

Lavaca River Above Tidal and Rocky Creek: TMDL Implementation Status

Date of Status Report: August 2022, Year 3

I-Plan Approval Date: August 14, 2019

TCEQ Project Manager: Nicole Reed

Responsible Parties Abbreviations

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
<p>Watershed Coordinator, local stakeholders, AgriLife Extension, TSSWCB, SWCDs, NRCS</p>	<p>Years 1-10: Develop 100 plans across the Lavaca River watershed, including 30 in the Rocky Creek watershed.</p> <p>Years 1-2: Hire a WQMP field technician. Develop 20 plans across the watershed. Deliver one Lone Star Healthy Streams workshop.</p> <p>Years 3-4: Develop 20 additional plans across the watershed. Deliver one Lone Star Healthy Streams workshop and one Agriculture Management Practice Field Day.</p> <p>Years 5-6: Develop 20 additional plans across the watershed. Deliver one Lone Star Healthy Streams workshop and one Agriculture Management Practice Field Day.</p> <p>Years 7-8: Develop 20 additional plans across the watershed. Deliver one Lone Star Healthy Streams workshop and one Agriculture Management Practice Field Day.</p> <p>Years 9-10: Develop 20 additional plans across the watershed. Deliver one Lone Star Healthy Streams workshop and one Agriculture Management Practice Field Day.</p>	<p>NRCS reports the application of 101 water quality conservation practices covering 4,119 acres of production land in calendar year 2021.</p> <p>Jackson County 4th and 5th graders participated in the Jackson County Ag Day on April 21 and 22, 2022. A unit on watershed runoff was included as part of event.</p> <p>A one-hour education unit on watersheds and water quality was provided at the Jackson County AgriLife Extension 5-hr continuing education unit (CEU) event on December 2, 2021.</p> <p>Texas A&M AgriLife, Texas Water Resources Institute (TWRI), and NRCS completed a mailing project in Lavaca County to inform producers about cost-share opportunities and grazing land management.</p>

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.	The Jackson County AgriLife Extension 5-hr CEU event included an hour course on feral hog management on December 2, 2021.

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	<p>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.</p> <p>Years 1-2: Deliver one OSSF Operations and Maintenance Program.</p> <p>Years 3-4: Repair or replace 10 failing OSSFs and deliver one OSSF Operations and Maintenance Program.</p> <p>Years 5-6: Repair or replace an additional 10 OSSFs and deliver one OSSF Operations and Maintenance Program.</p> <p>Years 7-8: Repair or replace an additional 10 OSSFs and deliver one OSSF Operations and Maintenance Program.</p> <p>Years 9-10: Repair or replace an additional 10 OSSFs and deliver one OSSF Operations and Maintenance Program.</p>	TWRI has secured 319 grant funding for an OSSF outreach/education direct mailer campaign to begin in fiscal year 2023 (FY23) which includes Jackson County residents in the Lavaca River watershed that are not serviced by a wastewater treatment facility.

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).	A Texas Watershed Stewards workshop was held on May 5, 2021.

Management Measure 6: Address inflow and infiltration

Responsible Party	Implementation Goal	Status
Watershed Coordinator, AgriLife Extension, local stakeholders, 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.	The City of Edna received \$716,000 in American Rescue Plan Act funds to be used for water and wastewater improvements.

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.	The Lavaca-Navidad River Authority has begun implementing an illicit dumping education program and an “Adopt a River” trash pick-up program. An upcoming TSSWCB project beginning in FY23 will develop educational materials regarding illicit dumping for the community.

