

TMDL Program
FY 2020 Progress Report #1
Time Period Covered: 9/01/2019 – 11/30/2019
Name of Project: Watershed Project for Big Creek
Contract No./Work Order 582-19-95487-04

Date: December 15, 2019

TASK #1. PROJECT ADMINISTRATION

| Deliverable(s) | Due Date | Status |
|--|---|--|
| 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. |
| Monthly Progress Report (Task 1.1) | December 15, 2019 | QPR report for Work Order submitted an electronic copy on December 15, 2019 |
| Weekly Updates (Task 1.2) | Weekly via email | Weekly updates were submitted to TCEQ PM. Copies attached to this report. |
| FSR | December 15, 2019 | Invoices will be submitted under another cover. |

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 progress report. Copies of weekly emails are attached.

TASK #2. PUBLIC EDUCATION AND OUTREACH

| Deliverable(s) | Due Date | Status |
|---|--|--|
| 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. |
| Development of meeting materials (Task 2.1) | Draft meeting materials will be sent to the TCEQ Project Manager at least two weeks prior to distribution for each meeting | No meetings were held this quarter. |
| Host two, and up to four total, watershed stakeholder meetings (Task 2.2) | As needed | No meetings were held this quarter. |
| Summary of meetings (Task 2.3) | Within 2 weeks after meetings | No meetings were held this quarter. |
| List of general stakeholders (Task 2.4) | With PRs | No updates at this time. |
| Facilitate delivery of education programs (Task 2.5) | As needed | No updates at this time. |
| Public participation/outreach summaries (Task 2) | With PRs | No updates at this time. |

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

No meetings were held this quarter specific to Task 2. The first stakeholder meeting will be scheduled for late second quarter or early third quarter.

TASK #3 EXISTING DATA QAPP

| Deliverable(s) | Due Date | Status |
|--|---|--|
| 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. |
| Existing Data QAPP Update (3.1) | Annually, as needed. | Drafting QAPP update. |
| QAPP amendments (Task 3.2) | As needed | No update needed. |
| QAPP CARs (Task 3.3) | As needed | No CARs required. |
| Quality assurance audits (Task 3.4) | Will participate as needed | No audits performed. |

Work Performed This Period

Staff is drafting the QAPP update.

TASK #4 TECHNICAL SUPPORT DOCUMENT DEVELOPMENT

| Deliverable(s) | Due Date | Status |
|--|--|--|
| 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. |
| Draft Report (Task 4.1) | July 1, 2020 | No updates. |
| Final TSD (Task 4.2) | Two weeks after receipt of TCEQ comments | N/A |

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

No work under this task has been performed. Staff is waiting to complete and execute the QAPP update prior to any work.

TASK #5 COORDINATION WITH THE TEXAS STREAM TEAM PROGRAM

| Deliverable(s) | Due Date | Status |
|--|---|--|
| 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. |
| Organize Training (Task 5.1) | As needed. | No updates. |
| Target Volunteer Efforts (Task 4.2) | As needed. | No Updates |

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

No work under this task has been performed.

PROJECT RELATED MEETINGS, WORKSHOPS, TRAINING OR EVENTS

- 1) Presentations:
 - a. No presentations were given during this report period.
- 2) Meetings, Events and Conferences:
 - a. No associated meetings were attended during this report period.
- 3) Associated Implementation Projects and Programs
 - a. No associated implementation has been carried out in the project area.

BRIEF DESCRIPTION OF OVERALL FINDINGS:

H-GAC spent time drafting the QAPP update.

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

No problems were encountered this quarter.

