

Tres Palacios Creek: TMDL Implementation Status

Date of Status Report: June 2022, Year 4

I-Plan Approval Date: January 24, 2018

TCEQ Project Manager: Nicole Reed

Responsible Parties Abbreviations

CCN - Certificate of Convenience and Necessity

MUD - Municipal Utility District

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

SWCD - Soil and Water Conservation District

TPWD - Texas Parks and Wildlife Department

TSSWCB - Texas State Soil and Water Conservation Board

TWRI - Texas Water Resources Institute

WWTF - Wastewater Treatment Facility

Management Measures

Management Measure 1: Development and Implementation of Conservation Plans

Responsible Party	Implementation Goals	Status
Watershed Coordinator, local stakeholders, AgriLife Extension, NRCS, SWCDs, TPWD, TSSWCB	Years 1, 3, and 5: Develop and implement nine conservation plans each year in the watershed, hold a Lone Star Healthy Streams education program and Management Practice Field Days. Years 2 and 4: Develop and implement nine conservation plans each year in the watershed and hold a Riparian and Stream Ecosystem Management education program.	A Lone Star Healthy Streams workshop was held October 18, 2021, in Markham. Matagorda County SWCD hired a full time 319 Technician to assist with development of conservation plans and water quality management plans. NRCS reported the application of 118 water quality conservation practices covering 11,197 acres of production land in calendar year 2021 for the watershed.

Management Measure 2: Removal and Management of Feral Hogs

Responsible Party	Implementation Goals	Status
<p>Watershed Coordinator, local stakeholders, TPWD</p>	<p>Years 1-5: Voluntarily construct fencing, identify travel corridors for trapping and hunting, shoot hogs, promote use of AgriLife Extension’s online tracking tool for reporting harvest data.</p> <p>Years 1, 3, and 5: Feral Hog Management and Wildlife Management education programs.</p>	<p>Between 2019 and January 31, 2022, the Matagorda County Agent has reported a total of 6,699 feral hogs removed from the watershed. Efforts consisted of educational programming, aerial gunning, strategic shooting, and corral trapping</p> <p>The trap loaner program is still ongoing but feral hog number are no longer being reported. A Lone Star Healthy Streams Workshop was held in October 2021, which included a Feral Hog management module.</p>

Management Measure 3: Identification, Prioritization, and Remediation of On-site Sewage Facilities (OSSFs)

Responsible Party	Implementation Goals	Status
<p>Watershed Coordinator, AgriLife Extension, OSSF owners, Matagorda and Wharton counties</p>	<p>Years 1, 3, and 5: Identify and inspect OSSFs, develop and then consistently maintain single OSSF database, administer replacement program annually, repair and replace six OSSFs as funding allows each year, implement OSSF O&M Workshops and OSSF Installer and Maintenance Provider Workshops.</p> <p>Years 2 and 4: Identify and inspect OSSFs, maintain single OSSF database, administer replacement program annually, repair or replace six systems each year as funding allows, and implement the Texas Well Owner Network.</p>	<p>There are no updates on systems replaced for Year 4, however an ongoing project in the watershed is underway to replace approximately 15 OSSF systems which was delayed by COVID-19.</p> <p>TWRI has secured 319 grant funding to develop additional OSSF education materials, videos, and workshops to homeowners in the watershed.</p>

Management Measure 4: Reduction of Illicit Dumping and Proper Disposal of Animal Carcasses

Responsible Party	Implementation Goals	Status
Watershed Coordinator, Wharton and Matagorda counties	Years 1-5: Implement and maintain five signs per year, develop illegal dumping and animal carcass disposal education programs over the course of the five-year span.	There is no update for this management measure this year.

Management Measure 5: Planning and Management of Urban Stormwater

Responsible Party	Implementation Goals	Status
Watershed Coordinator, City of El Campo	Years 1-5: Initiation of stormwater management planning and strategies that are anticipated as part of the MS4 Phase II requirements, delivery of one stormwater education program each year.	TWRI worked with the City of El Campo to establish one educational sign at Legacy Park in the city to educate citizens on stormwater management. TWRI continues to collaborate with the City of El Campo to develop new stormwater education content for their citizens.

Management Measure 6: Installation of Urban Best Management Practices (BMPs)

Responsible Party	Implementation Goals	Status
Watershed Coordinator, AgriLife Extension, City of El Campo	Years 1-5: Identify, plan, and prioritize areas for urban BMP stormwater demonstration projects. Plan and construct urban BMP stormwater projects to capture 50 acres as funding allows. Deliver education and outreach programs to area residents and property owners.	No plans are in place for the stormwater BMP demonstration project at this time. A Healthy Lawns and Healthy Waters workshop was held in August 2020.

Management Measure 7: Development and Implementation of Pet Waste Programs

Responsible Party	Implementation Goals	Status
Watershed Coordinator, City of El Campo, Matagorda and Wharton counties, CCN holders, local stakeholders, AgriLife Extension	Years 1-5: Install one pet waste station per Certificate of Convenience and Necessity (CCN; three CCNs total), provide and deliver education and outreach materials to pet owners.	10 pet waste stations have been installed since the start of the I-Plan across the watershed. One watershed educational sign was installed at Legacy Park in El Campo.

Management Measure 8: Planning and Implementation of Wastewater Reuse

Responsible Party	Implementation Goals	Status
Watershed Coordinator, City of El Campo	Years 1-5: Inventory, identify, and prioritize sites that could utilize wastewater reuse. Plan and implement reuse projects as funding allows.	There is no update for this management measure this year.

Management Measure 9: Infrastructure Maintenance and Replacement

Responsible Party	Implementation Goals	Status
Markham MUD, City of El Campo, Midfield WWTF	Years 1-5: Inventory, identify, and prioritize sites that could utilize wastewater reuse. Plan and implement reuse projects as funding allows.	<p>The City of El Campo reported the following updates:</p> <ul style="list-style-type: none"> ▪ The North Wharton Street Project is funded to replace 9,875 feet of sewer line. ▪ A \$1.3 million wastewater treatment plant improvement project is budgeted with utility fees that will upgrade/replace air piping and add a second belt press filter. ▪ Funding for smoke testing sanitary sewer lines in 2022 has been secured. ▪ Replacement and upgrade of 1.04 miles of sanitary sewer lines. <p>At this time, there are no updates for Markham MUD or Midfield WWTF.</p>