

The Geronimo and Alligator Creeks Watershed Protection Plan



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Texas A&M AgriLife Extension



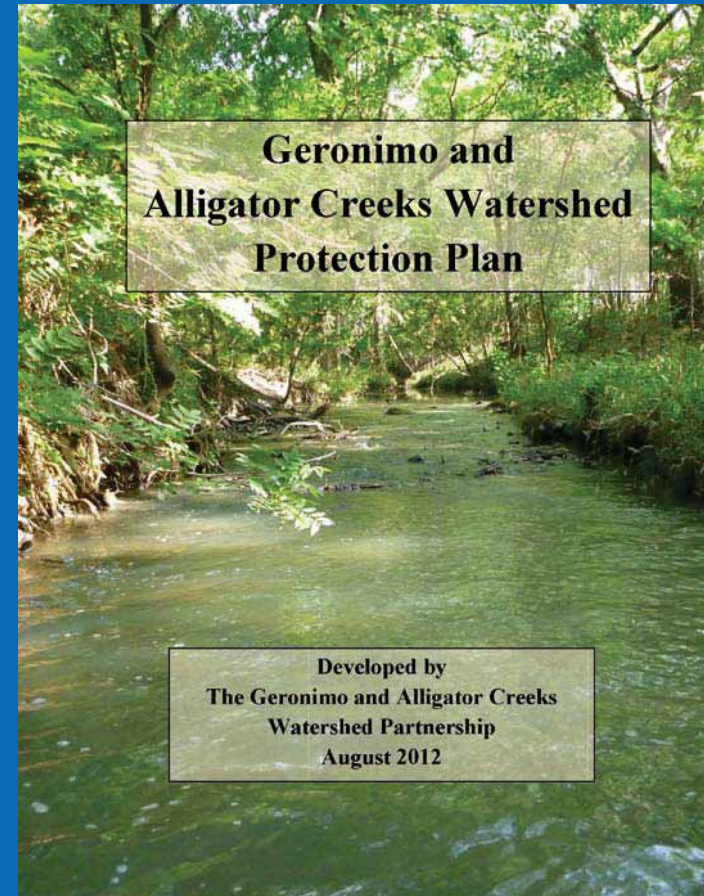
Water Quality

- Geronimo Creek was listed on the 2006 303(d) list for not supporting its contact recreation use
- Geronimo Creek was first listed in 2000 for concern for nutrient enrichment



What is the Geronimo and Alligator Creeks Watershed Protection Plan?

- A community-driven, voluntary management plan developed to solve complex water quality problems
- The purpose is to restore and protect the creeks
- It relies heavily on stakeholder involvement at the local level



Where is it coming from?

- The impairment is the result of loading from nonpoint sources:
 - Urban: dog waste, urban runoff
 - Agricultural: livestock, feral hogs, wildlife
 - Wastewater: septic systems



Recent Events

- Smart Growth Workshop
- Homeowner Septic System Maintenance Classes
- Second Annual Creek Clean Up Event
- Feral Hog Workshop
- Lone Star Healthy Streams Workshop



Smart Growth Workshop

- Low Impact Development techniques – better than conventional structures and management of stormwater which has an improved impact on surface water, both quality and quantity



Homeowner Septic System Maintenance Classes

- Classes conducted Nov 2013 and April 2014
- Two types of classes conducted
 - 2 hr basic overview class (materials on project website)
 - 6 hr in-depth class on aerobic systems
- Comal and Guadalupe County homeowners with aerobic systems are required to have a maintenance contract for first 2 years
 - After that time, Guadalupe County homeowners can be certified or must have a maintenance contract

Fall Classes

- Monday, November 10
6:00p to 8:00p, GBRA River Annex
- Tuesday, November 11
9:30a to 3:30p, NBU Service Center
- Potentially those taking the 6 hr class will receive certification to maintain their own aerobic systems (Guadalupe County requirement)