TMDL Program
FY 2020 Progress Report #2
Time Period Covered: 12/01/2019 – 2/28/2020
Name of Project: Watershed Project for Big Creek
Contract No./Work Order 582-19-95487-04

Date: March 16, 2020

TASK #1. PROJECT ADMINISTRATION

| Deliverable(s) | Due Date | Status |
|--|---|--|
| 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. |
| Monthly Progress Report (Task 1.1) | March 15, 2020 | QPR report for Work Order submitted an electronic copy on March 15, 2020 |
| Weekly Updates (Task 1.2) | Weekly via email | Weekly updates were submitted to TCEQ PM. Copies attached to this report. |
| FSR | March 15, 2020 | Invoices will be submitted under another cover. |

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 progress report. Copies of weekly emails are attached. Staff coordinated with TCEQ on FY 21 TMDL work orders.

TASK #2. PUBLIC EDUCATION AND OUTREACH

| Deliverable(s) | Due Date | Status |
|---|--|--|
| 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. |
| Development of meeting materials (Task 2.1) | Draft meeting materials will be sent to the TCEQ Project Manager at least two weeks prior to distribution for each meeting | A stakeholder meeting was held on February 27, 2020. Staff shared the meeting agenda and presentation with the TCEQ PM. |
| Host two, and up to four total, watershed stakeholder meetings (Task 2.2) | As needed | 2/27/2020: Watershed stakeholder meeting was held at the library in Richmond. |
| Summary of meetings (Task 2.3) | Within 2 weeks after meetings | 2/27/2020: Watershed Stakeholder meeting. A brief summary is provided below. |
| List of general stakeholders (Task 2.4) | With PRs | Watershed stakeholder list will be under a separate report cover. |
| Facilitate delivery of education programs (Task 2.5) | As needed | No updates at this time. |
| Public participation/outreach summaries (Task 2) | With PRs | No updates at this time. |

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

The first watershed stakeholder meeting for the current FY work order was held on February 27, 2020. Identified stakeholders were emailed the meeting announcement in February (announcement included). The

meeting agenda is also included. The list of general stakeholders, meeting presentation and final meeting summary will be sent as a separate report.

2/27/20: The third stakeholder meeting, 1st of this FY work order, was held at the George Memorial Library in Richmond Texas. The stakeholders were provided a copy of the agenda and Big Creek Characterization Report. H-GAC provided a presentation that covered the material in the report. H-GAC discussed with the stakeholders, the project's next steps. Those steps include completing the BIG Creek Technical Support Document and determining the total maximum daily load for fecal bacteria in Big Creek.

TASK #3 EXISTING DATA QAPP

| Deliverable(s) | Due Date | Status |
|--|---|--|
| 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. |
| Existing Data QAPP Update (3.1) | Annually, as needed. | Draft QAPP update executed on 2/11/2020. |
| QAPP amendments (Task 3.2) | As needed | No update needed. |
| QAPP CARs (Task 3.3) | As needed | No CARs required. |
| Quality assurance audits (Task 3.4) | Will participate as needed | No audits performed. |

Work Performed This Period

Staff submitted the draft QAPP update during the quarter. The QAPP was executed on 2/11/2020. The final document was shared with all signatories on 2/12/2020.

TASK #4 TECHNICAL SUPPORT DOCUMENT DEVELOPMENT

| Deliverable(s) | Due Date | Status |
|--|--|--|
| 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. |
| Draft Report (Task 4.1) | July 1, 2020 | No updates. |
| Final TSD (Task 4.2) | Two weeks after receipt of TCEQ comments | N/A |

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

With the executed QAPP update, staff began work on updating data and preparing flow records for developing the total maximum daily load for AU 1202J_01.

TASK #5 COORDINATION WITH THE TEXAS STREAM TEAM PROGRAM

| Deliverable(s) | Due Date | Status |
|--|---|--|
| 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. |
| Organize Training (Task 5.1) | As needed. | No Updates. |
| Target Volunteer Efforts (Task 4.2) | As needed. | No Updates |

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

No work under this task has been performed.

PROJECT RELATED MEETINGS, WORKSHOPS, TRAINING OR EVENTS

- 1) Presentations:
 - a. 1/23/20: Staff presented on TMDL projects at the Galveston Bay Estuary Program's (GBEP's) State of the Bay Symposium.
- 2) Meetings, Events and Conferences:
 - a. 12/5/19: Staff attended the GBEP Water and Sediment Quality subcommittee.
 - b. 1/22-23/20: Staff attended the GBEP's State of the Bay Symposium.
- 3) Associated Implementation Projects and Programs
 - a. No associated implementation has been carried out in the project area.

