



Medina River Watershed Protection Plan

Medina River Below Diversion Dam

Watershed Protection Plan Stakeholder Meeting

St. Louis Braden Keller Community Center, Castroville
October 15, 2024

Tina Hendon, Program Specialist
Lucas Gregory, Associate Director
Texas A&M AgriLife, Texas Water Resources Institute

Welcome!

Review Management
Measure Scenarios

Education & Outreach
Planning

Implementation Planning



WPP Outline

- ✓ Chapter 1 – Intro to Watershed Management
- ✓ Chapter 2 – Description of Watershed Characteristics
- ✓ Chapter 3 – Existing Water Quality Conditions
- ✓ Chapter 4 – Identified Sources of Pollutants
- ✓ Chapter 5 – Pollutant Source Assessment (reductions needed)
- ✓ Chapter 6 – Strategies (How we can improve water quality)
- ✓ Chapter 7 – Education and Outreach Plan
- ✓ Chapter 8 – Implementation Plan
- ✓ Chapter 9 – Available Resources
- ✓ Chapter 10 – Measures of Success

Management Measure Scenarios

Land-Based Sources

Livestock

Deer

Feral Hogs

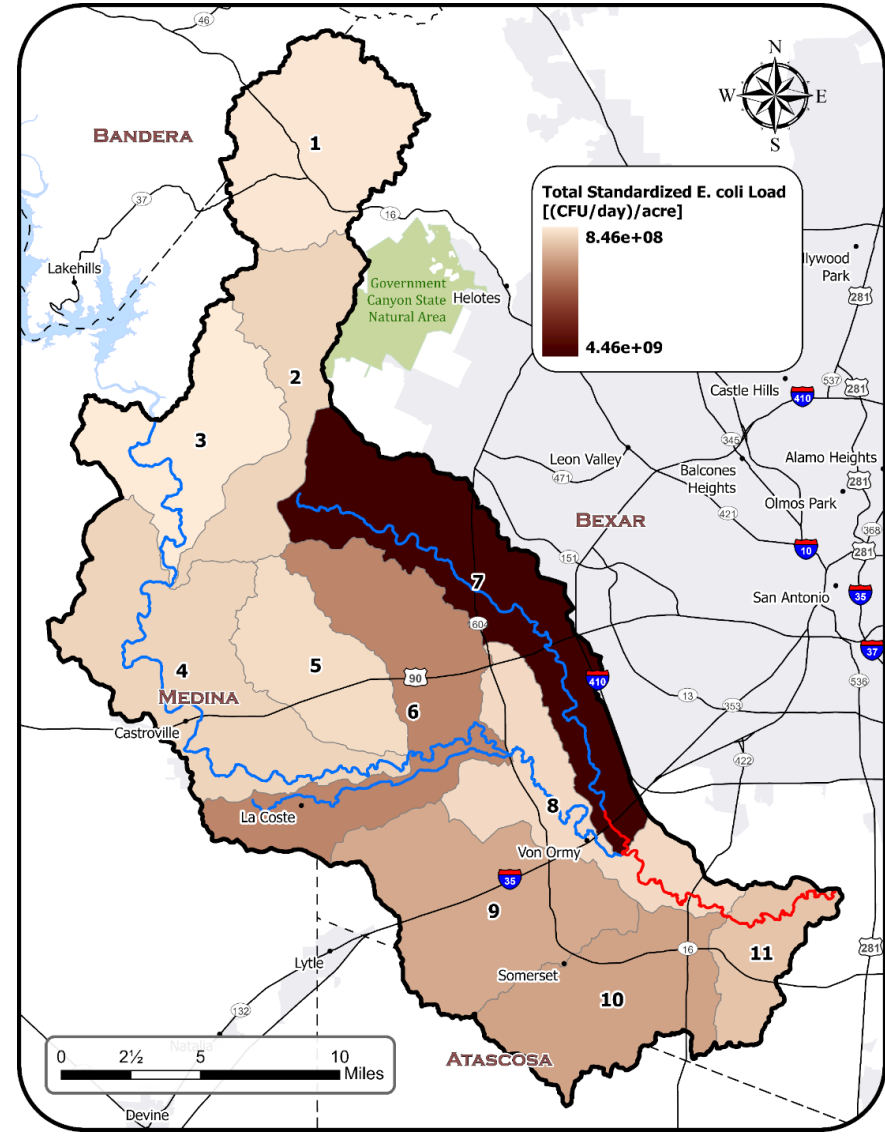
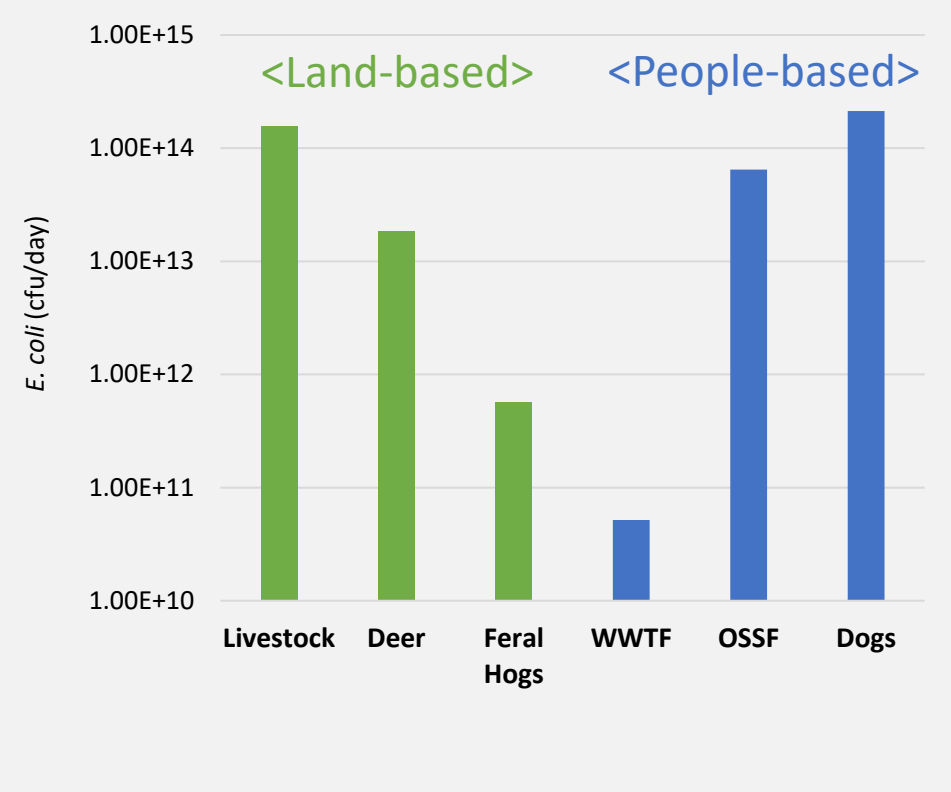
People-Based Sources

