

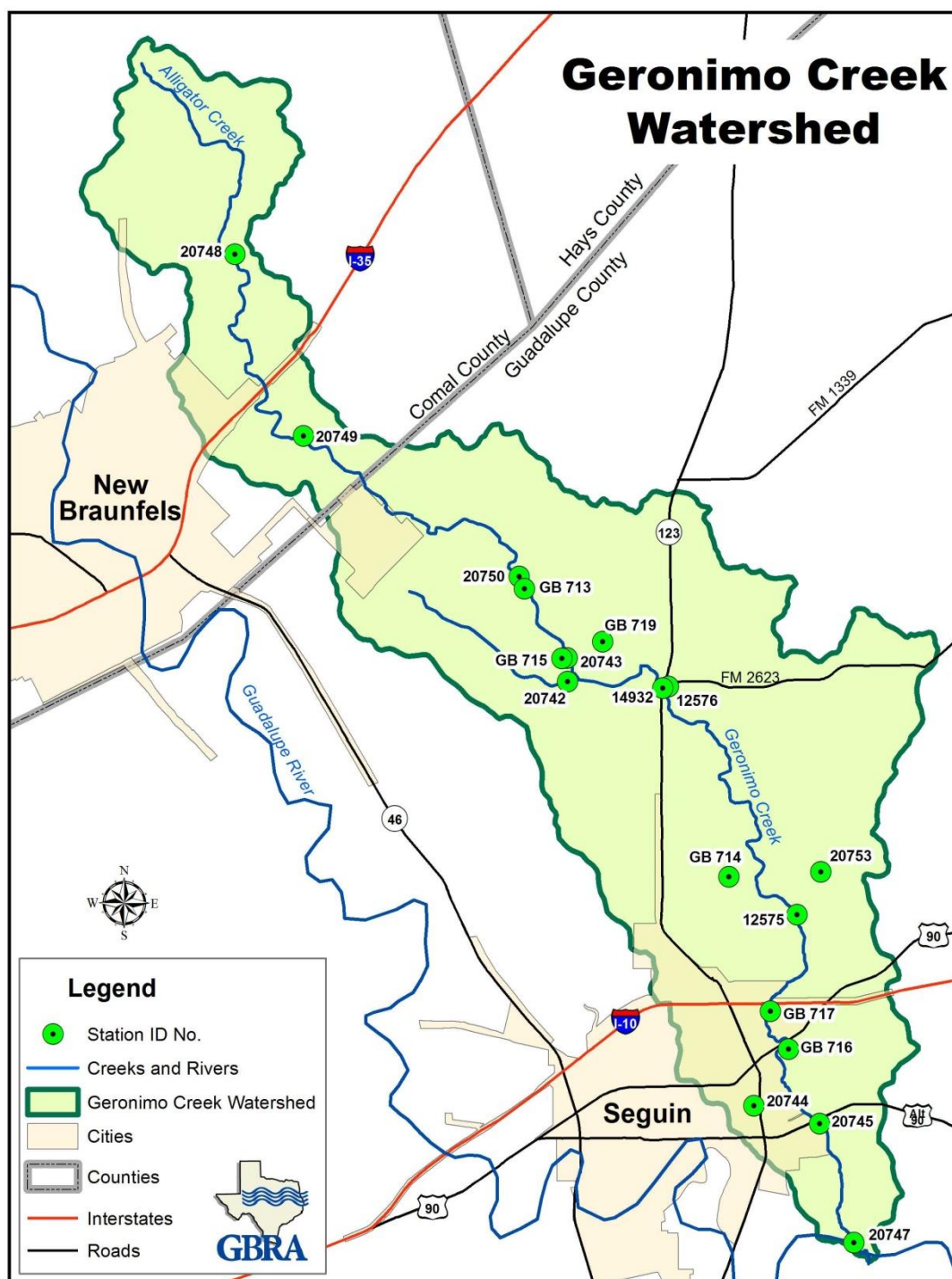
Geronimo and Alligator Creeks WPP Update



Ward Ling

Texas A&M AgriLife Extension

Geronimo Creek Watershed



Timeline

- Geronimo Creek was listed on the 2006 303(d) list for not supporting its contact recreation use
- WPP development began in late 2009 and EPA acceptance in Sept 2012
- Implementation is in full swing



What is going on?

- SWCD Field Technician
- LID at ILSOLC
- Septic System Workshops
- Lone Star Healthy Streams
- Seguin High School
- Soil Testing Campaigns
- Smart Growth Workshops
- Annual Creek Clean Up



"And should there be a sudden loss of consciousness during this meeting, oxygen masks will drop from the ceiling."

Field Technician

- Cris Perez, is an employee of the Comal-Guadalupe SWCD
- He is a field technician who works with agricultural producers to better manage runoff from their operations



LID Structures/Smart Growth Wkshops

- Rainwater Harvesting System
- Rain Garden
- Vegetated Swale
- Pervious Pavement













Homeowner Septic System Maintenance Classes

- Classes conducted in the Spring and Fall past 3 years
- Two types of classes conducted
 - 2 hr basic overview class (materials on project website)
 - 6 hr in-depth class on aerobic systems
- 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



Lone Star Healthy Streams Workshop

- Goal is protection of Texas waterways from bacterial contamination from livestock and feral hogs
- Half day workshops for area agricultural producers



Feral Hog Control

- Josh Helcel, the Feral Hog Education Program Assistant, focuses on feral hog management in the watershed
- The position works directly with landowners to reduce hog populations in the watershed



If you feed them...



Seguin High School

- Never before seen collaboration
- Impacting high school students and beyond



Purpose

- Students tour a fabrication facility
- Extension provides feral hog and water quality information
- Students combine this knowledge to construct feral hog traps
- Traps will be auctioned off and some will be donated to be used in a trap loan program to assist area



Soil Testing Campaign

- Once a year free soil testing for area residents
- Goal is to prevent excess fertilizer applications in the watershed

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D-592

Soil, Water & Forage Testing Lab
Soil & Crop Sciences
Texas A&M AgriLife Extension
College Station, TX (979) 845-4816

This carefully collected soil sample is the first step in the development of profitable fertilization and liming practices. See sampling instructions on the back including FILL LINE level.

Sample I.D. _____
Name _____
Business _____

**Submit Soil Information Form D-494
with sample available from
County Agent or from
soiltesting.tamu.edu
"Please see instruction #4 on back"**

Educational programs conducted by the Texas Agricultural Extension Service serve people of all ages regardless of socioeconomic level, race, color, sex, religion, disability, or national origin.

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Smart Growth Workshop

- Introduction to Low Impact Development practices and structures



Annual Creek Clean Up Event

- Established the first event in 2013 on the first weekend in April
- In 4 years, over 780 volunteers have removed 12,980 pounds of trash and debris
- The 2016 event removed trash from 27 locations covering 17 miles of roadway and creek bank

Picking up trash is fun!



Upcoming Educational Opportunities

- Texas Watershed Steward Workshop
- Texas Well Owner Network Workshop
- Lone Star Healthy Streams Program
- Septic system workshops
- Master Gardener and Naturalist training
- Bacteria, nutrient, and pesticide management programs
- Soil testing campaign



DELHI BAPTIST CHURCH



**ITS OK TO FAIL
ITS NOT OK TO QUIT**

Thank You! Questions and comments





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