

Update on the Geronimo and Alligator Creeks Watershed Protection Plan



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Water Quality

- Geronimo Creek was listed on the 2006 303(d) list for not supporting its contact recreation use
 - 2008 assessment, *E. coli* geomean of 162 cfu/100mL
- Geronimo Creek was first listed in 2000 for concern for nutrient enrichment
 - 2008 assessment, all 60 samples exceeded 1.95 mg/L nitrate-nitrogen



Funding

- GBRA received grant funding from the Texas State Soil and Water Conservation Board
- GBRA subcontracted to:
 - AgriLife Extension and AgriLife Research to assist with project components



Steering Committee

- Formation of a Steering Committee that represents the various interests in the watershed
- Steering Committee members assisted with the development of the Watershed Protection Plan and the resulting implementation through formation of work groups



Urban Nonpoint Source Work Group



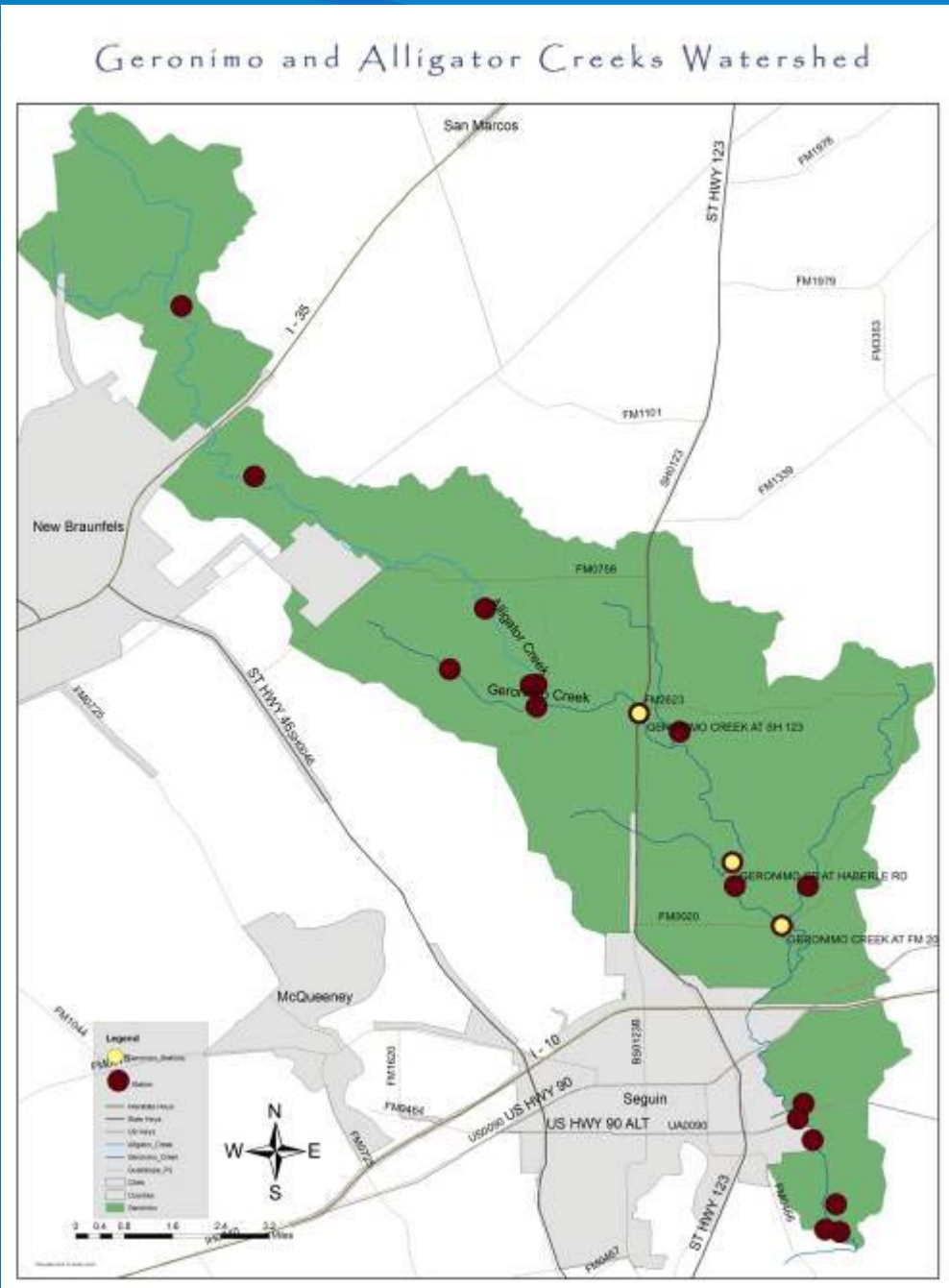
Agricultural Nonpoint Source Work Group



Wastewater Infrastructure Work Group



Targeted Water Quality Sites on Geronimo and Alligator Creeks



Management Measures

- Urban nonpoint sources
 - Stormwater runoff, dog waste
- Wastewater nonpoint sources
 - Septic systems
- Agricultural nonpoint sources
 - Cattle, horses, goats, feral hogs