WWTFs

OSSFs

Dogs

Total Load from identified sources



Livestock

Conservation Plans

Water Quality Management Plans

Stocking Rates for Ag Valuation

Potential Partners

- ✓ NRCS
- ✓ TSSWCB / SWCDs
- ✓ Edwards Aquifer Authority
- ✓ Counties
- ✓ Others?

Example Practices

- ✓ Prescribed grazing
- ✓ Pasture and hay planting
- ✓ Alternative water sources
- ✓ Herbaceous weed treatment
- ✓ Riparian buffers, etc.


Full Implementation		
Total # Livestock	14,811	
Total Livestock Load (cfu/year)		5.27 +E16
# of Livestock Farms	662	
CP or WQMPs per year	12	
CP/WQMP Efficiency	75%	
Livestock Load Reduction (cfu/year)		7.16 +E14



Livestock

Conservation Plans

Water Quality Management Plans

		Load Reduction Scenarios		
	Load	Scenario 1	Scenario 2	 Scenario 3
Total # Livestock	14,811			
Total Livestock Load (cfu/year)	5.27×10^{16}			
# of Livestock Farms	662			
WQMPs per year		12	12	12
Conservation Plans per year		-	6	12
CP/WQMP Efficiency		75%	75%	75%
Livestock Load Reduction (cfu/year)		7.16×10^{14}	1.07×10^{15}	1.43×10^{15}

Scenario 1 = Scenario presented at 9/9/24 stakeholder meeting.

Scenario 3 = Add 12 NRCS Conservation Plans per year

Livestock

10-Year Implementation Strategy

Measure	Participation	Est. Cost per	Milestones # implemented in Years		
			1-3	4-6	7-10
Develop funding to hire WQMP technician	TSSWCB, SWCDs	Est. \$75,000 per year	1		
Develop, implement, and provide financial assistance for 240 livestock CPs and WQMPs	NRCS, TSSWCB, SWCDs, producers, landowners, lessees	Est. up to \$30,000 per plan	72	72	96
Deliver education and outreach information, programs and workshops to landowners, producers	AgriLife Extension, TWRI, Watershed Coordinator	\$4,000	1	1	1

Feral Hogs

Targeted education and removal

Potential Partners

- ✓ Tx Wildlife Damages Services
- ✓ NRCS / TSSWCB / SWCDs
- ✓ Counties, Cities, HOAs
- ✓ TAMU AgriLife
- ✓ Others?

Example Measures

- ✓ Targeted workshops
- ✓ Prevention strategies
- ✓ Trapping and removal
- ✓ Bounty programs
- ✓ ...

Full Implementation		
Total # Feral Hogs	6,146	
Total Feral Hog Load (cfu/year)		2.09 +E14
# of Hogs Removed/yr	500	
Feral Hog Load Reduction (cfu/year)		1.74 +E13



TEXAS A&M AGRILIFE EXTENSION
Hog Health & Control
Lone Star Healthy Streams
A WATER QUALITY PROGRAM

LSHS.TAMU.EDU MAY 16TH, 2024

LONE STAR HEALTHY STREAMS

A WATER QUALITY PROGRAM

Brazoria County AgriLife Auditorium
31007 CE 171
Angleton, TX 77515

1:00PM - 5:00PM
REGISTRATION BEGINS AT 12:30PM
Preregistration Required, Space is Limited

Workshop FREE to everyone
Light refreshments by:
Brazoria County AgriLife

Topics
Feral Hog Management
Grazing Management
On-Site Septic Sewage Management

Best Management Practices proven to help protect Texas waterways.
Participants will gain resources for technical and financial assistance.
This workshop will feature local partners and discuss efforts to improve water quality.

2 IPM CEUs

FREE Registration [Click Here](#)
For additional inquiries, call LSHS program 979-521-9560

Funding for this project is provided through a grant received by Lone Star IPM. We gratefully acknowledge our partners from the Texas State Soil and Water Conservation Board and the U.S. Environmental Protection Agency.

