TEXAS A&M UNIVERSITY
CORPUS CHRISTI

HARTE RESEARCH INSTITUTE FOR GULF OF MEXICO STUDIES
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January 6, 2025

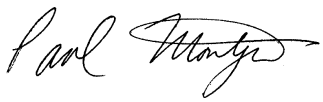
Steven J. Raabe, P.E.
Trustee, Matagorda Bay Mitigation Trust
PO Box 1269
Poth, TX 78147-1269

RE: Quarterly Progress Report for the period 10/1/2024 – 12/31/2024

Dear Mr. Raabe,

Please find enclosed the following deliverable: Quarterly Progress Report for the project "Are benefits of freshwater inflow confounded with degradation by non-point source pollution in Lavaca and Matagorda Bays" Contract No. 068.

Sincerely,



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Professor, Physical and Environmental Science Department
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Texas A&M University-Corpus Christi
6300 Ocean Drive, Unit 5869
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I. TITLE, CONTRACT INFORMATION, AND CONTACTS:

Are benefits of freshwater inflow confounded with degradation by non-point source pollution in Lavaca and Matagorda Bays?
Contract No. 068

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

Contract Period: 01 February 2024 – 31 January 2026

Reporting Period: 01 October 2024 to 31 December 2024
Date of submission: 6 January 2025

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

II. DESCRIPTION OF TASKS:

There are two tasks for this project:

Task 1): Sediment Quality Triad (SQT) analysis. 18 stations sampled and analyzed for sediment chemistry, toxicity, and biodiversity.

Task 2): Data Management, Reporting, and Outreach Engagement. Quarterly Progress Reports: within 10 days of the end of each annual quarter: Q1 = 10 April 2024, Q2 = 10 July 2024, Q3 = 10 October 2024, and Q4 = 10 January 2025. The Final Report = January 31, 2026. Public engagement.

III. STATUS OF TASKS:

Task 1): In progress.

The field sampling was completed on 13-15 May 2024 and on 22 May 2024.

Chemistry samples were shipped to College Station, TX and were completed on 1 November 2024.

Benthic samples were brought back to Corpus Christi, TX and are being analyzed. In this quarter, 50 benthic samples (= 5 stations x 5 replicates x 2 section depths) were completed for community structure analyses. That brings the total number of samples completed to 90 of 190.

Task 2): In progress.

Fourth quarterly report submitted to MBMT.

IV. PLAN FOR NEXT QUARTER:

Task 1): Continue benthic analyses in Corpus Christi, TX.

Task 2): 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.