

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: 9/1/2024-11/30/2024

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: 9/19/2024, 10/10/2024, 11/05/2024
- 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.
 - Continue monthly sampling as per contract.

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.
 - 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: Delay in analysis of year 1 data due to turnover in research personnel and postponement of water chemistry analyses. Water chemistry samples were prepped and sent to an external lab for analysis. Results are expected in the next month (end of January 2025), allowing bioassays to commence.
- Briefly describe plans for the next reporting period.
 - Conduct first bioassay experiment of year 2 in February timeframe.

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.