TEXAS STATE Soil & Water Conservation Service
TEXAS A&M NRI
USDA Natural Resources Conservation Service
TXBOLC

Feral Hogs

10-Year Implementation Strategy

Measure	Participation	Est. Cost per	Milestones # implemented in Years		
			1-3	4-6	7-10
Voluntarily construct fences around deer feeders to prevent feral hog utilization	Landowners, producers, lessees	\$300 per feeder	As many as possible		
Voluntarily trap/remove/shoot feral hogs to reduce numbers	Landowners, producers, lessees	TBD	500 hogs/year		
Develop and implement wildlife management plans and wildlife management practices	Landowners, producers, TPWD	TBD	As many as possible		
Deliver Feral Hog Education Workshop	AgriLife Extension, Texas Wildlife Services, TPWD	\$4,000 each	1	1	1

Wastewater Treatment Facilities

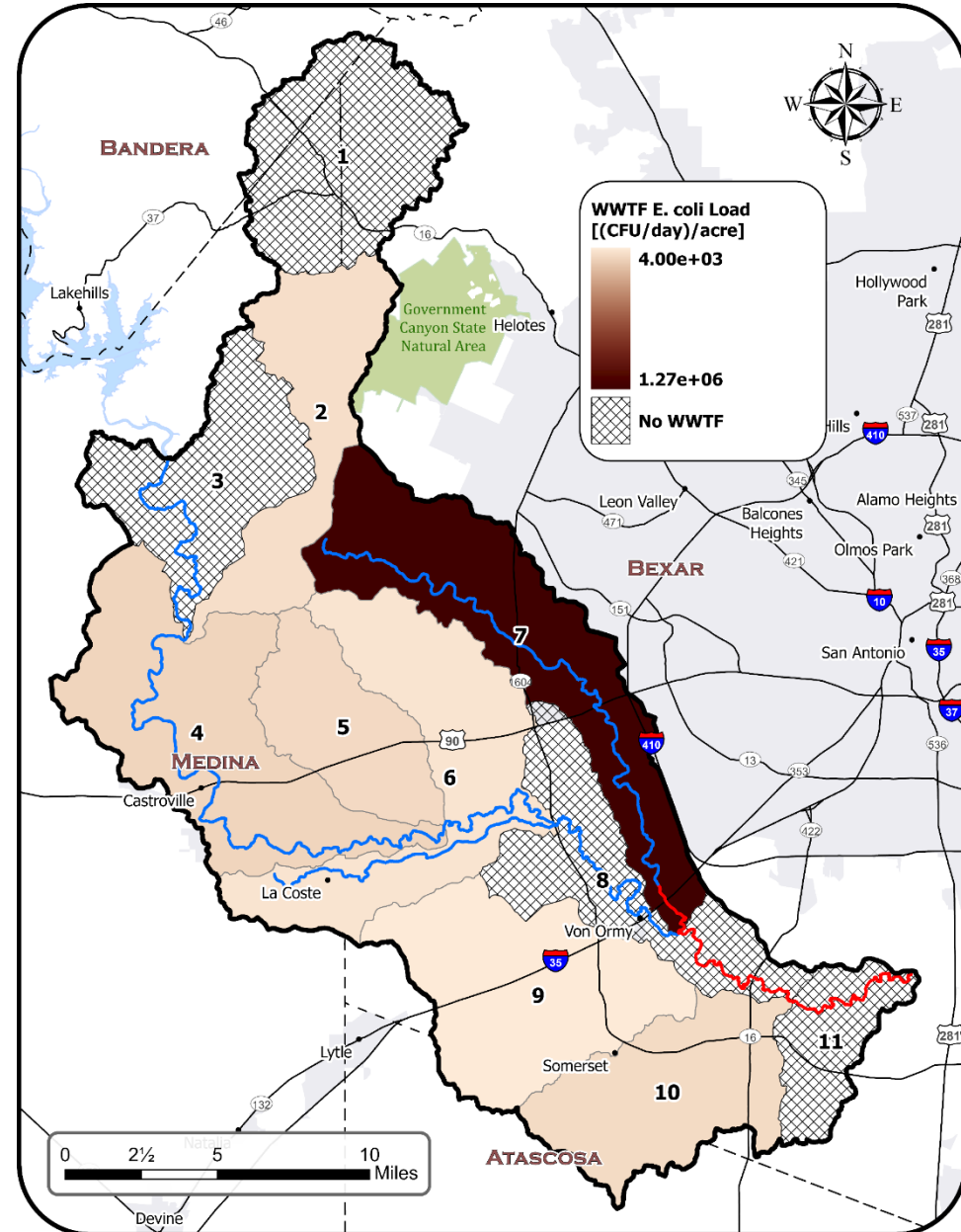
Good Housekeeping and planning for growth

Potential Partners

- ✓ Permittees
- ✓ Operators

Example Measures

- ✓ *Operator training*
- ✓ *Identifying SSO causes*
- ✓ *Collection system repairs or replacement*
- ✓ *Nutrient removal*
- ✓ *Others?*



SSOs and Unauthorized Discharges

10-Year Implementation Strategy

Measure	Participation	Est. Cost per	Milestones # implemented in Years		
			1-3	4-6	7-10
Identify and address recurring or high-volume SSOs to target for repair or replacement through CIP programs	Cities, Permittees, Operators	TBD	1		
Participate in the TCEQ Sanitary Sewer Overflow Initiative (SSO Initiative)	Publicly owned WWTF Permittees	N/A	1		
Identify potential resources to aid repair or replacement of WWTF collection system infrastructure.	Cities, Permittees, Watershed Coordinator	N/A	1		
Develop and deliver education material to residents and property owners	Cities, Permittees, AgriLife Extension, Watershed Coordinator	\$3,000	1	1	1
Identify operations and maintenance training needs, develop and deliver resources to appropriate staff as available.	Permittees, Operators	TBD	As identified, needed, funding available		

On-Site Sewage Facilities

Education, proper maintenance, repair or replacement

		Load Reduction Scenarios	
	Load	Scenario 1	★ Scenario 2
Total # OSSFs	13,733		
# Failing Systems	1,352		
Total Failing System Load (<i>cfu/year</i>)	2.36×10^{16}		
# of Failing Systems Addressed Through Education, Proper Maintenance, Repair or Replacement per year		25	60
<i>Medina Aerobic</i>		10	20
<i>Medina Conventional</i>		5	10
<i>Bexar – all</i>		5	20
<i>Atascosa Bandera – all</i>		5	10
OSSF Load Reduction (<i>cfu/year</i>)		4.34×10^{14}	1.04×10^{15}

Scenario 1 = Scenario presented at 9/9/24 stakeholder meeting.

