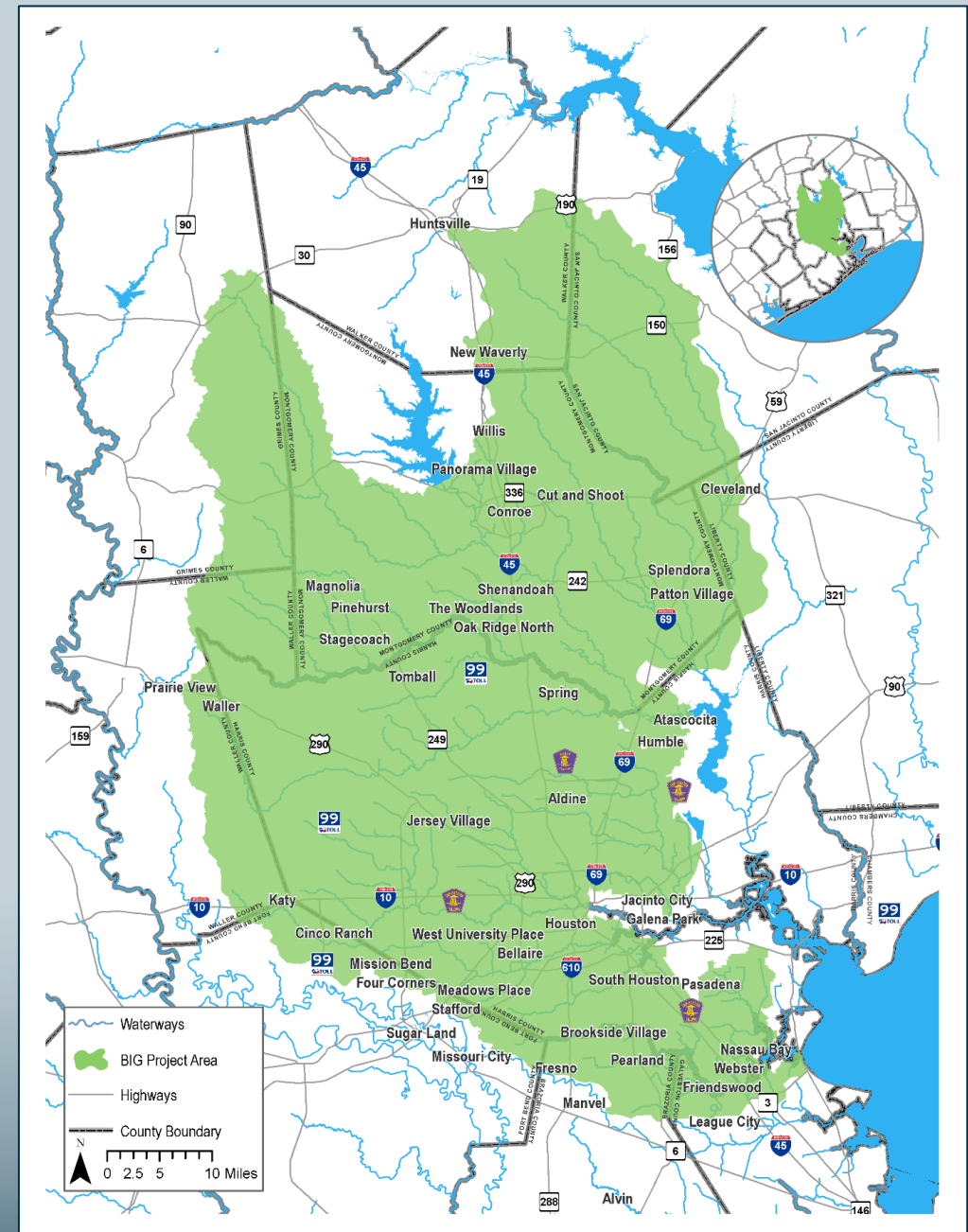
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For Total Maximum Daily Loads for Bacteria
in the Houston-Galveston Region

