

Matagorda Bay Mitigation Trust Quarterly Progress Report

Restoring oyster reef habitat in Tres Palacios Bay and
developing best practices for future restoration

Award # 020

Submitted by:

Jennifer B. Pollack, Ph.D.

Harte Research Institute for Gulf of Mexico Studies

Texas A&M University - Corpus Christi

Victoria Prunte, Ph.D.

Palacios Marine Agricultural Research., Inc.

Reporting Period: October 1 to December 30, 2022

Date of Submission: December 15, 2022

Submitted to:

Matagorda Bay Mitigation Trust



MATAGORDA BAY MITIGATION TRUST

II. Description of tasks completed:

- Archaeological survey was conducted by Coastal Environments, Inc. on October 20, 2022
- Archaeological report should be completed and received by end of December 2022
- Broodstock oysters were collected from Matagorda Bay and placed into conditioning tanks to prepare for spawning

III. Status of tasks in progress:

- Preparing applications for Texas Parks and Wildlife Stocking Permit and Scientific Permit
- Experiment with calcein staining of larvae (waiting on broodstock to condition)
- Permitting – working on addressing feedback from agencies (waiting on archaeological report)
- Sourcing of oyster shell for reef construction

IV. Plan for next quarter:

- Finalize and submit applications for Texas Parks and Wildlife Stocking Permit and Scientific Permit
- Continue working with Army Corps and Texas General Land Office to obtain final permit and surface lease
- Prepare for spawning of broodstock oysters
- Transport oyster shell to Palacios to bag for remote setting of larvae

V. Adherence to Project Timeline:

- We have adhered to the project timeline. No delays have been encountered.