Tributaries of the Neches River below Lake Palestine: TMDL Implementation Status

Date of Status Report: October 2024, Year 1

I-Plan Approval Date: August 16, 2023

TCEQ Project Manager: Jonathan Nolte

Responsible Parties Abbreviations

ANRA – Angelina and Neches River Authority

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

OSSF – On-Site Sewage Facilities

SWCD – Soil and Water Conservation District

TFS – Texas A&M Forest Service

TSSWCB – Texas State Soil and Water Conservation Board

TWRI – Texas Water Resources Institute

Management Measures

Management Measure 1: Promote Feral Hog Management

Responsible Party	Implementation Goal	Status
Local Stakeholders, Angelina County Extension Office, AgriLife Extension	Deliver one feral hog management educational events or extension programs per year.	1 feral hog management program was given in Year 1.

Management Measure 2: Implement Water Quality Monitoring

Responsible Party	Implementation Goal	Status
ANRA, Local Stakeholders	• Conduct water quality monitoring and submit data according to the TCEQ-approved CRP QAPP. • Develop QAPPs for additional projects as needed. • Provide water quality and I-Plan status updates at annual CRP Steering Committee meetings.	ANRA continues routine monitoring under an approved QAPP and providing updates through an annual CRP Steering Committee meeting.

Management Measure 3: Promote Volunteer Water Quality Monitoring

Responsible Party	Implementation Goal	Status
Volunteers, ANRA, Meadows Center	• Recruit local environmental stewards or citizen scientists. • Provide one annual volunteer training event. • Secure funding for buying water quality monitoring kits	ANRA is partnering with Texas Stream Team to promote volunteer water quality monitoring and provide testing kits.

Management Measure 4: Promote Sustainable Forest Practices

Responsible Party	Implementation Goal	Status
TFS, Landowners, Forest Managers	• Delivery of education and outreach programs to local stakeholders by TFS. • Documentation of landowner and forestry personnel participation. • Documentation of BMP implementation through voluntary site surveys.	1 Forest Pest seminar was given was held in Year 1.

Management Measure 5: Promote and Implement NRCS Conservation Plans and TSSWCB Water Quality Management Plans

Responsible Party	Implementation Goal	Status
Local Stakeholders, AgriLife Extension, TSSWCB, NRCS, Upper Neches SWCD	Years 1, 3, and 5 • Secure and maintain funding for a field technician to develop conservation plans and WQMPs. • Deliver an education, outreach, field, or extension event. • Develop two conservation plans or WQMPs in Cedar Creek, two plans in Jack Creek, and three plans in Biloxi Creek watersheds. Years 2 and 4 • Maintain funding for the field technician developing conservation plans and WQMPs. • Develop two conservations plans or WQMPs in Cedar Creek, two plans in Jack Creek, and three plans in Biloxi Creek watersheds.	NRCS reported no conservation planning activities occurred in this watershed in Year 1. Grazing Direct mailers were sent out twice in Year 1.

Management Measure 6: Reduced Sanitary Sewer Overflows and Unauthorized Discharges

Responsible Party	Implementation Goal	Status
City of Lufkin, City of Hudson, AgriLife Extension	• Approved SSO plan. • Sanitary sewer infrastructure replaced or upgraded. • Annual employee training on O&M. • Annual community outreach event.	No updates.

Management Measure 7: Promote Education & Awareness for the Proper Disposal of Fats, Oils, Grease, Pet Waste, and Illicit Dumping

Responsible Party	Implementation Goal	Status
City of Lufkin, City of Hudson, AgriLife Extension, ANRA, Local Residents	Develop and deliver education and outreach materials to watershed residents regarding illicit dumping, and the proper disposal of FOG and pet waste.	No updates.

Management Measure 8: Promote OSSF Management

Responsible Party	Implementation Goal	Status
AgriLife Extension, ANRA, OSSF Owners	• Inspect and document the status of OSSFs in the watersheds during Year 1. • Secure funding and administer an OSSF repair or replacement program to address malfunctioning OSSFs found through inspections. • Repair or replace approximately 60 OSSF systems within five years (contingent upon funding). • Organize and deliver three OSSF O&M Workshops (Years 1, 3, and 5).	No updates.