

April 5, 2024

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

RE: Quarterly Progress Report for the period 1/1/2024 – 3/31/2024.

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,



Paul A. Montagna, Ph.D.
Endowed 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
Email: Paul.Montagna@tamucc.edu

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 January 2024 to 31 March 2024
Date of submission: 5 April 2024

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 = April 10, Q2 = July 10, Q3 = October 10, and Q4 = January 10. The Final Report = January 31, 2026. Public engagement.

III. STATUS OF TASKS:

Task 1): In planning phase.

The field sampling is planned for the week of May 13th 2024. Activities during the current quarter included purchasing supplies, arranging travel, and planning the sampling activities.

Task 2): In progress.

Subcontract with NOAA for toxicology analyses has been executed.

Contract with B&B Laboratories, Inc., A TDI-Brooks Affiliate, has been put in place for the chemistry analyses.

First quarterly report submitted.

IV. PLAN FOR NEXT QUARTER:

Task 1): Complete field work and sampling. Transport toxicology samples to Charleston, SC for analyses. Transport chemistry samples to College Station, TX for analyses. Sediment samples will be retained in Corpus Christi, TX for benthic analyses.

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.