Scenario 2 = Increasing total systems addressed to 50 (per stakeholder group), plus an additional 10 in Bexar County (per Bexar County)

On-Site Sewage Facilities

10-Year Implementation Strategy

Measure	Participation	Est. Cost per	# implemented in Years		
			1-3	4-6	7-10
Identify, inspect, and address 600 failing OSSFs over 10 years, as funding allows	Counties, contractors, homeowners	\$8,000 - \$12,000	180	180	240
Evaluate feasibility of connecting to existing or planned infrastructure	Counties, municipalities, homeowners	N/A	1		
Develop and deliver materials (postcards, websites, handouts, etc.) to educate homeowners	AgriLife Extension, TWRI, Watershed Coordinator	TBD	TBD		
Operate an OSSF education, outreach, and training program for installers, service providers and homeowners	AgriLife Extension, TWRI, Watershed Coordinator, Counties	\$4,000	1	1	1

Domestic Dogs

Targeted Education & Ordinances

Potential Partners

- ✓ Counties
- ✓ Cities, HOAs
- ✓ Others?

Example Measures

- ✓ Public education
- ✓ Pet waste stations
- ✓ Signage
- ✓ Ordinances
- ✓ Others?




Full Implementation		
Total # Dogs	67,781	
Total Dog Load (cfu/year)		7.79 E+16
% Owners picking up	25%	
% Time owners pick up	75%	
Dog Load Reduction (cfu/year)		1.46 E+16



Domestic Dogs

Targeted Education & Ordinances

		Load Reduction Scenarios			
	Scenario 1 Load	Scenario 1	Scenario 2	Scenario 3	 Scenario 4
Total # Dogs	67,781	50,384	50,384	50,384	50,384
Total Dog Load (cfu/year)	7.79×10^{16}	$5.79E+16$	$5.79E+16$	$5.79E+16$	$5.79E+16$
Ownership Rate		60%	44.6%	44.6%	44.6%
Dogs/Household		1.46	1.46	1.46	1.46
% Owners picking up		25%	25%	15%	15%
% Time owners pick up		75%	75%	50%	25%
Dog Load Reduction (cfu/year)		1.46×10^{16}	1.09×10^{16}	4.34×10^{15}	2.17×10^{15}

Scenario 1 = Scenario presented at 9/9/24 stakeholder meeting.

Scenario 2 = Reduce Ownership to AVMA 2022 rate of 44.6%

Scenario 3 = Scenario 2 plus reduce % Owners picking up to 15% and % Time to 50%

Scenario 4 = Scenario 3 plus reduce % Time to 25%

Domestic Dogs

10-Year Implementation Strategy

Measure	Participation	Est. Cost per	Milestones # implemented in Years		
			1-3	4-6	7-10
Install and provide maintenance supplies for pet waste stations	Cities, counties, homeowners, HOAs	\$3,500	5	10	10
Develop and provide educational resources to residents	Cities, Counties, AgriLife Extension and Research, HOAs, Watershed Coordinator	\$3,000	1	1	1
Develop and deliver educational programs for residents	AgriLife Extension, Watershed Coordinator	\$3,000	1	1	1

Load Reductions

Scenario 1

Needed* vs. Planned
(cfu/year)

Needed 3.84×10^{13}

Planned 1.58×10^{16}

*Medium & Low Flow categories
All subbasins

★ Combined Scenarios

Needed* vs. Planned
(cfu/year)

Needed 3.84×10^{13}

Planned 4.66×10^{15}

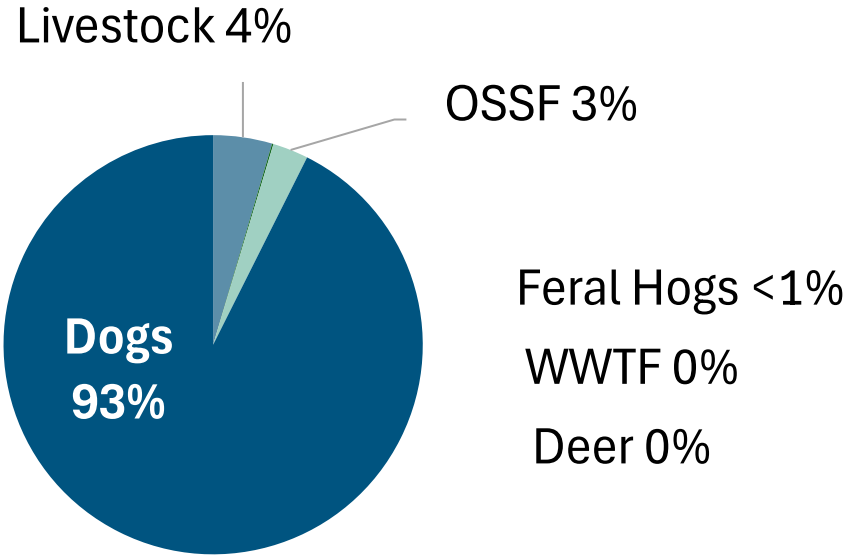
*Medium & Low Flow categories
All subbasins

Note: Due to a previously unknown error in TCEQ information, data from monitoring site 12813 has been removed from analysis and "Needed" reductions have been recalculated.