Creek Clean Up Event

- Prior to the event, volunteers used the online sign up form
- Day of the event, all necessary equipment was provided
- Water bottles, breakfast tacos, and T-shirts were distributed
- Guadalupe County Master Naturalists presented educational presentations to many of the clean up crews – took “an educational fair to the crews”



Sponsors

- Cities of New Braunfels and Seguin
 - Alamo Group
 - Continental Corporation
 - Geronimo Creek Retreat
 - Geronimo Lions Club
 - Guadalupe County Commissioner Seidenberger
 - Guadalupe-Blanco River Authority
 - HEB
 - Liz Sedlacek
 - New Braunfels Herald-Zeitung
 - Robin and Bill Walker
 - Seguin Daily News KWED
 - Seguin Gazette
 - Spirit of Joy Lutheran Church
 - Texas A&M AgriLife Extension
 - Thrivent Financial for Lutherans
- 



Coverage

- 22 locations covering 17 miles of roadways and creek banks
- Over 230 volunteers participated
- Volunteers met at one of three locations











Results

- Volunteers collected over 7,000 pounds of trash
- Cities of New Braunfels and Seguin donated disposal and recycling of all materials collected
- Residents have a greater awareness of area creeks
- Great response from area businesses and groups



Feral Hog Workshop

- Extension conducted the first Feral Hog Workshop in the watershed with over 50 attending
- Feral hog biology, populations, laws and regulations, safety and disease concerns, control measures, and trap demonstrations
- 4 TDA CEUs for commercial, non-commercial & private applicators
- This will become an annual event



Lone Star Healthy Streams Workshop

- June 5 at The Texas Agricultural Education and Heritage Center
- Over 30 attendees heard about how to protect Texas' surface water from bacterial contamination from livestock, horses, and feral hogs
- 3 TDA CEUs for pesticide applicators

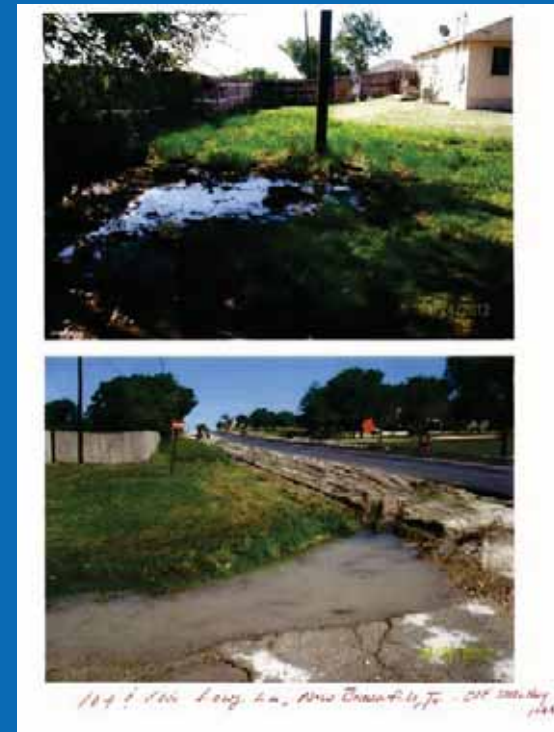


Ongoing Projects

- Septic System Decommissioning Project
- Irma Lewis Seguin Outdoor Learning Center Project
- Isotope Study
- Comal-Guadalupe SWCD District Technician

Decommissioning Project

- Fund decommissioning costs that the homeowners would be responsible for
- Estimated average cost of \$1,500 to decommission a septic system
 - Pump contents of septic tank
 - Remove the tank cover
 - Fill tank with sand/gravel
- Decommissioning is a state requirement



City of Seguin

- Seguin has a website:
http://www.seguintexas.gov/public_works/detail/capital_projects/
- City of Seguin produces a newsletter every 2 weeks
- FAQ page and online form for submitting questions and construction maps of the project

**Geronimo Creek Sewer Project
Phase V
Oak Village North Subdivision**

PROJECT UPDATE

SATURDAY, MAY 21st
WEEK SCHEDULED
Crews will be grading the drainage areas behind the back of curb and installing the concrete the front of the transfer station.

