

June 30, 2023

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

RE: Quarterly Progress Report for the period 4/1/2023 – 6/30/2023.

Dear Mr. Raabe,

Please find enclosed the following deliverable: Quarterly Progress Report for the project
“Sediment Quality Assessment Survey of San Antonio Bay” Contract No. 035.

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:

Sediment Quality Assessment Survey of San Antonio Bays

Contract 035

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 January 2023 – 31 December 2024

Reporting Period: 01 April 2023 to 30 June 2023
Date of submission: 30 June 2023

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 will be 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 = December 31, 2024. Public engagement.

III. STATUS OF TASKS:

Task 1): In progress.

Primary task this quarter was to complete the sampling event between May 8 – 11, 2023. A total of 18 stations were sampled. A total of 5 replicates of benthic samples were collected at each station for a total of 90 samples, and these were taken back to Corpus Christi, TX for analyses. A total of 18 gallons of mud was collected for the toxicity analyses and this was shipped overnight to the laboratory in Charleston, SC. A total of 3 replicates of sediment samples were collected for chemical analyses at each station for a total of 54 samples, and these were hand-delivered to the laboratory in College Station, TX for analyses.

Task 2): In progress.

Second quarterly report submitted.

Participated in Matagorda Bay Ship Channel Dredging meeting on June 6, 2023 in Port Lavaca, TX.

IV. PLAN FOR NEXT QUARTER:

Task 1): Work on sample 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.