

## 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:** 4/1/23-6/30/23

### 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.
  - Supplies and gear were ordered.
  - Final monthly sampling sites were established.
  - Sampling commenced on June 20<sup>th</sup>, 2023.
- 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.
  - Supplies and gear were ordered.
  - Location for bioassay experiments was identified.
- 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.
  - Conduct first quarterly bioassay experiment (August 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.

- Presented at Lavaca Bay Foundation public meeting on June 15<sup>th</sup>, where we met with stakeholders and discussed sampling locations as well as identified possible citizen scientists to work on the project with us.
- 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.