

March 14, 2022

Steven J. Raabe, P.E.  
Trustee, Matagorda Bay Mitigation Trust  
PO Box 1269  
Poth, TX 78147-1269

RE: Quarterly Progress Report for the period 12/1/2021 – 2/28/2022.

Dear Mr. Raabe,

Please find enclosed the following deliverable: Quarterly Progress Report for the project “Long-term Trends in Lavaca-Colorado and Guadalupe Estuaries” Contract No. 0011.

Sincerely,



Paul A. Montagna, Ph.D.  
Chair, Hydroecology, Harte Research Institute  
Professor, Physical and Environmental Science Department  
Regents Professor, Texas A&M University System  
Texas A&M University-Corpus Christi  
6300 Ocean Drive, Unit 5869  
Corpus Christi, TX 78412  
Phone: 361-825-2040  
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**I. TITLE, CONTRACT INFORMATION, AND CONTACTS:**

**Long-term Trends in Lavaca-Colorado and Guadalupe Estuaries**

**Contract 0011**

Performing Party Representative:

Dr. Paul A. Montagna  
Harte Research Institute for Gulf of Mexico Studies  
Texas A&M University-Corpus Christi  
6300 Ocean Drive, Unit 5869  
Corpus Christi, TX 78412-5869  
Telephone: 361-825-2040  
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Contract Period: 01 March 2021 – 31 December 2022

Reporting Period: 01 December to 28 March 2022  
Date of submission: 14 March 2022

SUBMITTED TO:

Steven J. Raabe, P.E.  
Trustee, Matagorda Bay Mitigation Trust  
PO Box 1269  
Poth, TX 78147-1269  
Via Email to: [Trustee@mbmTrust.com](mailto:Trustee@mbmTrust.com)

## **II. DESCRIPTION OF TASKS:**

There are four tasks for this project:

Task 1): Analyze archived benthic samples.

Task 2): Synthesize existing monitoring data from the Texas Parks and Wildlife Department, Coastal Fisheries Program (TPWD).

Task 3): Synthesize existing water and sediment quality data obtained from Freese and Nichols, Inc. monitoring of the Formosa Plastics Corporation discharge site into Lavaca Bay.

Task 4): Data Management, Reporting, and Outreach Engagement. Quarterly Progress Reports: within 10 days of the end of each annual quarter: Q1 = April 10, Q2 = July 10, Q3 = October 10, and Q4 = January 10.

Final Report = December 31, 2022

## **III. STATUS OF TASKS:**

Task 1): In progress. Completed 144 samples this quarter.

Task 2): In progress. TPWD monitoring data has been received and put into an analyzable format.

Task 3): In progress. Completed all statistical analyses. Writing report.

Task 4): In progress. Third quarterly report submitted.

Participated in two workshops that were related to the project:

Freshwater Inflows Stakeholder Workshop, Victoria College, Victoria, Texas, 24 February 2022.

Freshwater Inflows Scoping Workshop, Texas Parks and Wildlife Department, Austin, Texas, 1 December 2021.

## **IV. PLAN FOR NEXT QUARTER:**

Task 1): Continue to analyze archived benthic samples.

Task 2): Analysis of TPWD monitoring data.

Task 3): Complete report writing on the Formosa Plastics Corporation discharge site.

Task 4): Submit a quarterly reporting.

## **V. PROBLEMS ENCOUNTERED/CORRECTIVE ACTIONS:**

None.

## **VI. ADHERENCE TO PROJECT TIMELINE:**

- A. Explanation of delays (if any): No delays.
- B. Anticipated delays: None expected.