



**FALL MEETING
Agenda**

**Tuesday, December 1, 2020
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 June 2, 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: Implementation-Plan (I-Plan) Revision Update

H-GAC staff will provide an update on revising the BIG Implementation Plan.

Item Two: 2020 Annual Report

H-GAC staff will review the 2020 Annual Report. The BIG will approve the report as appropriate.

Item Three: TMDL Program Updates

H-GAC staff will provide an update to relevant TMDL project efforts within the BIG and in the region.

Item Four: Implementation Projects

- Ms. Sarah Robinson, City of Houston, will present on the new Protect Our Pipes program.
- Ms. Kendal Guidroz, H-GAC, will present on a joint project with the Bayou Preservation Association to survey local bayous for wet and dry weather bacteria sources.
- Ms. Jessie Casillas, H-GAC, will present on a Clean River Program funded project to survey urban, suburban and rural streams for wet and dry weather bacteria sources.

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, May 25, 2021

Adjourn

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

https://zoom.us/meeting/register/tJAvco-vqTgjGtUlm_y9zubH1vXR0LXR6JsF

After registering, you will receive a confirmation email with a meeting specific link tied to your email address. Also, the email will include instructions for joining the meeting via a conference line.

BIG ROSTER (December 1, 2020)

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	Nugent 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	
Elliott	Catherine	Urban County	Harris County Flood Control District	Stephen Benigno	Robert Snoza
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		
Murphy	Jack	Small City	City of League City	Susie Blake	Jody Hooks
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	
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	Richard Smith	
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



**SPRING MEETING
Summary**

**Tuesday, June 2, 2020
1:00 pm to 3:00 pm**

**H-GAC Conference Room B, Second Floor
3555 Timmons Lane**

Members Present

Sarah Bernhardt, Ralph Calvino, Jerry Caraviotis, Danielle Cioce, Christine Cooper, Tom Douglas, Denise Ehrlich, Karen Kottke, Carol LaBreche, Mac Martin, Jack Murphy, Becky Olive, Linda Pechacek, Rachel Powers, Jim Robertson, Linda Shead, Brian Schmaefsky, Michael Thornhill

Charlotte Cisneros* was represented by Scott Jones
Catherine Elliott was represented by Robert Snoza
Michael Lee* was represented by Tom Sample*
Patrick Rightmyer was represented by Desta Takie

*Did not count toward quorum

Members Absent

Ernest Bailes IV, Richard Chapin, Teague Harris, Andrew Isbell, Helen Lane, Cathy McCoy, Mitchell Page, Scott Saenger, Aaron Schindewolf, Leah Tarrant, Scott Tuma

Guests Present

Camila Biaggi, Rick Felan, Clair Hubbel, Diane Humes, Elizabeth Kompanik, Karen Kottke, Jason Leifester, Nguyen Ly, Lisa Marshall, Carl Masterson, Jazmyn Milford, Jimmy Millican, Lisa Montemayor, Nicole Reed, Christian Rines, Sarah Robinson, Desta Takie

H-GAC Staff

Justin Bower, Kendall Guidroz, Bill Hoffman, Kathy Janhsen, Steven Johnston, Todd Running, Brian Sims, Rachel Windham

Call to Order/Welcome/Introductions

Mr. Steven Johnston of H-GAC welcomed all in attendance and facilitated introductions for all BIG members and alternates as well as those in the general audience. After presenting the agenda for the format of the meeting, hearing no call for discussion, the meeting proceeded.

Certification of Quorum

A quorum was certified during the meeting.

Approval of the Proposed Members & Alternates

The BIG approved the following changes to the roster:

- New members proposed were as follows:
 - Charlotte Cisneros (Conservation, Galveston Bay Foundation)
 - Michael Lee (Resource Agency/Academia, USGS)
- New alternates were proposed as follows:
 - Tina Petersen (Conservation, Bayou Preservation Association)
 - Paul Nelson (Conservation, Bayou Preservation Association)
 - Ted Driscoll (Conservation, Galveston Bay Foundation)
 - Kristen Schlemmer (Conservation, Citizens' Environmental Coalition)
 - Nugent Cotton (Urban County, Harris County)
 - Elaine Savage (Urban County, Harris County)
 - John Ellis (Resource Agency/Academia, USGS)
 - Carl Masterson (Conservation, Texas Coastal Partnership)

All member and alternate nominees were approved unanimously by the members present through two votes, one for changes to members and one for changes to alternates.

Approval of the October 29, 2019 Meeting Summary

BIG members approved the October 29, 2019 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 the stakeholder survey and listening sessions, map and data revisions and a I-plan revision timeline. Mr. Johnston stated that staff hosted 22 listening sessions and received ten surveys from the BIG. The results of the sessions suggest that overall, members are generally satisfied with the role of the BIG and efforts to implement the I-Plan. Some areas for improvement or increase efforts include:

- increase member and outside organization participation in BIG and work group meetings;
- provide greater emphasis to research and data driven efforts;
- define meeting and work group role purpose and hold members and H-GAC staff accountable;
- expand BIG as a brand;
- define audience and expand reach; and
- consider socio-economic data as part of analyses.