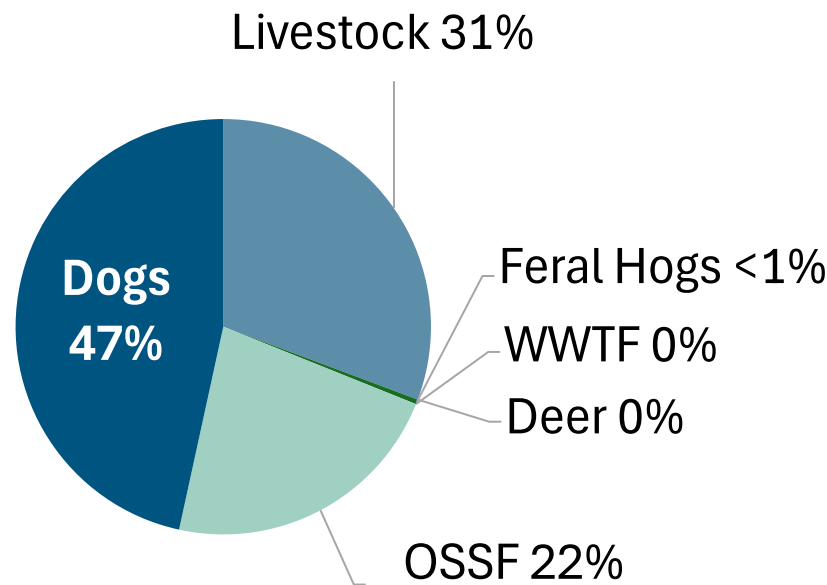
Previously, the "Needed" load reduction was 5.94×10^{13} . This change also reduces the overall target Load Reduction slightly, from 28% to 26%.

Portion of Load Reductions by Source

Scenario 1



★ Combined Scenarios



Scenario 1 = Scenario presented at 9/9/24 stakeholder meeting.

Combined Scenarios = Dogs Scenario 4; Livestock Scenario 3; OSSF Scenario 2

Implementation Milestones

Stormwater Management

			Milestones # implemented in Years		
Measure	Participation	Est. Cost per	1-3	4-6	7-10
Identify candidate locations and partners for installing GI/LID BMPs and nature-based solutions for managing stormwater	Cities, Counties, SARA, EAA, MS4s, Watershed Coordinator	N/A	As many as possible		
Develop plans and install GI/LID BMPs and nature-based solutions	Cities, Counties, SARA, EAA, MS4s	\$40,000 - \$100,000/ac	As identified, needed, funding available		
Identify and implement opportunities for demonstration projects to encourage use of GI/LID BMPs and nature-based solutions	SARA, MS4s, AgriLife Extension, Watershed Coordinator	\$40,000 - \$100,000/ac	As identified, needed, funding available		
Plan and deliver education and outreach programs for landowners, residents, developers, and decision-makers	SARA, MS4s, AgriLife Extension, Watershed Coordinator	\$4,000	1	1	1

Implementation Milestones

Riparian Restoration

Measure	Participation	Est. Cost per	Milestones # implemented in Years		
			1-3	4-6	7-10
Identify candidate locations and partners for restoration activities	TFS, Cities, Counties, SARA, EAA, MS4s, Watershed Coordinator	N/A	As many as possible		
Develop plans and conduct riparian restoration activities at priority locations	TFS, Cities, Counties, SARA, EAA, Watershed Coordinator	TBD	As identified, needed, funding available		
Plan and deliver riparian education and outreach programs	TFS, Cities, Counties, SARA, AgriLife Extension, Watershed Coordinator	\$4,000	1	0	1

Implementation Milestones

Stream Restoration

Measure	Participation	Est. Cost per	Milestones # implemented in Years		
			1-3	4-6	7-10
Identify candidate locations and partners for stream restoration, rehabilitation, or preservation	Cities, Counties, SARA, EAA, MS4s, Watershed Coordinator	N/A	As many as possible		
Develop plans and install restoration or rehabilitation features	Cities, Counties, SARA, EAA	TBD	As identified, needed, funding available		
Plan and deliver education and outreach programs for landowners, residents, developers, and decision-makers	SARA, AgriLife Extension, Watershed Coordinator	\$4,000	1	1	1

Implementation Milestones

Illicit Dumping

Measure	Participation	Est. Cost per	Milestones # implemented in Years		
			1-3	4-6	7-10
Organize hazardous waste collection events	Counties, cities, watershed coordinator	TBD	1	1	1
Develop and deliver educational and outreach materials to residents	Counties, cities, SARA MS4 permittees, watershed coordinator	\$3,000	1	1	1

Education & Outreach Planning

Goals & Messaging
Needs & Implementation

Public & Stakeholder meetings
Educational Programs
Demonstration Projects
Community Outreach
Watershed Coordinator

Medina River WPP

Education & Outreach Goals

- Enhance public awareness and understanding of the project
- Encourage changes in behavior that support watershed goals.
- Promote adoption of management measures
- Ensure sustainability of the watershed plan

WHO...

Adults

- Capable of taking action and changing behavior
- May be busy, uninformed, distracted, apathetic
- May be focused on trending environmental issues such as safe drinking water, flooding, air quality, etc.

Youth

- Potential influence on parents, family, & friends
- May be uninformed, distracted
- May be focused on trending environmental issues delivered via social media, such as climate change, plastics & trash in oceans, etc.

Urban Residents

- Limited, if any, time in nature or first-hand connection to the environment

Rural Residents

- Various opportunities for time in nature
- Potential first-hand or cultural connection to the environment

WHAT...

The Message...

Clean and healthy streams and lakes

- ✓ support a healthy environment
- ✓ can be restored through changes in behavior
- ✓ can be sustained by community actions and protection
- ✓ provide critical services to people and communities
- ✓ are economically important to the community



WHEN & WHERE

Stakeholder Meetings

- *Invited speakers, fun events*

Targeted Outreach & Trainings

General Watershed Outreach & Education

Watershed Coordinator

- *works with stakeholders and the community to identify and coordinate events & resources.*



Print & e-Media

- Newsletters, videos, iNaturalist, social media

Community Outreach Events

- *Displays, competitions, demonstrations*
- *Community organizations, churches, HOAs*

Volunteer Engagement

- *Cleanups, Stream Team, Scouts, TMN, BioBlitz*

Educational Signage

Youth Education Programs

- *Integrate w/school or extracurricular (4-H) programs*
- *Outdoor and hands-on experiences*

Watershed tours & Land Management Demonstration Projects

Technical & Financial Resources

The bottom of the slide features a decorative graphic consisting of several overlapping, wavy lines in various shades of blue and white, creating a sense of movement and depth.