WEEK OF JUNE 2nd - JUNE 6th
Grade and spread gravel behind the curb to prepare for soil placement.
Make multiple trips to give concrete 28-day cure.
Grade the entrance at Marquette Street and continue cleanup of the staging area.

REMINDERS
For the safety of the neighborhood and workers, please drive with caution and adhere to all driveway and barricades.
To ensure regularly scheduled garbage and so on curbside pick up, customers should be placed out the night before or prior to 6:00 a.m. the morning of collection. Programs that adjusted their trash schedule due to the construction and there were not curbside or trash, if your trash or recycling is missed, please call 281-654-2776 or 281-654-2767, as soon as possible. If additional curbside pickup is needed for a missed pickup, please call 281-654-2767 or 281-654-2768.

CONTACT NATE GARZA at
ngarza@seguintexas.gov

**TO DISCUSS
SPRINKLER SYSTEM
and/or
BLOCK MAILBOX
REPAIRS**

Reminders will be handled on a case-by-case basis.

REMINDERS
For more information contact:
Planning/Codes (870) 401-2305

To file a claim contact:
Capital Projects (870) 401-2776

If you receive this newsletter by regular mail and would prefer to receive via email, please provide your email to planning@seguintexas.gov

All emails will remain confidential.

Irma Lewis Seguin Outdoor Learning Center Project

- Collaboration between GBRA, Texas A&M AgriLife, and the Irma Lewis Seguin Outdoor Learning Center
- Combines technology with on-the-ground demonstrations and outdoor education on LID techniques



Isotope Study

- GBRA and USGS will attempt to identify the source of nitrates in the groundwater and surface water in the Geronimo and Alligator Creeks Watershed and Plum Creek Watershed
- Possible sources:
 - Fertilizers
 - Septic systems
 - Animal waste
 - Nitrifying plants
 - Atmospheric deposition



District Technician

- Comal-Guadalupe SWCD District Technician assists agricultural producers with development and implementation of Water Quality Management Plans



Upcoming Opportunities

- Homeowner Septic System Maintenance Workshops
- Spring 2015 soil and water testing campaign
- Turf grass management workshop Spring 2015
- Quarterly newsletter
- Quarterly Partnership meetings
- Annual Clean Up Event





Barrels


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★ Many Barrels and Totes (seguin)



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I have different sizes of metal and plastic barrels. Also have 275 gallon plastic totes. These are all food safe. Call 830-660-887four. Thanks for looking!
No emails please. [📧](#)

- do NOT contact me with unsolicited services [🚫 offers](#)

post id: 4607248857 posted: 21 days ago updated: 5 hours ago [email to friend](#) [best of](#)

[Avoid scams .deal locally.](#) Beware wiring (e.g. Western Union), cashier checks, money orders, shipping

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★ Rain Barrels w/ Spigot & Screen - S40 (East Austin)



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FM 969
(google.map) (yahoo.map)

condition: **good**
size / dimensions: **55 Gallons**

Natural rainwater is better for plants than processed, chlorinated water which can have other chemicals and unknown additives. Now you can harvest FREE rainwater from your own roof. Rain barrels are IDEAL for watering your plants, trees, shrubs, etc.

You probably didn't know that if you have a 1400 square-foot house and collected water from just 25% of your total roof, it would take only 1/4" of rain to give you 55 gallons of water! With this in mind, you may want 2, 3 or more rain barrels to take full advantage of each rain opportunity when it comes.

Features of these rain barrels:

- (1) Made from food-grade containers.
- (2) Interior has been rinsed out, exterior has been washed off.
- (3) 4" inlet on top for rain water entry; covered with screen to keep out leaves, mosquitoes, and other insects.

Thank You!

Questions and comments

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