

September 2, 2021

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

RE: Quarterly Progress Report for the period 7/1/2021 – 8/31/2021.

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  
Email: [Paul.Montagna@tamucc.edu](mailto:Paul.Montagna@tamucc.edu)

Contract Period: 01 March 2021 – 31 December 2022

Reporting Period: 01 July to 31 August 2021  
Date of submission: 2 September 2021

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 90 samples this quarter.

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

Task 3): In progress. Digitized and performed quality control checks on 25 years of monitoring data.

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

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

Task 1): Continue to analyze archived benthic samples.

Task 2): Analysis of TPWD monitoring data.

Task 3): Analysis the database of the Formosa Plastics Corporation discharge date.

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.