Technical Assistance

Management Measure	Potential Technical Assistance
Livestock WQMPs, CPs	TSSWCB, SWCDs, NRCS, EAA
Feral Hog management	AgriLife Extension, NRCS, TPWD, TSSWCB
Reduce SSOs	Cities, Permittees, Operators, TCEQ, Engineering firms
OSSFs	Counties, AgriLife Extension
Dog waste management	Cities, Counties, AgriLife Extension, MS4
Illicit dumping	Cities, Counties, MS4, SARA
Riparian management	SARA, Tx Forest Service, AgriLife Extension
Stormwater management, GI/LID	SARA, Engineering firms, Cities, Counties, MS4
Stream Restoration	SARA, Engineering firms, Cities, Counties
Land Conservation	NRCS, TPWD, EAA, City of San Antonio, Land Trusts, Department of Defense (REPI Program)

Financial Resources

Federal

- ✓ EPA CWA §319 Nonpoint Source grant
- ✓ EPA Environmental Education grants
- ✓ EPA Urban Water Small Grants
- ✓ HUD Community Development Block grants
- ✓ USDA-FSA CRP, AWEP
- ✓ USDA-NRCS EQIP, CSP, NWQI, RCPP
- ✓ USDA Rural Development

State

- ✓ TCEQ & TSSWCB State Nonpoint Source grants
- ✓ TCEQ §106 Water Pollution Control grants
- ✓ TCEQ Clean Rivers Program
- ✓ TCEQ Supplemental Environmental Projects
- ✓ TWDB Agricultural Water Conservation Program
- ✓ TWDB Clean Water State Revolving Fund
- ✓ TPWD Landowner Incentive Program
- ✓ TPWD Community Outdoor Outreach Program (COOP)
- ✓ TPWD Tx Farm & Ranch Lands Conservation Program
- ✓ TAMU AgriLife Texas Wildlife Services
- ✓ TWRI ACCESS (Active Community and Citizen Education for Science and Stewardship)

Financial Resources

Other Sources

Private Foundations

- ✓ Cynthia and George Mitchell Foundation
- ✓ Dixon Water Foundation
- ✓ Meadows Foundation

Local industries

- ✓ Toyota Sustainability Program
Communities Grant

Land Trusts & Non-profits

- ✓ Green Spaces Alliance
- ✓ Hill Country Alliance
- ✓ Texas Agricultural Land Trust
- ✓ Texas Wildlife Association

Current NPS §319 Grant

- ✓ ends Oct 2025
- ✓ 2 trainings remaining

Proposed NPS §319 Grant

- ✓ Nov '25-Oct'27
- ✓ 2 trainings per year

Measures of Success

Water Quality Targets
Implementation Milestones

Water Quality Targets

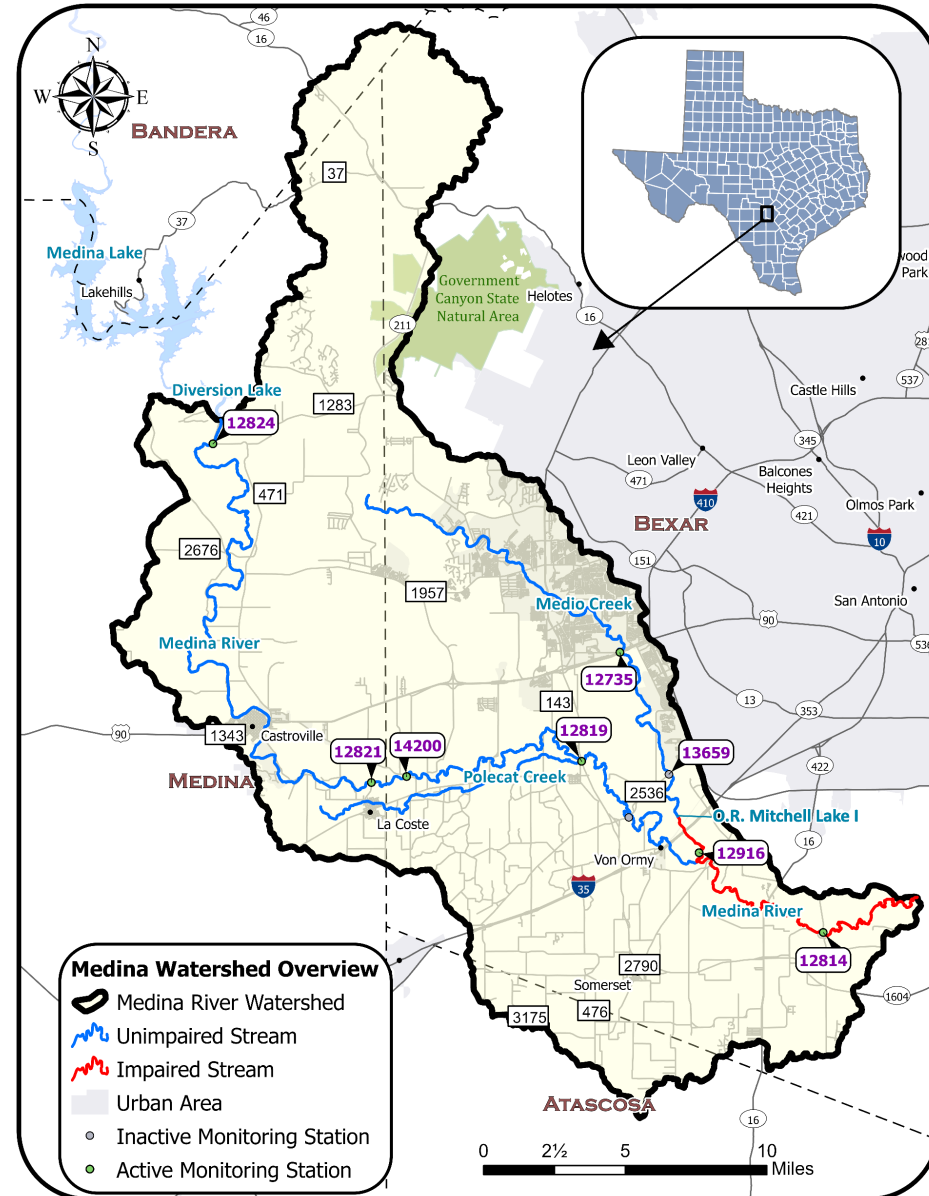
Year	Medina R Station 12814	Medio Crk Station 12916
2022*	223	175
Year 0	223	175
Year 5	175	151
Year 10	126	126

