

Matagorda Bay Mitigation Trust – Progress Report

Project Name: Assessing the risk to ecosystem health from increasing nitrogen and phosphorus levels in Lavaca Bay

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Contract No.: 0044

Reporting Period: 3/1/2025-5/31/2025

Task 1: Monthly sampling to characterize nutrient indicators.

Status of the task during this reporting period: not started in progress completed

- Describe major accomplishments for this reporting period.
 - Monthly sampling was conducted on: 3/3/2025, 4/15/2025, 5/5/2025
 - May 2025 marked the completion of 2 years of monthly sampling at 8 sites around Lavaca Bay.
- List the deliverable(s)/milestone(s) completed during this reporting period.
 - Nothing to report.
- Were there any problems or obstacles encountered during this reporting period (e.g., delays, remedial action taken, schedule revision). Yes No If yes, please explain:
- Briefly describe plans for the next reporting period.
 - Analysis of samples will continue.

Task 2: Experimental bioassays to determine algal response to nutrients.

Status of the task during this reporting period: not started in progress completed

- Describe major accomplishments for this reporting period.
 - We received nutrient concentration data for the samples that were analyzed externally by another entity. The experimental nutrient treatments to be used for the next phase of experiments were selected and planning and design was done for the next phase.
- List the deliverable(s)/milestone(s) completed during this reporting period.
 - Nothing to report.
- Were there any problems or obstacles encountered during this reporting period (e.g., delays, remedial action taken, schedule revision). Yes No
- Briefly describe plans for the next reporting period.
 - First bioassay scheduled week of June 2nd-June 6th.

Task 3: Stakeholder meetings.

Status of the task during this reporting period: not started in progress completed

- Describe major accomplishments for this reporting period.

- Nothing to report.
- List the deliverable(s)/milestone(s) completed during this reporting period.
 - Nothing to report.
- Were there any problems or obstacles encountered during this reporting period (e.g., delays, remedial action taken, schedule revision). Yes No If yes, please explain:
- Briefly describe plans for the next reporting period.
 - Nothing planned. Will share findings with stakeholders as requested.