Updates – Urban Management Measures

- City of Seguin Pet Spay/Neuter Program – PetSmart Charities provided a grant to Seguin
- Costs range from \$15 to \$50, depending on weight and type of the animal
- Applications are available at Seguin City Hall and Seguin Animal Services

Update - Wastewater Management Measures

- Oak Village North Septic System Decommissioning Grant
 - Grant proposal to TCEQ has completed final edits by the City of Seguin and was resubmitted to TCEQ
 - Will be submitted by TCEQ to EPA this Spring
- Planning to bring homeowner septic training courses fall 2013

Agricultural Management Measures

- Submitted a grant proposal to TSSWCB to create a new position for the Comal-Guadalupe SWCD to assist agricultural producers with design and implementation of WQMPs



Agricultural Management Measures

- Develop Water Quality Management Plans for livestock and cropland operations in the watershed
- WQMPs are voluntary, site-specific management plans for individual farm and ranch operations

County	Subwatershed	Animal Units	Number of Farms	Recommended # of WQMPs
Comal	1	54	2	1
Guadalupe	2	126	4	1
	3	128	4	1
	4	249	8	2
	5	149	5	1

Feral Hog Control

- Jared Timmons has begun to assist with feral hog management in the Geronimo and Alligator Creeks watershed
- He will work directly with landowners to remove animals from the watershed
- Organize and conduct annual feral hog education workshops for landowners and managers



First Annual Stream Cleanup Event

- Cleanup Event is scheduled for April 6th
- Event will begin at 9am
- One staging location will be at Navarro HS in Geronimo
 - Here crews will receive instructions, safety talk, supplies, light breakfast
 - Crews will be sent out to collect trash
 - Leave trash and reusable supplies at cleanup sites

Supplies Provided

- Light breakfast, juice, coffee, donuts, water
- Unlimited supply of bags
- Limited supply of gloves
- Limited supply of pickup tools
- Disposable cameras
- Hand sanitizer, bug spray
- Lots of ENTHUSIASM!

Cleanup Locations

- Oak Village North
- River Springs
- TLU sampling location
- Stormwater Detention Pond behind Creekside
- Subdivision in Alligator Creek
- Road Crossing at FM 1101 – Alligator Creek
- Geronimo Creek from Laubach to FM 20
- Unnamed trib at Laubach Road
- Geronimo Creek at Walnut
- Private Lands

Marketing

- Community Calendars
- Press releases
- Radio
- Email

Groups Contacted

- TLU students
- Navarro students
- Seguin HS students
- Boy Scouts
- Girl Scouts
- Geronimo Lions Club
- City of New Braunfels
- City of Seguin
- Comal County
- Guadalupe County
- GC Watershed Partnership
- 4-H
- Seguin Outdoor Learning Center
- Wal-Mart Distribution
- CASE
- Alamo Group

Assistance Needed

- Bring:
 - Gloves
 - Dress appropriate for weather that day (hat, sunscreen, boots, pants/long sleeve, etc)
 - Your own ENTHUSIASM!
- Please provide your email/contact information on the meeting sign in sheet to be kept informed
- Trucks with trailers to transport trash to rolloff boxes
- Help at rolloff boxes to separate tires
- Sponsorship

Recognition

- Sponsorships
 - Gold Level: \$150 or more – Name/logo on event t-shirt, gift bag, and framed certificate of appreciation
 - Silver Level: \$50 to \$149 – Name/logo on event t-shirt and certificate of appreciation
 - Bronze Level: \$49 and under – Certificate of appreciation
- Awards for participants
 - Most trash picked up/crew
 - Most unusual piece of trash
 - Least amount of trash picked up/crew
 - Biggest improvement seen

Event T-Shirts

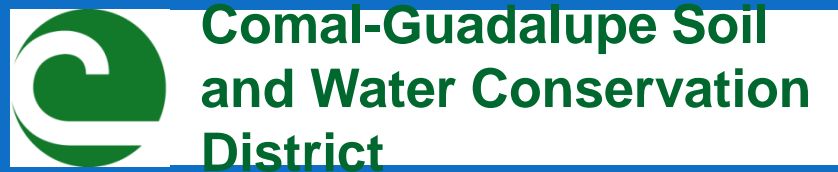
- T-shirt Design Contest
- Event Logo
- Sponsor's Logos
- Limited number
- Funded by sponsorships

Upcoming Events

- Cleanup planning meetings Thursday, March 7 and March 21, 6pm at the River Annex
- Cleanup event April 6th at Navarro High School



Project Partners



Thank You!

Questions, comments, and discussion



Contact Information

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