E. Coli targets are expressed as cfu/100mL

*Baseline. Last year of data used in 2024 Draft IR Assessment.

Progress toward water quality target is expected to begin after implementation starts (Year 0).

Achievement will be determined based on water quality conditions described in the most recent TCEQ IR.



Data Review

Evaluate assessment results published in the TCEQ Integrated Report (IR)

- ✓ Published every 2 years
- ✓ Assesses most recent 7 years of E. coli data
- ✓ Used by TCEQ to determine impairment status
- ✓ Data were used in WPP to calculate E. coli loads and reductions
- ✓ Will be 5 IR cycles during WPP implementation

Seg ID: 1903 - Medina River Below Medina Diversion Lake					
AU ID: 1903_03					
Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed
Nitrate	12/01/15	11/30/22	10	121	1.96
E. coli	12/01/15	11/30/22	126	41	222.51

Adaptive Management

The intentional approach to making decisions and adjustments based on new information and changes in context.

- ✓ Allows stakeholders to reevaluate implementation plans in the face of changing circumstances.
- ✓ Necessary due to dynamic nature of watersheds and natural systems.

WPP Review Process

- ✓ Review progress toward targets every 2 years (w/new TCEQ IR).
- ✓ Review WPP every 5 years to assess whether significant changes need to be made.

Thank You!

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<https://medina.twri.tamu.edu/>

AGENDA:

- Review Management Measure Scenarios
- Education & Outreach Planning
- Implementation Planning

Overview of Project

Provided brief overview of planning process to date for new meeting attendees

- WPP outline
- Meetings held to date
- Clarified for new meeting attendees that the goal of the WPP is to assist stakeholders in developing strategies and measures to reduce E. coli bacteria in streams sufficient to meet state water criteria to support recreational activities such as swimming and wading. Clarified that the project does not include strategies or recommendations related to water supply or how water is used in the watershed.

Loads and Management Sources Reviewed

- Human-based sources - OSSFs, WWTFs, Dogs
- Land-based sources - livestock, deer, feral hogs
 - Acknowledged inability to account for all sources: raccoons, opossums, etc.

Livestock

- Conservation/water quality management planning
 - Implement conservation practices to keep water on the landscape rather than letting it run off
- NRCS indicated that they could do more CPs than currently; increase to 12 per year
- WQMPs already at 12 per year
- Outlined implementation strategy, targets, timeline, costs for livestock plans
- WQMP technician noted in implementation table is in addition to personnel already working in SWCDS/counties with associated costs

Feral Hogs

- Kept hog removal goal of 500/yr
- Trapping & other removal, fencing to exclude, management plans, education programs, etc.
- Costs estimates are TBD due to widely varying costs, milestones as many as possible

WWTFs (including SSOs)

- WWTFs doing a good job already
- Not much additional effort aside from continuing to adhere to permits
 - Participate in SSO Initiative where appropriate
- Continued E&O for system customers - minimize SSOs
- Continue training needed for operators

OSSFs

- Updated management recommendation to higher level
 - Largely addressed thru additional education and proper maintenance
 - From 25 annually up to 60 annually
 - Numbers look good for folks in attendance.
- Clarify that proper maintenance, repair, and replacement would have very different costs.

Dogs

- Reduced dog density at direction of watershed stakeholders - lower ownership rate.
- Reduced effectiveness of education on dog waste removal - numbers were overly ambitious.
- Number of waste stations are appropriate, but may need to be adjusted over time
 - Regional parks likely have stations already; smaller parks & public spaces likely don't.
- Add watershed coordinator to the Dogs participation list.

Total Load Reduction updates

- Reduced planned reductions with changes to dog estimates.
- Improved distribution of reduction between sources from original estimate.
- New % distributions liked better by the group.

Stormwater Management

- Capitalize on existing city, county, SARA, EAA, JBSA programs/projects to reduce stormwater runoff.
 - Address stormwater and include E&O opportunities in the process.
 - Provide E&O resources to influence future development activity.

Riparian Restoration

- Update to 1 riparian program per 3 year period.
 - Will this saturate the market though?
 - NRCS/SWCDs can provide support for these efforts,
 - Planting, grazing management planning, cross fencing, etc.

Stream Restoration

- Physical restoration in the stream channel itself.
- SARA has done a good bit of work in the region, not necessarily in the watershed.
- Add NRCS/SWCDs to participants for coordination, assistance.

Illicit Dumping

- Organize events and deliver educational programs to reduce illegal dumping.
- Implement additional collection/education programs .
 - Add to what is already going on.
- Medina County has paid about \$30k for Hazardous Household Waste collection events.
- Bexar county already does these.
 - Coordinate efforts to have them in watershed periodically,
 - Or at least open to watershed residents.