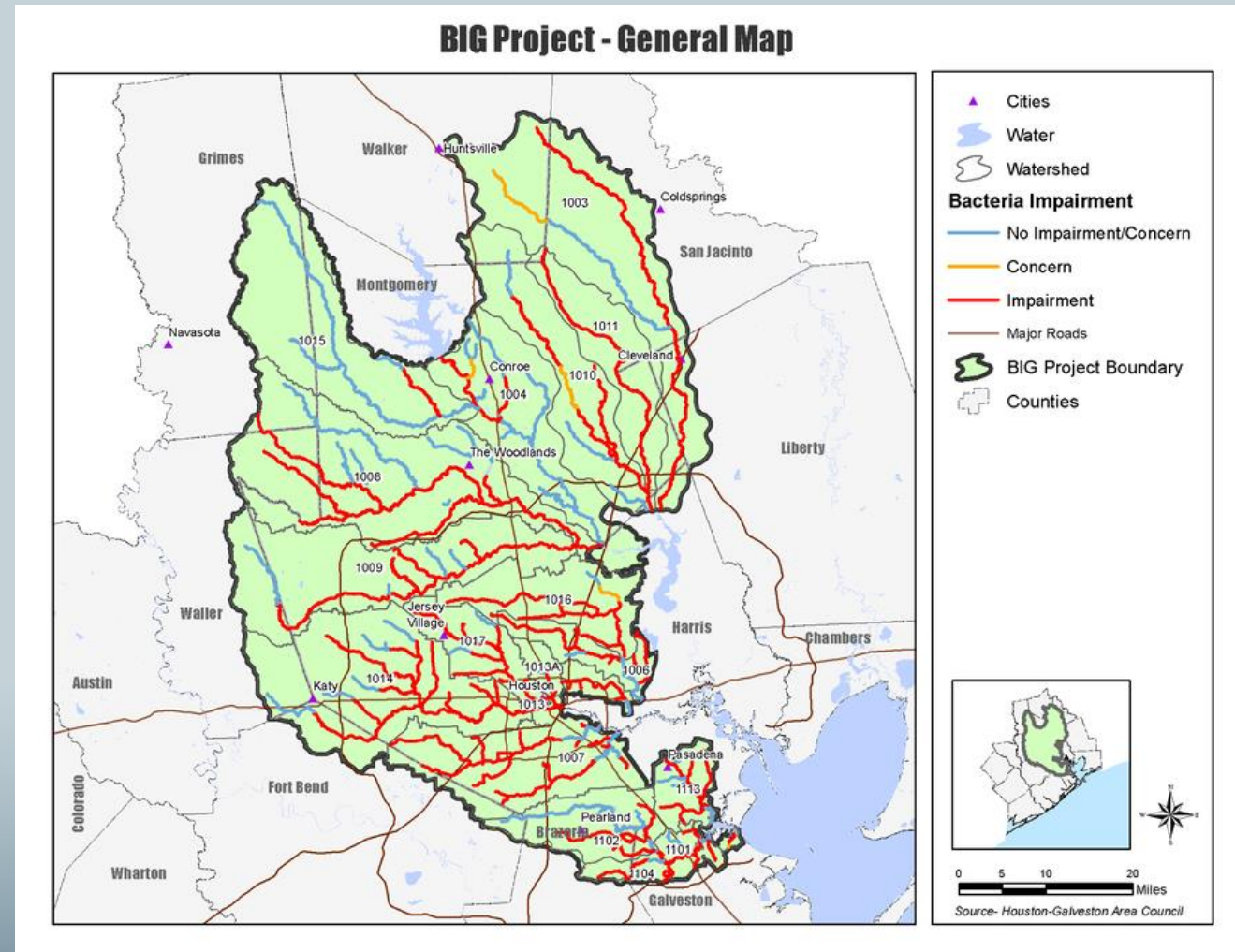
I-Plan Revision Update

- Work Group Review
- Update to Map/Data Revisions
- Timeline



I-Plan Map/Data Revisions

- Revising All Maps
- Revising All Data Tables
- Focus – 2020 endpoint
- Comparisons 2013 to 2020
- AU and Segment Level – Geographic Focus
- Include Socio/Economic Data where appropriate



