

# **Carancahua Bay: TMDL Implementation Status**

**Date of Status Report:** June 2023, Year 2

**I-Plan Approval Date:** August 26, 2020

**TCEQ Project Manager:** Jonathan Nolte

## **Responsible Parties Abbreviations**

SWCD - Soil and Water Conservation District

NRCS - U.S. Department of Agriculture Natural Resources Conservation Service

TWRI - Texas Water Resources Institute

TSSWCB - Texas State Soil and Water Conservation Board

WWTFs - Wastewater Treatment Facilities

## Management Measures

### ***Management Measure 1: Promote and Implement Water Quality Management Plans or Conservation Plans***

Responsible Party	Implementation Goal	Status
<p>Watershed Coordinator, Local Stakeholders, Texas A&amp;M AgriLife Extension Service, TSSWCB, local SWCDs, and NRCS</p>	<p><u>Year 1-2:</u> Develop seven plans across the watershed per year.  <u>Year 3:</u> Develop seven additional plans across the watershed. Secure funding for a field technician and deliver a Lone Star Healthy Streams workshop.  <u>Years 4-7:</u> Develop seven additional plans across the watershed each year. Secure funding for a field technician.  <u>Years 8:</u> Develop seven additional plans across the watershed. Secure funding for a field technician and deliver a Lone Star Healthy Streams workshop.  <u>Years 9-10:</u> Develop seven additional plans across the watershed each year. Secure funding for a field technician.</p>	<p>NRCS reports the application of 31 water quality conservation practices covering 3,565.3 acres of production land in calendar year 2022.</p> <p>The Jackson County AgriLife Extension Office held 3 continuing education programs for agricultural producers.</p> <p>Matagorda County SWCD continues to employ a full time technician to develop conservation plans and water quality management plans.</p>

**Management Measure 2: Repair and Replace failing OSSFs**

Responsible Party	Implementation Goal	Status
<p>Watershed Coordinator, Local Stakeholders, Calhoun County Designated Representative, Jackson County Office of Septic and Development Permitting, Matagorda County Designated Representative, Wharton County Designated Representative, Texas A&amp;M AgriLife Extension Service</p>	<p><u>Years 1-2:</u> Secure funding and resources to develop a OSSF repair and replacement program.  <u>Year 3:</u> Secure funding and resources to develop repair and replacement program. Deliver one on-site sewage facility (OSSF) workshop.  <u>Years 4-6:</u> Secure funding and resources to develop repair and replacement program. Repair and replace five failing OSSFs annually.  <u>Year 7:</u> Secure funding and resources to develop repair and replacement program. Deliver one OSSF workshop, and repair and/or replace five OSSFs.  <u>Years 8-9:</u> Secure funding and resources to develop repair and replacement program. Repair and/or replace four OSSFs annually.  <u>Years 10:</u> Secure funding and resources to develop repair and replacement program. Deliver one OSSF workshop, and repair and/or replace two failing OSSFs.</p>	<p>TWRI is working with Jackson County and Matagorda County to develop and send OSSF information mailings.</p>

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**Management Measure 3: Develop Voluntary OSSF Inspection Program**

<b>Responsible Party</b>	<b>Implementation Goal</b>	<b>Status</b>
Watershed Coordinator, Texas A&M AgriLife Extension Service, Jackson County Office of Septic and Development Permitting, Calhoun County Designated Representative, Matagorda County Designated Representative, and Wharton County Designated Representative	<u>Years 5-10</u> : Development of Voluntary OSSF Inspection Program	No updates.

**Management Measure 4: Promote Feral Hog Removal**

Responsible Party	Implementation Goal	Status
<p>Watershed Coordinator, Local Stakeholders, and Texas A&amp;M AgriLife Extension Service</p>	<p><u>Years 1-2:</u> Landowners will install feral hog exclosures as feasible. Landowners will trap/hunt/remove feral hogs on site with a goal of a 15% population reduction annually.</p> <p><u>Year 3:</u> Landowners will install feral hog exclosures as feasible. Landowners will trap/hunt/remove feral hogs on site with a goal of a 15% population reduction. Watershed coordinator and AgriLife Extension will deliver a feral hog workshop.</p> <p><u>Years 4-5:</u> Landowners will install feral hog exclosures as feasible. Landowners will trap/hunt/remove feral hogs on site with a goal of a 15% population reduction annually.</p> <p><u>Year 6:</u> Landowners will install feral hog exclosures as feasible. Landowners will trap/hunt/remove feral hogs on site with a goal of a 15% population reduction. Watershed coordinator and AgriLife Extension will deliver a feral hog workshop.</p> <p><u>Years 7-10:</u> Landowners will install feral hog exclosures as feasible. Landowners will trap/hunt/remove feral hogs on site with a goal of a 15% population reduction annually.</p>	<p>The Matagorda County trap loaner program is ongoing but hog numbers are no longer reported.</p>

**Management Measure 5: Promote Effective Pet Waste Management**

Responsible Party	Implementation Goal	Status
Watershed Coordinator, Texas A&M AgriLife Extension Service, and other Stakeholders as appropriate	<u>Years 4-10</u> : Develop and deliver education and outreach materials to households.	TWRI secured funding to hire a watershed coordinator to coordinate and develop education and outreach events and materials for local residents.

**Management Measure 6: Restore Oyster and Coastal Wetland Habitat**

Responsible Party	Implementation Goal	Status
Watershed Coordinator, Texas Sea Grant, and Property Owners	<u>Years 1-10</u> : Work with stakeholders to create community oyster gardens, support oyster reef restoration, living shorelines, and coastal wetland and marsh restoration.	The Texas General Land Office secured a \$6.1 million grant to start work on a two-mile living shoreline project at the mouth of Carancahua Bay to help improve oyster habitat and reduce erosion within the watershed