Mr. Johnston noted that all maps and data tables were being revised and 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 late July. The Coordination and Policy work group will meet in August to being review of the first draft. A second draft review will be conducted in September with a final review in early October. If the draft revision is in good order, the document will be presented at the October BIG meeting for review and approval.

Item Two: 2020 Annual Report

Mr. Johnston provided an update on preparing the 2020 Annual Report. He stated that the report will follow along the timeline of the I-Plan. The data and mapping updates will be used in the annual report. Additionally, the work group meetings will be used to gather any implementation from individual BIG members.

As part of the meeting item, two presentation covering sanitary sewer overflows (SSO) were given:

- Mr. Bill Hoffman, H-GAC, presented a review of SSO data that H-GAC receives from the TCEQ Region 12 office. Mr. Hoffman noted that analysis is challenged by the inconsistencies with the data including, a lack of SSO event location, duplicate entries, irregular use of cause descriptions to explain event and discrepancies with information supplied for associated spreadsheet columns. The errors and inconsistencies make analysis difficult, requiring H-GAC to apply assumptions and potential error to generate results.
- Ms. Lisa Montemayor, City of Houston was asked to demonstrate the city's inspection management software. The city uses the INFOR platform to report incidents through 3-1-1 service requests and inspections, corrective actions taken, and results. Inspectors and technicians enter information directly through forms to a database. INFOR captures:
 - Nature of Event (location, volume, source, route)
 - Potential Danger

- Date/Time/Duration
- Steps taken to prevent recurrence and mitigate adverse effects
- Resource usage (man hours, vehicle usage)
- Photo and File attachments
- Associated work orders (repairs, inspections, etc.)
- Other items

The database software can then be used to create reports and track actions taken to address each incident.

Item Three: TMDL Program Updates

Mr. Jimmy Millican, Texas Institute for Applied Environmental Research, provided the TMDL updates within the BIG project area with a presentation titled: “Status of Additions to Indicator Bacteria TMDLs in the Brays Bayou, Lake Houston, and Buffalo and Whiteoak Bayou Watersheds.” Mr. Millican reviewed previously completed TMDL projects found within Brays Bayou, Buffalo-Whiteoak Bayou and Lake Houston watersheds. This covers fifty-one completed TMDLS through the three watersheds, eight, twenty, and twenty-three, respectively. Three new TMDL projects will be completed for the next Water Quality Management Plan include:

- HCFC Ditch D 138 (1007W_01)
- Horsepen Creek (1014C_01)
- Walnut Creek (1008I_01)

Mr. Millican stated that the flow duration curve and load duration curve method for developing TMDL will proceed for all three watersheds. Developed land cover across the three watersheds decrease with a high at HCFC Ditch D 138 to a low with Walnut Creek. Mr. Millican noted that 100% of Ditch 138 is covered by regulated stormwater while this decreases with Horspen Creek and Walnut Creek at 78.1% and 13.8%, respectively. Once the Technical Support Documents (TSD) are completed in August, the TCEQ will use them to develop addenda that will include the TMDLs as part of the Water Quality Management Plan updates that are submitted to the US EPA for approval. The completed TSD will be shared with the BIG.

Item Four: Water Program Updates

Mr. Justin Bower, H-GAC provided an update to watershed protection planning (WPP) in the West Fork of the San Jacinto River and Cypress Creek watersheds within the BIG project area. Mr. Bower noted that the Westfork WPP has been approved and is currently in implementation. As part of implementation, education and outreach is ongoing and a focus on conservation and dredging coordination has started. A WPP in in development for the Cypress Creek watershed. Data analysis is underway, and stakeholders have begun meeting to start reviewing the data and setting up the parameters of the WPP.

Ms. Rachel Windham, H-GAC provided an update to the WPP effort in the Spring Creek watershed. This is a new project in FY 20. Initial data gathering and analysis has started. H-GAC has initiated the stakeholder process and is forming the watershed partnership to oversee plan development. Ms. Windham reported that the first meeting is scheduled for July 29, 2020.

Ms. Kathy Janhsen, H-GAC provided an update on the FY 20 Water Innovation Strategies of Excellence Awards. Ms. Janhsen stated that the awards have been delayed due to COVID-19 but expects to complete the award process by August. She noted that there were fewer submittals over the inaugural year, but this is typical for award programs. She is hopeful to work with groups like the BIG to expand the reach of the program with the goal of encouraging more submittals in the future.

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. The meeting adjourned on time.

Next Meeting Date

October 27, 2020

Adjourn

BIG Meeting Call-in instructions:

To call in, dial 713-481-0090 (or 800-240-3895). You will be asked to enter your pass code, followed by the # sign. The pass code is 1084242. If you dial in before H-GAC, you will hear "music on hold". Once H-GAC dials in, the music will cease and the conference call will begin. Remember--if you do press hold, everyone will hear your hold music.

In compliance with the Americans with Disabilities Act, H-GAC provides for reasonable accommodation for persons attending H-GAC functions. Requests should be received by H-GAC 24 hours prior to the function.