

Matagorda Bay Mitigation Trust Semi-Annual Progress Report

Restoring Oyster Reef Habitat in Mesquite Bay
Award # 020

Submitted by:

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Submitted to:

Matagorda Bay Mitigation Trust



MATAGORDA BAY MITIGATION TRUST

II. Description of tasks completed:

- Sampling of the restored reef in Carlos Bay occurred on November 12, 2024.
- All data from this event were digitized and quality-checked.
- Samples were processed for the presence of *Perkinsus marinus* (dermo disease) in oyster tissues, and the resulting data were reviewed for accuracy and completeness.

III. Status of tasks in progress:

- Post-construction monitoring of reef development is ongoing:
 - Initial monitoring at the Carlos Reef site occurred on June 10, 2024, followed by additional sampling in August and November 2024.
 - A fourth and final monitoring event is currently being planned for June 2025.

IV. Plan for next reporting period:

- We will conduct the planned June 2025 sampling event and continue processing samples for disease detection in the laboratory.
 - All data will be digitized and subjected to quality control measures.
- Initial data analyses will be conducted in preparation for the draft final report

V. Adherence to project timeline:

- We expect to adhere to the project timeline. The project remains on schedule. The draft report will be submitted in December 2025, with the final report due in February 2026.