

Hillebrandt Bayou & Neches River Tidal: TMDL Implementation Status

Date of Status Report: July 2025, Year 2

I-Plan Approval Date: August 16, 2023

TCEQ Project Manager: Jonathan Nolte

Responsible Parties Abbreviations

ANRA – Angelina & Neches River Authority

BTA – Big Thicket Association

LNVA – Lower Neches Valley Authority

NRCS – U.S Department of Agricultural Natural Resources
Conservation Service

SWCD – Soil and Water Conservation District

TFS- Texas A&M Forest Service

TPWD – Texas Parks and Wildlife

TSSWCB – Texas State Soil and Water Conservation Board

TWRI – Texas Water Resources Institute

TxDOT – Texas Department of Transportation

Management Measures

Management Measure 1: Promote and Implement NRCS Conservation Plans and TSSWCB Water Quality Management Plans (WQMPs)

Responsible Party	Implementation Goal	Status
Landowners & Producers, AgriLife Extension, TSSWCB, USDA NRCS, SWCDs	<p>Year 1:</p> <ul style="list-style-type: none">• Secure funding for a field technician to develop conservation plans and WQMPs.• Deliver an education, outreach, or extension event.• Develop nine WQMPs or conservation plans. <p>Years 2, 4, 6, 8, 9:</p> <ul style="list-style-type: none">• Maintain funding for the field technician developing conservation plans and WQMPs.• Develop nine WQMPs or conservation plans annually. <p>Years 3, 7:</p> <ul style="list-style-type: none">• Maintain funding for the field technician developing conservation plans and WQMPs.• Deliver an education, outreach, or extension event.• Develop nine WQMPs or conservation plans annually. <p>Years 5, 10:</p> <ul style="list-style-type: none">• Maintain funding for the field technician developing conservation plans and WQMPs.• Deliver an education, outreach, or extension event.• Develop nine WQMPs or conservation plans annually.• Assess progress, and if necessary, modify existing efforts or develop a new strategy for implementation	No updates

Management Measure 2: Promote Effective Feral Hog Management

Responsible Party	Implementation Goal	Status
Local Stakeholders, Jefferson & Orange County Extension Offices, AgriLife Extension	Years 1-10: <ul style="list-style-type: none">• Deliver a minimum of five feral hog management workshops.• Promote feral hog management by volunteer hunting or trapping.• Explore funding for feral hog trappers and equipment as needed. Years 5, 10: <ul style="list-style-type: none">• Assess overall progress and if necessary, modify existing efforts or develop a new strategy for implementation	No updates

Management Measure 3: Promote On-Site Sewage Facility (OSSF) Management

Responsible Party	Implementation Goal	Status
AgriLife Extension, County Staff or Designated Representatives, OSSF owners, LNVA	Years 1-10: <ul style="list-style-type: none">• Inspect and document the status of OSSFs in Year 1.• Secure funding and administer an OSSF repair or replacement program to address malfunctioning OSSFs identified through inspections.• Repair or replace approximately 130 OSSF systems within 10 years (contingent upon funding).• Organize and deliver five OSSF Operation and Maintenance Workshops. Year 5, 10: <ul style="list-style-type: none">• Assess overall progress and if necessary, modify existing efforts or develop a new strategy for implementation.	1 OSSF Program Delivered in year 2 305 septic tank permits were purchased through Jefferson County between 2023 and 2025.

Management Measure 4: Reduce Sanitary Sewer Overflow (SSO) & Unauthorized Discharges

Responsible Party	Implementation Goal	Status
City of Beaumont, City of Port Neches, City of Nederland, Other municipalities and eligible entities as enrolled, AgriLife Extension	<ul style="list-style-type: none">• Approved SSO plan.• Annual employee training on O&M.• Annual community outreach events.	No Updates

Management Measure 5: Promote Sustainable Forest Practices

Responsible Party	Implementation Goal	Status
TFS, Landowners, Forest Managers	<ul style="list-style-type: none">• Deliver education programs to landowners, loggers, and others or host outreach activities for them.• Encourage landowners and forestry managers with no forestry management plans to develop such plans.• Encourage landowners and forestry managers voluntarily implement and maintain appropriate best management practices.• Every three years, TFS will track BMP implementation and education and outreach events.	No updates

Management Measure 6: Promote Volunteer Water Quality Monitoring

Responsible Party	Implementation Goal	Status
Volunteers, LNVA, ANRA, The Meadows Center for Water and the Environment	<ul style="list-style-type: none">• Recruit local environmental stewards or citizen scientists.• Provide an annual volunteer training event.• Secure funding for buying water quality monitoring kits.	No updates.

Management Measure 7: Implement Water Quality Monitoring

Responsible Party	Implementation Goal	Status
LNVA, Local stakeholders	<ul style="list-style-type: none">• Conduct water quality monitoring and submit data according to established clean rivers program (CRP) quality assurance project plans (QAPPs).• Develop QAPPs for additional projects as needed.• Provide water quality and I-Plan updates at annual CRP Steering Committee meetings.	LNVA and TCEQ Region 10 are continuing routine monitoring of both waterbodies under approved QAPPs and providing updates through the annual CRP Steering Committee meeting.

Management Measure 8: Promote Adult & Youth Watershed Education & Awareness through Education Programs and Public Events

Responsible Party	Implementation Goal	Status
Jefferson County AgriLife Extension, Orange County AgriLife Extension, Texas Sea Grant, LNVA, Texas A&M AgriLife Extension, BTA, Other Local Stakeholders	<ul style="list-style-type: none">• Implement education programs in the TMDL watersheds that target residents and students.• Organize and implement water quality themed public outreach events annually.	No updates

Control Actions

Control Action 1: Continue Implementation of Phase I Municipal Separate Storm Sewer System (MS4) Stormwater Management Programs

Responsible Party	Implementation Goal	Status
City of Beaumont, Jefferson County Drainage District No. 6, TxDOT	<ul style="list-style-type: none">• Identification of priority areas and sources of bacteria in the MS4 areas.• Update stormwater management plan (SWMPs) to include best management practices aimed at reducing bacteria loads in the impaired waterbodies.• Implement measures described in the SWMPs.	The City of Beaumont developed a MS4 SWMP for 2023.

Control Action 2: Continue Implementation of Phase II MS4 Stormwater Management Programs

Responsible Party	Implementation Goal	Status
City of Vidor, Orange County Drainage District, Orange County, Jefferson County, Jefferson County Drainage District No. 7, City of Port Neches, City of Bridge City, TxDOT	<ul style="list-style-type: none">• Approved SWMPs for Phase II MS4s.• Number of employees trained on stormwater management.• Number of public education and outreach programs implemented.	The City of Beaumont released a SWMP for Phase II MS4s and has 15 employees trained in stormwater management. They also had 6 public education and outreach programs in their area.