

**TMDL Program**  
**FY 2018 Sixth Progress Report**  
**Time Period Covered: 8/01/2018 – 8/31/2018**

**Date: September 18, 2018**

**Name of Project: Basin Approach to Address Bacterial Impairments in the San Jacinto – Brazos Coastal Basin (Basin 11)**  
**Contract No./Work Order 582-14-42709-09**

**TASK #1. PROJECT ADMINISTRATION**

<b>Deliverable(s)</b>	<b>Due Date</b>	<b>Status</b>
List all deliverables under the task described above	List the due dates for each deliverable	If the deliverable has been completed, enter the date submitted to the TCEQ. If the deliverable has not been completed, briefly describe the status of each deliverable.
Quarterly/Monthly Progress Report	September 15, 2018	Monthly report for Work Order submitted electronically on September 18, 2018
Invoice	September 15, 2018	Invoices will be submitted under another cover.
Project Updates	Weekly	Provided for August 1, 2018 thru August 31, 2018.

**Work Performed This Period – detail all activities for this task and briefly describe the progress on each deliverable:**

Work performed for this task during this period included writing and assembling the monthly report. Copies of weekly emails are attached.

**TASK #2. PUBLIC EDUCATION AND OUTREACH**

<b>Deliverable(s)</b>	<b>Due Date</b>	<b>Status</b>
	List the due dates for each deliverable	If the deliverable has been completed, enter the date submitted to the TCEQ. If the deliverable has not been completed, briefly describe the status of each deliverable.
Development of meeting materials (Task 2.1)	Invitation letters, emails, press releases, and informational materials announcing meeting/event.	No meetings held this month.
Host two or more watershed stakeholder meetings (Task 2.2)	As needed	No meetings held this month
Copies of agendas and presentations for meetings (Task 2.3)	Due 2 weeks before distribution	No meetings held this month
Summary of meetings (Task 2.4)	Within 2 weeks after meetings	No meetings held this month
List of general stakeholders (Task 2.5)	Maintain and update as appropriate. Provide to TCEQ when requested.	Maintained and updated.
Facilitate delivery of Extension programs (Task 2.6)	One or more during work order period.	None this quarter.
Public participation/outreach summaries (Task 2.7)	With PRs	H-GAC's Coastal Communities Project.

**Work Performed This Period – detail all activities for this task and briefly describe the progress on each deliverable:**

No direct public meetings were held during this month. Anticipate commencement of meetings in the Fall 2018.

Community outreach is also being carried out in the basin through H-GAC's Coastal Communities project. Through the project, H-GAC is targeting non-MS4 communities to learn more about their water quality outreach and to provide resources to assist the local government. During this project, H-GAC is discussing local water quality impairments and ongoing programs that the local government can participate in.

- Staff participated in an open house held in Alvin, TX on August 22, 2018. The event provided an opportunity to provide water quality information, planning initiatives to improve water quality and specific actions that can be taken by individuals. 26 stakeholders attended the open house, including seven from coastal counties. The event flyer and sign-in sheet have been provided as attachments.

### **TASK #3 DEVELOP OR UPDATE QAPPs FOR ACQUIRED DATA AND MONITORING DATA**

<b>Deliverable(s)</b>	<b>Due Date</b>	<b>Status</b>
List all deliverables under the task described above	List the due dates for each deliverable	If the deliverable has been completed, enter the date submitted to the TCEQ. If the deliverable has not been completed, briefly describe the status of each deliverable.
Acquired Data QAPP Amendments (Task 3.1)	As needed.	None required.
Acquired Data QAPP Update (Task 3.2)	As needed	Annual update for FY2018 submitted to TCEQ the week of September 4, 2017. Completed update for FY 2019.
QAPP CARs (Task 3.3)	As needed	None required.
Quality assurance audits (Task 3.4)	Will participate as needed	Completed the FY 17 monitoring systems audit (contractor self-report) and provided 10/12/17.

#### **Work Performed This Period**

Staff finished the draft QAPP update in preparation for the next work order to begin in September 2018. Staff will submit to TCEQ during September 2018.

### **TASK #4 DATA SUBMISSION**

<b>Deliverable(s)</b>	<b>Due Date</b>	<b>Status</b>
List all deliverables under the task described above	List the due dates for each deliverable	If the deliverable has been completed, enter the date submitted to the TCEQ. If the deliverable has not been completed, briefly describe the status of each deliverable.
Water quality data submission (Task 4.1)	As described in QAPP	H-GAC submitted FY17 final data submission on October 31, 2017.

#### **Work Performed This Period – detail all activities for this task and briefly describe the progress on each deliverable:**

H-GAC completed its second and final Oyster Creek data submission on October 31, 2017. This task is complete.

## **TASK #5 TECHNICAL SUPPORT DOCUMENT FOR OYSTER CREEK**

<b>Deliverable(s)</b>	<b>Due Date</b>	<b>Status</b>
List all deliverables under the task described above	List the due dates for each deliverable	Final progress report and evaluation submitted to TCEQ
Draft Oyster Creek TSD (Task 5.1)	June 15, 2018	Draft 1 was submitted on June 18, 2018.
Final Oyster Creek TSD (Task 5.2)	Two weeks after receipt of TCEQ comments	Received comments on July 3, 2018. Revised draft sent on 8/27/2018.