I-Plan Revision Timeline



July

- Work Group Meetings

August

- Coordination and Policy

September

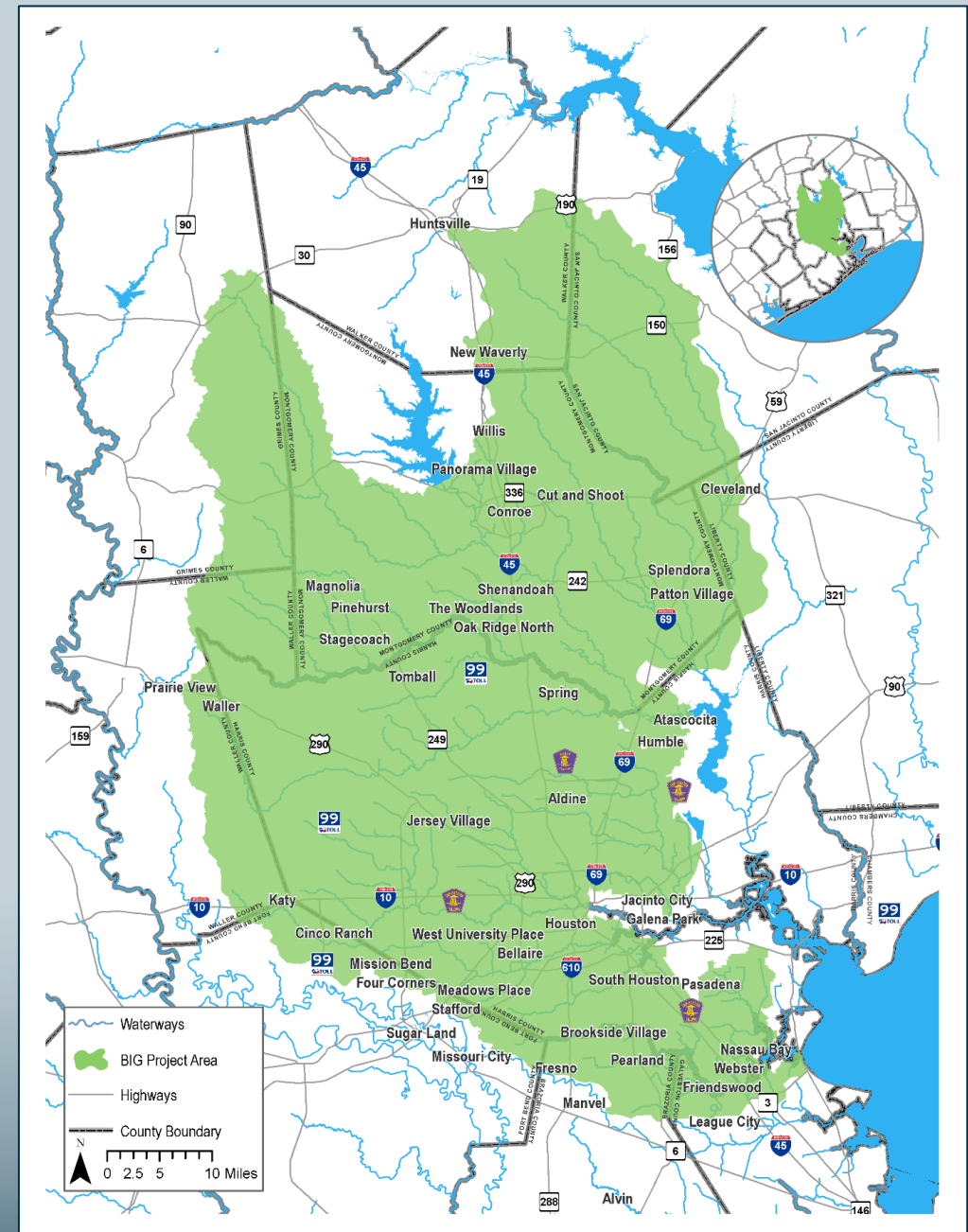
- BIG Meeting First Reading/
Coordination and Policy