BRIEF DESCRIPTION OF OVERALL FINDINGS:

H-GAC completed and submitted the project QAPP update. The update was executed on 2/11/20 and sent to the signatories on 2/12/20. Staff also held the next watershed stakeholder meeting on 2/27/20 with time spent to announce the meeting and for meeting preparation.

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

No problems were encountered this quarter.

TMDL Program
FY 2020 Progress Report #3
Time Period Covered: 03/01/2020 – 05/31/2020
Name of Project: Watershed Project for Big Creek
Contract No./Work Order 582-19-95487-04

Date: June 15, 2020

TASK #1. PROJECT ADMINISTRATION

| Deliverable(s) | Due Date | Status |
|--|---|--|
| 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. |
| Monthly Progress Report (Task 1.1) | June 15, 2020 | QPR report for Work Order submitted an electronic copy on June 15, 2020 |
| Weekly Updates (Task 1.2) | Weekly via email | Weekly updates were submitted to TCEQ PM. Copies attached to this report. |
| FSR | June 15, 2020 | Invoices will be submitted under another cover. |

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 progress report. Copies of weekly emails are attached.

TASK #2. PUBLIC EDUCATION AND OUTREACH

| Deliverable(s) | Due Date | Status |
|---|--|--|
| 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. |
| Development of meeting materials (Task 2.1) | Draft meeting materials will be sent to the TCEQ Project Manager at least two weeks prior to distribution for each meeting | The next stakeholder meeting is being planned for June 23, 2020. |
| Host two, and up to four total, watershed stakeholder meetings (Task 2.2) | As needed | 2/27/2020: Watershed stakeholder meeting was held at the library in Richmond. |
| Summary of meetings (Task 2.3) | Within 2 weeks after meetings | No meetings held this quarter. |
| List of general stakeholders (Task 2.4) | With PRs | Watershed stakeholder list shared with TCEQ PM last quarter. |
| Facilitate delivery of education programs (Task 2.5) | As needed | No updates at this time. |
| Public participation/outreach summaries (Task 2) | With PRs | No updates at this time. |

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

H-GAC project staff worked with local partners to reschedule or plan for additional outreach activities to replace those cancelled due to COVID-19. H-GAC held a project meeting February 2020 and has scheduled a second meeting for early Q4.

TASK #3 EXISTING DATA QAPP

| Deliverable(s) | Due Date | Status |
|--|---|--|
| 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. |
| Existing Data QAPP Update (3.1) | Annually, as needed. | Draft QAPP update executed on 2/11/2020. |
| QAPP amendments (Task 3.2) | As needed | No update needed. |
| QAPP CARs (Task 3.3) | As needed | No CARs required. |
| Quality assurance audits (Task 3.4) | Will participate as needed | No audits performed. |

Work Performed This Period

The QAPP was executed on 2/11/2020. The final document was shared with all signatories on 2/12/2020.

TASK #4 TECHNICAL SUPPORT DOCUMENT DEVELOPMENT

| Deliverable(s) | Due Date | Status |
|--|--|--|
| 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. |
| Draft Report (Task 4.1) | July 1, 2020 | First TSD draft in progress. |
| Final TSD (Task 4.2) | Two weeks after receipt of TCEQ comments | N/A |

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

Substantive work on technical reports and modeling efforts were completed during this quarter, with completion expected in early Q4. Preliminary work on the TSD was completed this quarter, in addition to technical elements, with expected completion likewise in early Q4.

TASK #5 COORDINATION WITH THE TEXAS STREAM TEAM PROGRAM

| Deliverable(s) | Due Date | Status |
|--|---|--|
| 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. |
| Organize Training (Task 5.1) | As needed. | No Updates. |
| Target Volunteer Efforts (Task 4.2) | As needed. | No Updates |

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

No work under this task has been performed.

