

Arenosa Creek: TMDL Implementation Status

Date of Status Report: September 2024, Year 2

I-Plan Approval Date: August 11, 2021

TCEQ Project Manager: Jonathan Nolte

Responsible Parties Abbreviations

SWCD – Soil and Water Conservation District

TSSWCB – Texas State Soil and Water Conservation Board

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

GBRA - Guadalupe-Blanco River Authority

LNRA - Lavaca-Navidad River Authority

TWRI – Texas Water Resources Institute

Management Measures

Management Measure 1: Reduce the Number of Failing OSSFs and Straight Pipe Discharges

Responsible Party	Implementation Goal	Status
Watershed Coordinator, AgriLife Extension, County Staff/Designated Representatives, Homeowners	<ul style="list-style-type: none">• Years 1 through 5: Develop funding for administration, staffing, and education and outreach associated with OSSF repair and replacement program.• Years 3 through 5: Repair and replace 15 OSSFs. Annually administer funded OSSF repair and replacement program.• Years 3, 7, and 10: Hold an OSSF education workshop for homeowners	In 2023, 162 Septic Permits were purchased from Victoria County.

Management Measure 2: Promote Feral Hog Management

Responsible Party	Implementation Goal	Status
Watershed Coordinator, AgriLife Extension	<ul style="list-style-type: none">• Years 1, 3, 5, 7, and 9: Deliver feral hog management workshop.• Years 3 through 10: Explore funding for feral hog trappers and equipment, and explore funding for feral hog bounty program.	1 Feral hog management presentation was given in Year 2.

Management Measure 3: Promote and Implement Grazing and Agricultural Best Management Practices

Responsible Party	Implementation Goal	Status
Watershed Coordinator, AgriLife Extension, TSSWCB, NRCS, SWCD, Landowners/ Producers	<ul style="list-style-type: none"> Years 1 and 2: Develop three conservation plans or WQMPs each year. Year 3: Develop three conservation plans or WQMPs. Deliver a Long Star Healthy Streams workshop, or related workshop/field day event. Secure funding for a technician to develop conservation plans or WQMPs each year. Years 4, 5, and 6: Develop three conservation plans or WQMPs each year. Secure funding for a technician to develop conservation plans or WQMPs each year. Year 7: Develop three conservation plans or WQMPs. Deliver a Lone Star Healthy Streams workshop, or related workshop/field day event. Secure funding for a technician to develop conservation plans or WQMPs. Years 8, 9, and 10: Develop three conservation plans or WQMPs each year. Secure funding for a technician to develop conservation plans or WQMPs. 	40 Conservation Plans were implemented in Year 2 covering 1,995.7 acres across the Arenosa Creek Watershed.

Management Measure 4: Minimize Future Stormwater Impacts from Encroaching Development

Responsible Party	Implementation Goal	Status
Watershed Coordinator, AgriLife Extension	<ul style="list-style-type: none"> Years 1 through 10: Coordinate speakers from land trusts and other organizations to discuss land conservation opportunities (on-going, as many as possible). Years 2 and 4: Deliver one Healthy Lawns and Healthy Waters workshop or related event in each year. 	No updates.

Management Measure 5: Improve Water Quality Monitoring

Responsible Party	Implementation Goal	Status
Watershed coordinator, GBRA, LNRA, Meadows Center	<ul style="list-style-type: none">• Years 2 through 10: Resume routine water quality monitoring on Arenosa Creek.• Years 1 and 6: Provide one volunteer water quality monitoring training per year.	TWRI is conducting monthly monitoring on Arenosa Creek through a TCEQ TMDL funded project.