October

- BIG Meeting Final Reading

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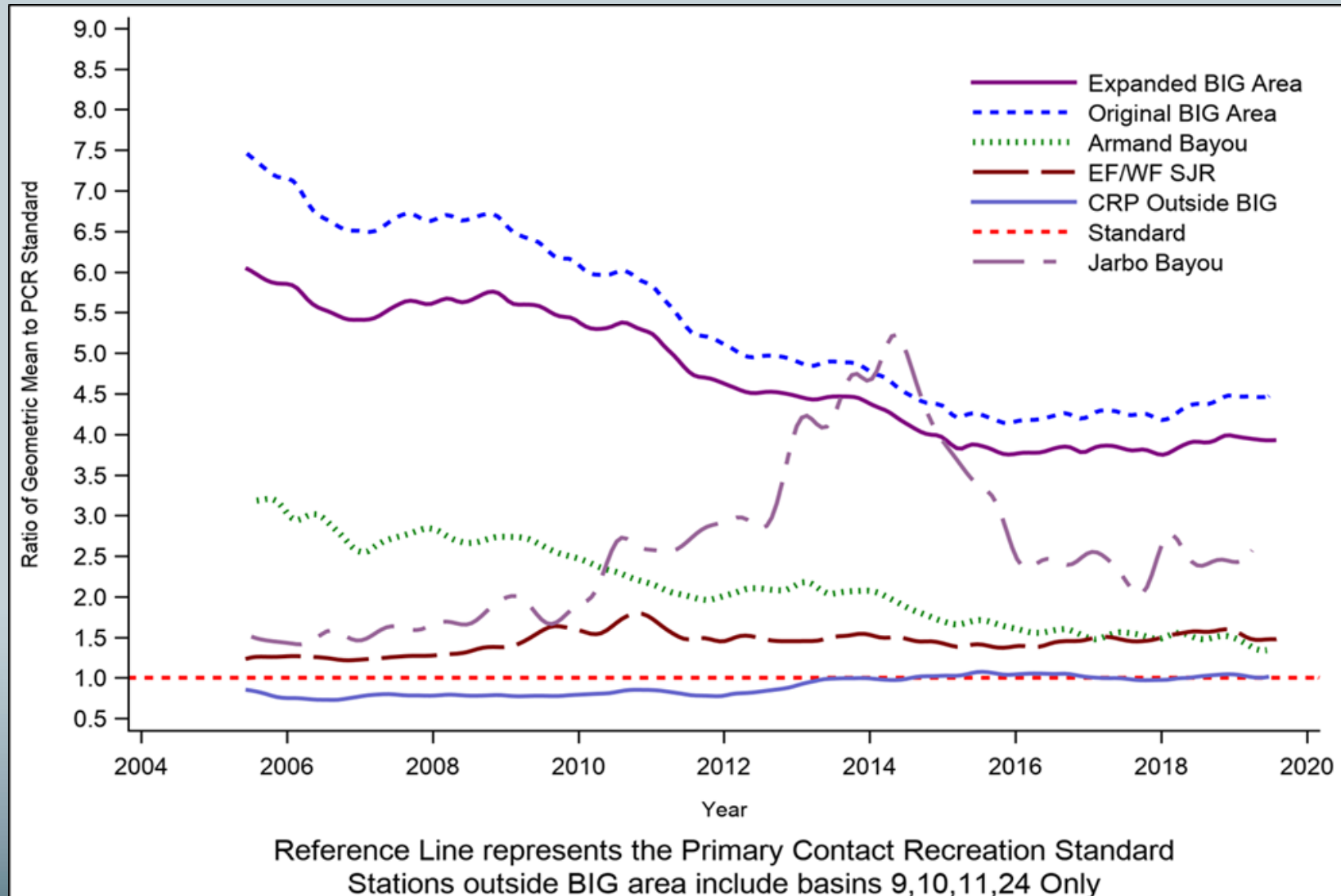


2021 Annual Report

- Calendar Year 2020
- Three Success Stories
- Three BIG Ideas
- Implementation Progress