PROJECT RELATED MEETINGS, WORKSHOPS, TRAINING OR EVENTS

H-GAC project staff represented the project at a variety of local and regional meetings and events including, but not limited to, the GBEP water and sediment quality subcommittee and Clean Rivers Program meetings.

- 1) Presentations:
 - a. 5/28/20: Staff presented on TMDL projects at the CRP Steering Committee meeting.
- 2) Meetings, Events and Conferences:
 - a. 03/04/19: Staff attended the GBEP Water and Sediment Quality subcommittee and provided updates on TMDL projects.
- 3) Associated Implementation Projects and Programs
 - a. No associated implementation has been carried out in the project area.

BRIEF DESCRIPTION OF OVERALL FINDINGS:

Work focused on drafting the TSD during this quarter. Addition data was gathered and the LDCs were updated and will be included in the report. Plans for a stakeholder meeting during the quarter were altered due to COVID-19 and the meeting will be pushed back into Q4.

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

COVID-19 pandemic altered workflow at H-GAC. This included staff working 100% from home and a shift to online meetings using a variety of meeting platforms. The pandemic is not anticipated to delay deliverables. The main alteration has been the shift to online meetings and potentially pushing hands-on educational implementation, i.e. Texas Stream Team, to a future date.

TMDL Program
FY 2020 Progress Report #4
Time Period Covered: 06/01/2020 – 06/30/2020
Name of Project: Watershed Project for Big Creek
Contract No./Work Order 582-19-95487-04

Date: July 11, 2020

TASK #1. PROJECT ADMINISTRATION

| Deliverable(s) | Due Date | Status |
|--|---|--|
| 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. |
| Monthly Progress Report (Task 1.1) | July 15, 2020 | QPR report for Work Order submitted an electronic copy on July 11, 2020 |
| Weekly Updates (Task 1.2) | Weekly via email | Weekly updates were submitted to TCEQ PM. Copies attached to this report. |
| FSR | July 15, 2020 | Invoices will be submitted under another cover. |

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 progress report. Copies of weekly emails are attached.

TASK #2. PUBLIC EDUCATION AND OUTREACH

| Deliverable(s) | Due Date | Status |
|---|--|--|
| 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. |
| Development of meeting materials (Task 2.1) | Draft meeting materials will be sent to the TCEQ Project Manager at least two weeks prior to distribution for each meeting | A stakeholder meeting was held on June 23, 2020. Staff provided the meeting Agenda and presentation to the TCEQ PM for review. |
| Host two, and up to four total, watershed stakeholder meetings (Task 2.2) | As needed | 2/27/2020: Watershed stakeholder meeting was held at the library in Richmond. 6/23/2020: Watershed stakeholder meeting was held via webinar. |
| Summary of meetings (Task 2.3) | Within 2 weeks after meetings | A brief meeting summary was provided with the weekly reports. A full meeting summary will be provided in July. |
| List of general stakeholders (Task 2.4) | With PRs | Watershed stakeholder list shared with TCEQ PM last quarter. |
| Facilitate delivery of education programs (Task 2.5) | As needed | No updates currently. |
| Public participation/outreach summaries (Task 2) | With PRs | No updates currently. |

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

H-GAC project staff prepared for a stakeholder meeting which had been postponed from the previous quarter due to the COVID-19 outbreak. Preparation included sending out meeting announcements, meeting reminders, and developing meeting materials, e.g. agenda and presentation.

6/23/20: A watershed stakeholder meeting was held. Sixteen stakeholders were present for the meeting. The meeting was held as a webinar. H-GAC provided a brief project review and then presented new information covering the revised LDCs and the draft TMDL calculations. H-GAC then concluded by covering the next steps, which include completing the first draft of the TSD and plans for the TMDL document.

