

Lavaca River Above Tidal and Rocky Creek: TMDL Implementation Status

Date of Status Report: June 2023, Year 4

I-Plan Approval Date: August 14, 2019

TCEQ Project Manager: Jonathan Nolte

Responsible Parties Abbreviations

LNRA - Lavaca-Navidad River Authority

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

TSSWCB - Texas State Soil and Water Conservation Board

SWCD - Soil and Water Conservation District

TPWD - Texas Parks and Wildlife Department

TWS - Texas Wildlife Services

Management Measures

Management Measure 1: Promote and implement Water Quality Management Plans (WQMPs) or conservation plans

Responsible Party	Implementation Goal	Status
Watershed Coordinator, local stakeholders, AgriLife Extension, TSSWCB, SWCDs, NRCS	Years 1-10: Develop 100 plans across the Lavaca River watershed, including 30 in the Rocky Creek watershed. Years 1-2: Hire a WQMP field technician. Develop 20 plans across the watershed. Deliver one Lone Star Healthy Streams workshop. Years 3-4: Develop 20 additional plans across the watershed. Deliver one Lone Star Healthy Streams workshop and one Agriculture Management Practice Field Day. Years 5-6: Develop 20 additional plans across the watershed. Deliver one Lone Star Healthy Streams workshop and one Agriculture Management Practice Field Day. Years 7-8: Develop 20 additional plans across the watershed. Deliver one Lone Star Healthy Streams workshop and one Agriculture Management Practice Field Day. Years 9-10: Develop 20 additional plans across the watershed. Deliver one Lone Star Healthy Streams workshop and one Agriculture Management Practice Field Day.	NRCS reports the application of 66 water quality conservation practices covering 5,994.2 acres of production land in calendar year 2022. The Jackson County AgriLife Extension Office held three agricultural education programs

Management Measure 2: Promote technical and direct operational assistance to landowners for feral hog control

Responsible Party	Implementation Goal	Status
Watershed Coordinator, local stakeholders, AgriLife Extension, TPWD, TWS, TSSWCB, SWCD, NRCS	Years 1-10: Landowners will install as many feral hog exclosures around deer feeders as possible. They will also aim for a 15% reduction and maintenance of feral hog populations in each watershed. Finally, landowners will work with appropriate agencies to implement wildlife management plans and practices. Feral Hog Management workshop will be delivered every other year.	No status updates.

Management Measure 3: Identify and repair or replace failing on-site sewage facilities (OSSFs)

Responsible Party	Implementation Goal	Status
Watershed Coordinator, local stakeholders, AgriLife Extension, Jackson County Office of Septic and Development Permitting, Lavaca County Designated Representative	Years 1-10: Secure funding and resources to develop and deliver a repair and replacement program. Repair or replace 40 failing OSSFs, including 11 in the Rocky Creek watershed. Deliver five OSSF workshops. Years 1-2: Deliver one OSSF Operations and Maintenance Program. Years 3-4: Repair or replace 10 failing OSSFs and deliver one OSSF Operations and Maintenance Program. Years 5-6: Repair or replace an additional 10 OSSFs and deliver one OSSF Operations and Maintenance Program. Years 7-8: Repair or replace an additional 10 OSSFs and deliver one OSSF Operations and Maintenance Program. Years 9-10: Repair or replace an additional 10 OSSFs and deliver one OSSF Operations and Maintenance Program.	TWRI has begun a OSSF outreach /education direct mailer campaign for Jackson County residents within the Lavaca River watershed.

Management Measure 4: Promote proper pet waste management

Responsible Party	Implementation Goal	Status
Watershed Coordinator, AgriLife Extension, Local public works and/or parks departments	Years 1-10: Install five pet waste stations in area parks and other high concentration areas. Annually develop and deliver educational and outreach materials to area residents.	TWRI secured funding to hire a watershed coordinator to coordinate and develop education and outreach events and materials for local residents.

Management Measure 5: Implement and expand urban and impervious surface stormwater runoff management

Responsible Party	Implementation Goal	Status
Watershed Coordinator, AgriLife Extension, local municipalities	Years 1-10: Identify and install stormwater best management practice (BMP) demonstration projects throughout urbanized areas in the watershed. Deliver five Riparian and Stream Ecosystem workshops (one every other year beginning in Year 1).	No status update.

Management Measure 6: Address inflow and infiltration

Responsible Party	Implementation Goal	Status
Watershed Coordinator, AgriLife Extension, local municipalities	Years 1-10: Develop program and educational materials to assist homeowners with repair or upkeep of sewage drain lines. Continue testing and repairing faulty lines as funding allows.	City of Edna approved 5% utility rate increases to fund planned long-term upgrades and replacements of sewer lines.

Management Measure 7: Reduce illicit dumping

Responsible Party	Implementation Goal	Status
Watershed Coordinator, AgriLife Extension, local municipalities and counties	Years 1-10: Annually develop and deliver educational materials about illicit dumping to area residents.	<p>TWRI secured funding to hire a watershed coordinator to coordinate and develop education and outreach events and materials for residents.</p> <p>LNRA is implementing an illicit dumping education program and an “Adopt a River” trash pick-up program.</p>