Bacteria Trends



Annual Report Timeline



July

- Work Group Meetings

August

- Coordination and Policy

September

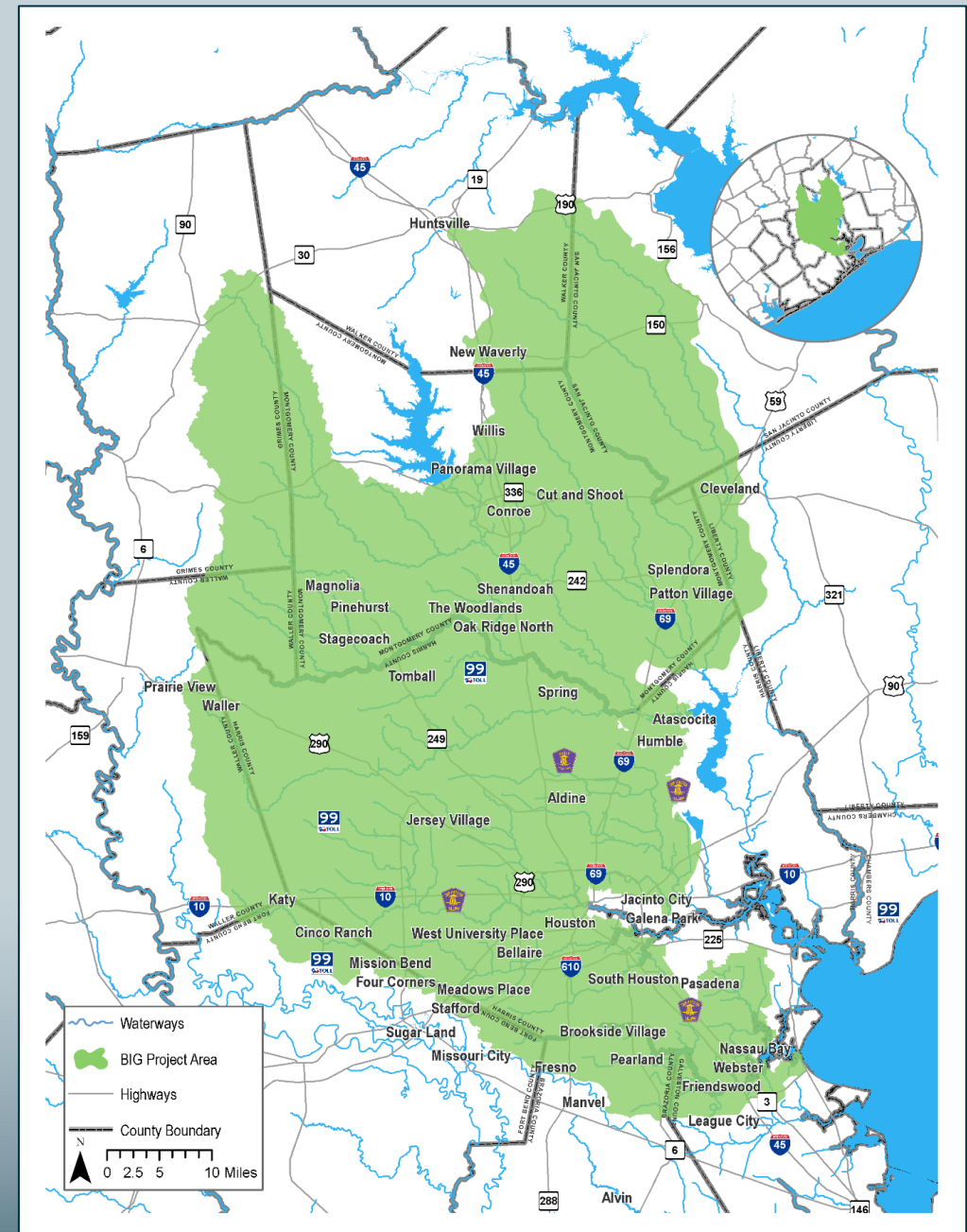
- Coordination and Policy

October

- BIG Meeting

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Regional TMDL Updates

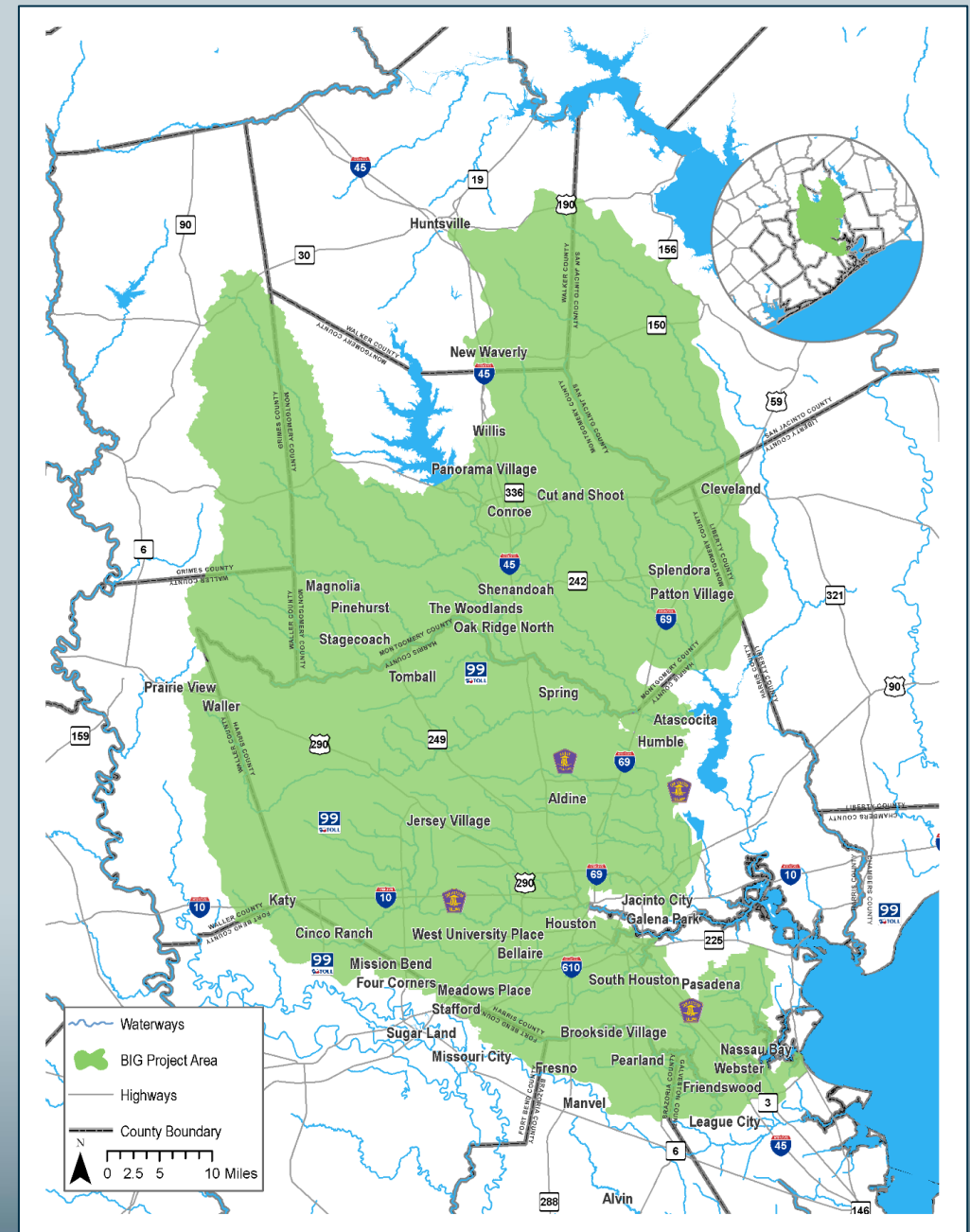


Mr. Jimmy Millican, Tarleton State University -

"Status of Addition to Indicator Bacteria TMDLs in the Lake Houston Watershed."

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Implementation Project Presentations

Ms. Laura Patino – City of Houston.

“Houston Green Infrastructure Program”

Ms. Kendall Guidroz – H-GAC.