TASK #3 EXISTING DATA QAPP

| Deliverable(s) | Due Date | Status |
|--|---|--|
| 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. |
| Existing Data QAPP Update (3.1) | Annually, as needed. | Draft QAPP update executed on 2/11/2020. |
| QAPP amendments (Task 3.2) | As needed | No update needed. |
| QAPP CARs (Task 3.3) | As needed | No CARs required. |
| Quality assurance audits (Task 3.4) | Will participate as needed | No audits performed. |

Work Performed This Period

The QAPP was executed on 2/11/2020. The final document was shared with all signatories on 2/12/2020.

TASK #4 TECHNICAL SUPPORT DOCUMENT DEVELOPMENT

| Deliverable(s) | Due Date | Status |
|--|--|--|
| 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. |
| Draft Report (Task 4.1) | July 1, 2020 | First TSD draft in progress. |
| Final TSD (Task 4.2) | Two weeks after receipt of TCEQ comments | N/A |

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

H-GAC staff completed all data analysis and finalized the draft TMDL calculations. Staff completed the report period by continuing to draft the TSD. The TSD will be delivered in July.

TASK #5 COORDINATION WITH THE TEXAS STREAM TEAM PROGRAM

| Deliverable(s) | Due Date | Status |
|--|---|--|
| 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. |
| Organize Training (Task 5.1) | As needed. | No Updates. |
| Target Volunteer Efforts (Task 4.2) | As needed. | No Updates |

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

No work under this task has been performed. H-GAC outreach efforts for the volunteer program have stalled due to COVID-19. The monitoring program requires hands-on-training to be effect and to follow the QAPP.

PROJECT RELATED MEETINGS, WORKSHOPS, TRAINING OR EVENTS

H-GAC project staff represented the project at a variety of local and regional meetings and events including, but not limited to, the GBEP water and sediment quality subcommittee and Clean Rivers Program meetings.

- 1) Presentations:
 - a. 6/9/20: Staff presented on TMDL projects at the CRP Regional Monitoring Committee meeting.
- 2) Meetings, Events and Conferences:
 - a. 06/10/19: Staff attended the GBEP Water and Sediment Quality subcommittee meeting and provided updates on TMDL projects.
- 3) Associated Implementation Projects and Programs
 - a. No associated implementation has been carried out in the project area.

BRIEF DESCRIPTION OF OVERALL FINDINGS:

The stakeholder meeting was held during the report period. The meeting had been postponed from Q3 due COVID-19. TMDL calculations were completed during Q4. Work continued with the first draft of the TSD.

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

COVID-19 pandemic continued to alter workflow at H-GAC. This staff were allowed back to the office on a limited capacity with most staff continuing to work from home. Effects from the virus have shifted H-GAC to online meetings using a variety of meeting platforms. The pandemic is not anticipated to delay deliverables. The main alteration has pushed hands-on educational implementation, i.e. Texas Stream Team, to a future date.

TMDL Program
FY 2020 Progress Report #5
Time Period Covered: 07/01/2020 – 07/31/2020
Name of Project: Watershed Project for Big Creek
Contract No./Work Order 582-19-95487-04

Date: August 18, 2020

TASK #1. PROJECT ADMINISTRATION

| Deliverable(s) | Due Date | Status |
|--|---|--|
| 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. |
| Monthly Progress Report (Task 1.1) | August 15, 2020 | QPR report for Work Order submitted an electronic copy on August 18, 2020 |
| Weekly Updates (Task 1.2) | Weekly via email | Weekly updates were submitted to TCEQ PM. Copies attached to this report. |
| FSR | August 15, 2020 | Invoices will be submitted under another cover. |

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 progress report. Copies of weekly emails are attached.