### **Work Performed This Period – detail all activities for this task and briefly describe the progress on each deliverable:**

Staff spent most of August revising the TSD. Staff received substantive comments for the Caney Creek TSD. Comments made within the Oyster Creek TSD asked that staff consider applying the comments received for Caney Creek to Oyster Creek where appropriate. A few comments from Caney Creek TSD required making changes to all maps and some of the data tables which delayed addressing all comments for Oyster Creek TSD within the two-week time-frame. Document was revised and submitted to TCEQ on 8/27/2018.

## **TASK #6 TMDL and I-PLAN STATUS REPORT FOR CHOCOLATE BAYOU**

<b>Deliverable(s)</b>	<b>Due Date</b>	<b>Status</b>
List all deliverables under the task described above	List the due dates for each deliverable	Final progress report and evaluation submitted to TCEQ
Draft Chocolate Bayou TMDL Document (Task 6.1)	December 15, 2017	Comments were addressed that the document was submitted for the next round of reviews.
Draft Chocolate Bayou I-Plan Status Report (Task 6.2)	August 1, 2018	Preparing I-Plan status report.
Chocolate Bayou CC Meetings (Task 6.3)	One to Three Meetings	CC was held in January 2018.
Chocolate Bayou Work Group Meetings (Task 6.4)	One to Four Meetings	Three work group meetings were held during the 3rd quarter: NPS – March 28, 2018 PS – April 5, 2018 Outreach – April 5, 2018
Submit Final Chocolate Bayou TMDL Document (Task 6.5)	Two weeks after receipt of TCEQ comments	TMDL document is undergoing a review and comment period.

### **Work Performed This Period – detail all activities for this task and briefly describe the progress on each deliverable:**

H-GAC received comments to the draft Chocolate Bayou TMDL document on July 6, 2018. Staff addressed the comments and made updates to the document based on comments H-GAC received to other TMDL related projects. This revision was delayed due to changes made to all maps based on those broad set of comments. Document was revised and submitted to TCEQ on 8/14/2018. Due to the changes to the TMDL document, the Chocolate Bayou TSD was also updated to reflect these changes.

H-GAC staff began to prepare the Chocolate Bayou I-Plan. A status report will be made in September providing a specific update to the document and schedule for working with stakeholders to review and finalize the document.

#### **TASK #7 WATERSHED CHARACTERIZATION REPORT FOR HALLS BAYOU TIDAL**

<b>Deliverable(s)</b>	<b>Due Date</b>	<b>Status</b>
List all deliverables under the task described above	List the due dates for each deliverable	Final progress report and evaluation submitted to TCEQ
Draft Watershed Characterization Report (Task 7.1)	July 15, 2018	The draft of the document was submitted to TCEQ on July 20, 2018. The official draft was delayed due to a broad set of comments received for other TMDL projects. The official draft was submitted on 8/14/2018.
Final Watershed Characterization Report (Task 7.2)	Two weeks after receipt of TCEQ comments.	TCEQ provided comments on 8/20/2018. Staff began to address the comments.

**Work Performed This Period – detail all activities for this task and briefly describe the progress on each deliverable:**

The Halls Bayou characterization report was submitted to TCEQ on 8/14/2018. TCEQ provided comments on 8/20/2018. Staff began to address the comments.

#### **TASK #8 SUPPORT OF TEXAS STREAM TEAM PROGRAMS**

<b>Deliverable(s)</b>	<b>Due Date</b>	<b>Status</b>
List all deliverables under the task described above	List the due dates for each deliverable	Final progress report and evaluation submitted to TCEQ
Organize trainings and provide monitoring kits (Task 8.1)	Provide summaries with PRs	No updates
Target volunteer efforts (Task 8)	Provide summaries with PRs	No updates.

**Work Performed This Period – detail all activities for this task and briefly describe the progress on each deliverable:**

No events were held in the month of August.

#### **PROJECT RELATED MEETINGS, WORKSHOPS, TRAINING OR EVENTS**

- 1) Presentations:
  - a. None.
- 2) Meetings, Events and Conferences:
  - a. August 22, 2018 – staff held an Open House in Alvin as part of the Coastal Communities project. The Open House at the Brazoria County Public Library provided basin stakeholders with an opportunity to meet water professionals and to discuss challenges and opportunities to address water quality impairments in the basin.
- 3) Associated Implementation Projects and Programs
  - a. H-GAC has been working through its Coastal Communities Project on NPS outreach and education to the basin.
  - b. H-GAC is working through its OSSF SEP to address failing systems. Two systems were evaluated in Holiday Lakes. One owner qualifies based on income. H-GAC began to address the failing system.

- c. LID Project – staff continued to participate in a LID project with the City of Pearland using GBEP funding. H-GAC is reviewing current city ordinance and codes to develop recommendation to encourage the use of LID and green infrastructure practices.
- d. H-GAC is coordinating with TWRI on a bacteria source tracking project that includes sites in the project area.

#### **BRIEF DESCRIPTION OF OVERALL FINDINGS:**

Work during this month focused on:

- revising the draft Chocolate Bayou TMDL document and TSD;
- revising the Oyster Creek TSD; and
- completing the first draft of the Halls Bayou Characterization Report.

#### **Significant Problems (describe any scheduling shortfalls, detail significant problems and how these problems were resolved, etc.):**

H-GAC received substantial TCEQ comments to one of TMDL deliverable. Comments required revisions to all maps and updates to several data tables. An effort was made to address the comments for all similar deliverables (e.g. Oyster Creek TSD, Halls Bayou Characterization Report, Chocolate Bayou TMDL, and Caney Creek TSD) H-GAC has been working on for the TMDL program. This presents a challenge to make the revisions within the required two-week timeframe. H-GAC worked diligently to make the revisions and completed the revisions in August.