“Targeted Monitoring Project and Trash Free Texas Updates”

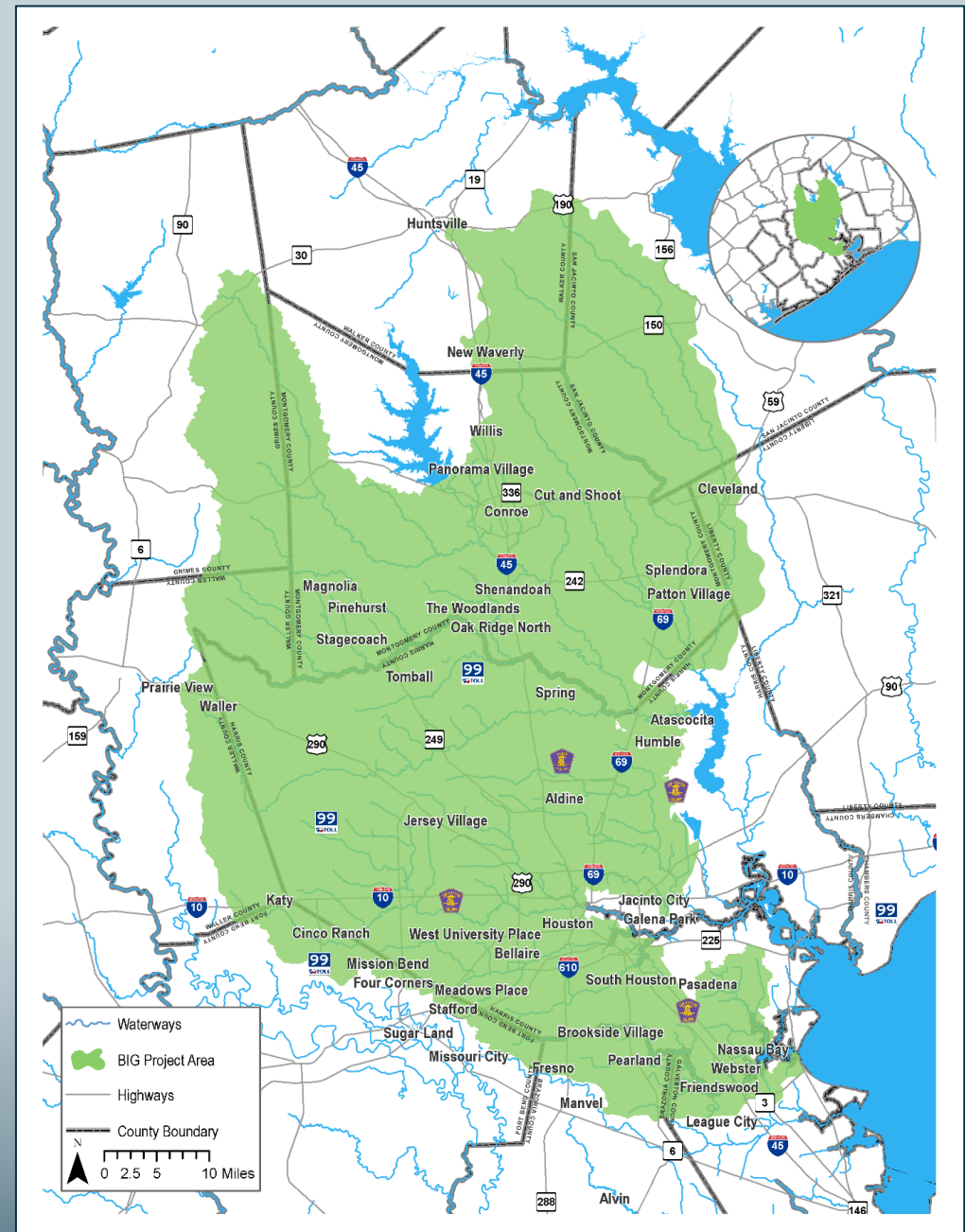
Ms. Jenny Oakley – Environmental Institute of Houston, UHCL.

“Targeted Bacteria Monitoring in the Houston-Galveston Area”



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Upcoming Meetings and Events

- 11th Annual Harris County Onsite Wastewater Seminar – *May 26, 2021*
- Spring Creek Watershed Partnership Meeting – *June 3, 2021*
- Cotton Bayou TMDL Development Meeting – *June 17, 2021*
- BIG Fall Meeting - *October 26, 2021*



ADJOURN

- **Steven Johnston**
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- 281-681-2579