TASK #2. PUBLIC EDUCATION AND OUTREACH

| Deliverable(s) | Due Date | Status |
|---|--|--|
| 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. |
| Development of meeting materials (Task 2.1) | Draft meeting materials will be sent to the TCEQ Project Manager at least two weeks prior to distribution for each meeting | No meetings held in the month of July. |
| Host two, and up to four total, watershed stakeholder meetings (Task 2.2) | As needed | 2/27/2020: Watershed stakeholder meeting was held at the library in Richmond. 6/23/2020: Watershed stakeholder meeting was held via webinar. |
| Summary of meetings (Task 2.3) | Within 2 weeks after meetings | A brief meeting summary was provided with the weekly reports. A full meeting summary will be provided in July. |
| List of general stakeholders (Task 2.4) | With PRs | Watershed stakeholder list shared with TCEQ PM last quarter. |
| Facilitate delivery of education programs (Task 2.5) | As needed | No updates currently. |
| Public participation/outreach summaries (Task 2) | With PRs | No updates currently. |

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

No meetings were held this month.

TASK #3 EXISTING DATA QAPP

| Deliverable(s) | Due Date | Status |
|--|---|--|
| 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. |
| Existing Data QAPP Update (3.1) | Annually, as needed. | Draft QAPP update executed on 2/11/2020. |
| QAPP amendments (Task 3.2) | As needed | No update needed. |
| QAPP CARs (Task 3.3) | As needed | No CARs required. |
| Quality assurance audits (Task 3.4) | Will participate as needed | No audits performed. |

Work Performed This Period

The QAPP was executed on 2/11/2020. The final document was shared with all signatories on 2/12/2020.

TASK #4 TECHNICAL SUPPORT DOCUMENT DEVELOPMENT

| Deliverable(s) | Due Date | Status |
|--|--|--|
| 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. |
| Draft Report (Task 4.1) | July 1, 2020 | First TSD draft in progress. |
| Final TSD (Task 4.2) | Two weeks after receipt of TCEQ comments | N/A |

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

The first draft of the Big Creek Technical Support Document was completed during the month. The document was under review by staff at the end of the month. The draft was submitted to the TCEQ PM on August 3, 2020.

TASK #5 COORDINATION WITH THE TEXAS STREAM TEAM PROGRAM

| Deliverable(s) | Due Date | Status |
|--|---|--|
| 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. |
| Organize Training (Task 5.1) | As needed. | No Updates. |
| Target Volunteer Efforts (Task 4.2) | As needed. | No Updates |

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

No work under this task has been performed. H-GAC outreach efforts for the volunteer program have stalled due to COVID-19. The monitoring program requires hands-on-training to be effect and to follow the QAPP.

PROJECT RELATED MEETINGS, WORKSHOPS, TRAINING OR EVENTS

H-GAC project staff represented the project at a variety of local and regional meetings and events including, but not limited to, the GBEP water and sediment quality subcommittee and Clean Rivers Program meetings.

- 1) Presentations:
 - a. No presentations given during the month.
- 2) Meetings, Events and Conferences:
 - a. No project related meetings or events were held during the month.
- 3) Associated Implementation Projects and Programs
 - a. No associated implementation has been carried out in the project area.

BRIEF DESCRIPTION OF OVERALL FINDINGS:

Staff focused on completing the first draft of the TSD. The document was submitted to TCEQ on August 3, 2020.

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

COVID-19 pandemic continued to alter workflow at H-GAC. This staff were allowed back to the office on a limited capacity with most staff continuing to work from home. Effects from the virus have shifted H-GAC to online meetings using a variety of meeting platforms. The pandemic is not anticipated to delay deliverables. The main alteration has pushed hands-on educational implementation, i.e. Texas Stream Team, to a future date.

TMDL Program
FY 2020 Progress Report #6
Time Period Covered: 08/01/2020 – 08/31/2020
Name of Project: Watershed Project for Big Creek
Contract No./Work Order 582-19-95487-04

Date: September 15, 2020

TASK #1. PROJECT ADMINISTRATION

| Deliverable(s) | Due Date | Status |
|--|---|--|
| 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. |
| Monthly Progress Report (Task 1.1) | September 15, 2020 | QPR report for Work Order submitted an electronic copy on September 15, 2020 |
| Weekly Updates (Task 1.2) | Weekly via email | Weekly updates were submitted to TCEQ PM. Copies attached to this report. |
| FSR | September 15, 2020 | Invoices will be submitted under another cover. |

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 progress report. Copies of weekly emails are attached.

