

Carancahua Bay: TMDL Implementation Status

Date of Status Report: September 2024, Year 3

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
Watershed Coordinator, Local Stakeholders, Texas A&M AgriLife Extension Service, TSSWCB, local SWCDs, and NRCS	<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.	9 Conservation Plans were implemented in Year 3 covering 566.5 acres across the Carancahua Bay Watershed. 1 Lone Star Healthy Streams workshop was held in Year 3.

Management Measure 2: Repair and Replace failing OSSFs

Responsible Party	Implementation Goal	Status
Watershed Coordinator, Local Stakeholders, Calhoun County Designated Representative, Jackson County Office of Septic and Development Permitting, Matagorda County Designated Representative, Wharton County Designated Representative	<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.	TWRI worked with Jackson and Matagorda County to develop and send Educational OSSF maintenance flyers.

Management Measure 3: Develop Voluntary OSSF Inspection Program

Responsible Party	Implementation Goal	Status
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
Watershed Coordinator, Local Stakeholders, and Texas A&M AgriLife Extension Service	<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>	4 educational programs were held to promote feral hog removal.

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	<p><u>Years 4-10:</u> Develop and deliver education and outreach materials to households.</p>	No updates.

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 is continuing a \$6.1 million grant project to develop a two-mile living shoreline project at the mouth of Carancahua Bay to help improve oyster habitat and reduce erosion within the watershed.