Education & Outreach Planning

- Goals to enhance public awareness of connections between waters and what people do on the land.
- Goals to change behavior and adopt management measures to improve water quality.
- Focus on adults as capable of action and behavior change; youth as potential influence on adults.
- Consider Urban and Rural residents' differing experiences and knowledge of how natural systems work.
- Messaging around the benefits of a healthy watershed and water quality; effects of behavioral change; balancing benefits with economics.
- Education can take the form of presentations at community events and gatherings; trainings for target stakeholders; signage; tours and demonstration projects.

Technical & Financial Resources

- Identified entities that could be of assistance to meet needs identified in the WPP.
- Technical assistance providers are generally government entities with expertise in particular areas.
- Financial assistance providers may be federal, state, local/regional, nonprofit/foundations,
 - Include new corporate/industries in watershed and their sustainability programs, e.g. Microsoft.
- Current NPS grant ends Oct 2025; Proposed NPS grant (if selected) would be Nov '25-Oct'27; 2 additional educational events funded under current & 2 educational events/year under proposed.

Water Quality Targets

- Water quality reported in Integrated Report would be used as "report card" to indicate if WPP is on track to meeting goal of restoring water quality.
- TCEQ Integrated Report and assessment data will be used in any interim reviews.
- TCEQ assessment method accounts for periods of extreme flows or droughts.

Adaptive Management

- Review progress toward water quality goals every 2 years.
- Review WPP and implementation milestones every 5 years.
 - Revise WPP as/if needed

Guest, Cindi McGinley, Ag Appraiser for the Medina County Appraisal District

- Provided an overview of Guidelines for Ag valuation procedures.
- Appraisal district takes WQMP/CPs in consideration when determining if ag valuation is feasible.

Next Steps

- Meeting notes and presentation will be posted to website <https://medina.twri.tamu.edu/> in next few days.
- Next Meeting, November 19th, 1-3pm at Braden Keller Community Center.
- Agenda will cover WPP Chapter review comments and include guest speaker(s) to talk about new Camp Bullis Sentinel Landscape Regional Conservation Partnership Program (RCPP). Applications are being accepted until November 21st. See [website](#) and attached flyer for more information.

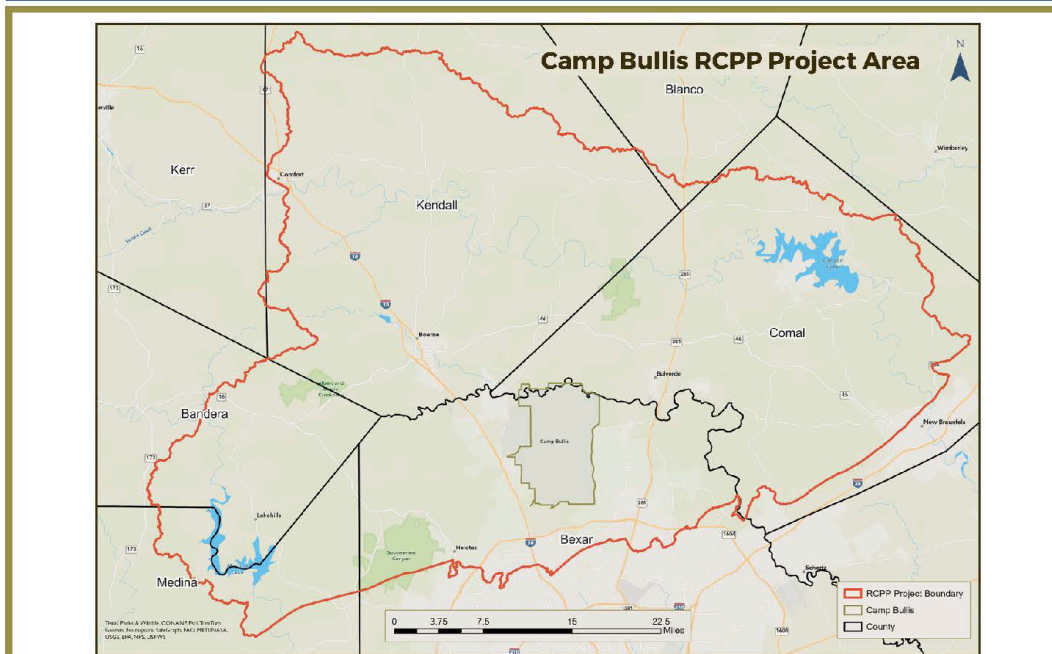
Funding for this project is provided by the Texas State Soil and Water Conservation Board through a Clean Water Act Section 319(h) Grant from the U.S. Environmental Protection Agency.

CAMP BULLIS REGIONAL CONSERVATION PARTNERSHIP PROGRAM

CONSERVATION EASEMENT FUNDING

The Camp Bullis Regional Conservation Partnership Program (RCPP) is seeking voluntary landowners interested in permanently protecting their natural resources and agricultural lands from development with a tailored conservation easement. Agriculture, wildlife habitat, and open spaces are compatible land uses that protect the mission and training capabilities of Joint Base San Antonio - Camp Bullis.

\$1.9 million in funding is available for conservation easements, which conserve water resources, agricultural productivity, wildlife habitat, and dark skies.



WHO CAN APPLY?

Within the project area, private landowners interested in preserving their property in perpetuity can apply. Funding is limited. Priority will be based on proximity to Camp Bullis, development threat, connectivity to other conserved lands, and ecologically important elements like waterways and karst features.



APPLY

APPLICATIONS ACCEPTED
OCTOBER 11 – NOVEMBER 21

LEARN MORE

CampBullisRCPP.nri.tamu.edu