TASK #2. PUBLIC EDUCATION AND OUTREACH

| Deliverable(s) | Due Date | Status |
|---|--|--|
| 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. |
| Development of meeting materials (Task 2.1) | Draft meeting materials will be sent to the TCEQ Project Manager at least two weeks prior to distribution for each meeting | No meetings held in the month of July. |
| Host two, and up to four total, watershed stakeholder meetings (Task 2.2) | As needed | 2/27/2020: Watershed stakeholder meeting was held at the library in Richmond. 6/23/2020: Watershed stakeholder meeting was held via webinar. |
| Summary of meetings (Task 2.3) | Within 2 weeks after meetings | A brief meeting summary was provided with the weekly reports. A full meeting summary was provided with the July report. |
| List of general stakeholders (Task 2.4) | With PRs | Watershed stakeholder list shared with TCEQ PM 2nd quarter. |
| Facilitate delivery of education programs (Task 2.5) | As needed | No updates currently. |
| Public participation/outreach summaries (Task 2) | With PRs | No updates currently. |

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

No meetings were held this month.

TASK #3 EXISTING DATA QAPP

| Deliverable(s) | Due Date | Status |
|--|---|--|
| 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. |
| Existing Data QAPP Update (3.1) | Annually, as needed. | Draft QAPP update executed on 2/11/2020. |
| QAPP amendments (Task 3.2) | As needed | No update needed. |
| QAPP CARs (Task 3.3) | As needed | No CARs required. |
| Quality assurance audits (Task 3.4) | Will participate as needed | No audits performed. |

Work Performed This Period

The QAPP was executed on 2/11/2020. The final document was shared with all signatories on 2/12/2020.

TASK #4 TECHNICAL SUPPORT DOCUMENT DEVELOPMENT

| Deliverable(s) | Due Date | Status |
|--|--|--|
| 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. |
| Draft Report (Task 4.1) | July 1, 2020 | First TSD draft in progress. |
| Final TSD (Task 4.2) | Two weeks after receipt of TCEQ comments | |

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

No work on this task was performed during the month. Staff were waiting on comments from TCEQ.

TASK #5 COORDINATION WITH THE TEXAS STREAM TEAM PROGRAM

| Deliverable(s) | Due Date | Status |
|--|---|--|
| 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. |
| Organize Training (Task 5.1) | As needed. | No Updates. |
| Target Volunteer Efforts (Task 4.2) | As needed. | No Updates |

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

No work under this task has been performed. H-GAC outreach efforts for the volunteer program have stalled due to COVID-19. The monitoring program requires hands-on-training to be effect and to follow the QAPP.

PROJECT RELATED MEETINGS, WORKSHOPS, TRAINING OR EVENTS

- 1) Presentations:
 - a. 8/6/2020 – staff attended the Natural Resources Advisory Committee and provided a presentation on TMDLs within the H-GAC Service Area.
- 2) Meetings, Events and Conferences:
 - a. No project related meetings or events were held during the month.
- 3) Associated Implementation Projects and Programs
 - a. No associated implementation has been carried out in the project area.

BRIEF DESCRIPTION OF OVERALL FINDINGS:

Staff were in a holding pattern this month. The project page has been created and can be found at:

<https://www.h-gac.com/watershed-based-plans/big-creek-tmdl.aspx>. We will begin to populate it with past meetings and report documents. Staff also address minor final revisions to the WO budget to ensure the funds are appropriately and completely spent.

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

COVID-19 pandemic continued to alter workflow at H-GAC. This staff were allowed back to the office on a limited capacity with most staff continuing to work from home. Effects from the virus have shifted H-GAC to online meetings using a variety of meeting platforms. The pandemic is not anticipated to delay deliverables. The main alteration has pushed hands-on educational implementation, i.e. Texas Stream Team, to a future date.