



Project updates

Emily Monroe Extension Program Specialist Texas Water Resources Institute

August 20, 2020

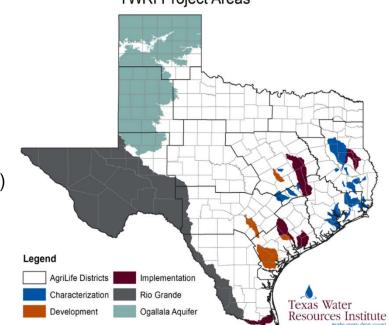
Annual CRP Meeting







- Established by Water Resources Research Act (1964) to address existing and emerging water issues
- Focus Areas
 - Restoring and Protecting
 - Sustaining and Enhancing
 - Engaging and Educating
- Funding Offered
 - USGS/Mills Student Scholarships
 - Water Seed Grant





TWRI Project Areas

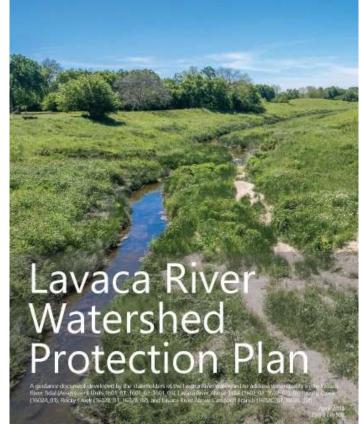




LAVACA RIVER WPP

- Lavaca River and Rocky Creek
 - impaired due to elevated levels of bacteria, especially *E. coli*.
 - Low dissolved oxygen
- Plan developed by TWRI and watershed residents, and was accepted in April 2018 by the EPA
- Our goal is to educate residents on how they can protect their water resources through voluntary management measures.
- WPP covers:
 - General watershed management
 - Characterizes the Lavaca River watershed
 - Water quality standards
 - Pollutant sources in the watershed
 - Education and outreach efforts
 - Identifies potential resources/funding



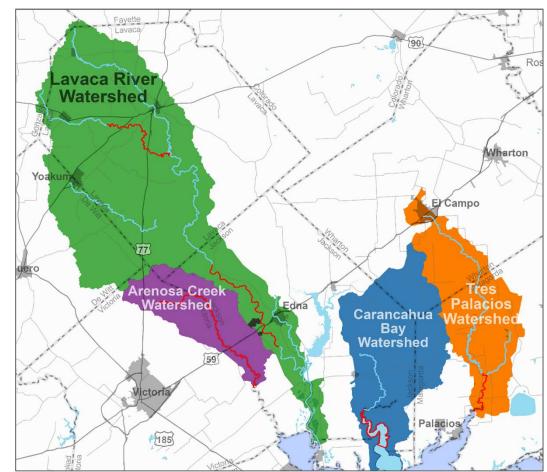






MATAGORDA BASIN WPPs

- Tres Palacios Creek
 - WPP Implementation ongoing
- Carancahua Bay
 - WPP recently accepted, proposal submitted for 319 funding
- Arenosa & Garcitas Creek
 - WPP still under review





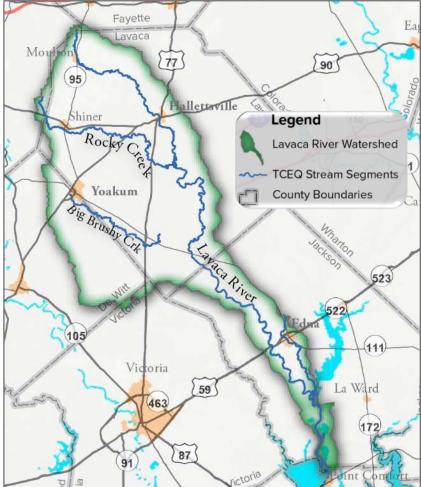


LAVACA RIVER & ROCKY CREEK

- Funded by a Clean Water Act 319(h) grant through TCEQ from EPA
- Educational programs to encourage implementation of BMPs
 - Livestock, Feral Hog, OSSFs, Pet waste, Urban stormwater runoff, and dumping
 - February 2020 Landowner Riparian Workshop
 - August 2020 Healthy Lawns, Healthy Waters
 - October 2020, Date TBA Texas Watershed Stewards
- Monthly Water Quality Monitoring
 - Lavaca-Navidad River Authority



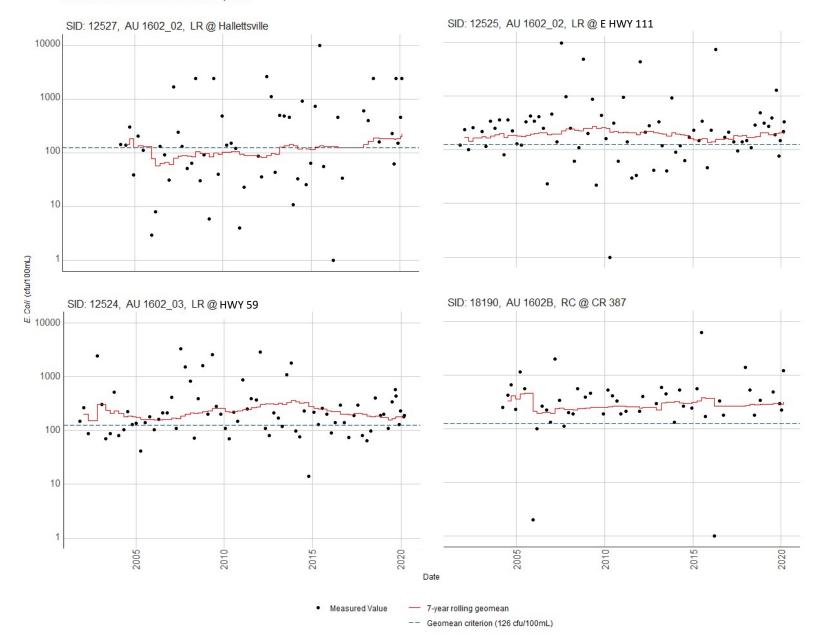






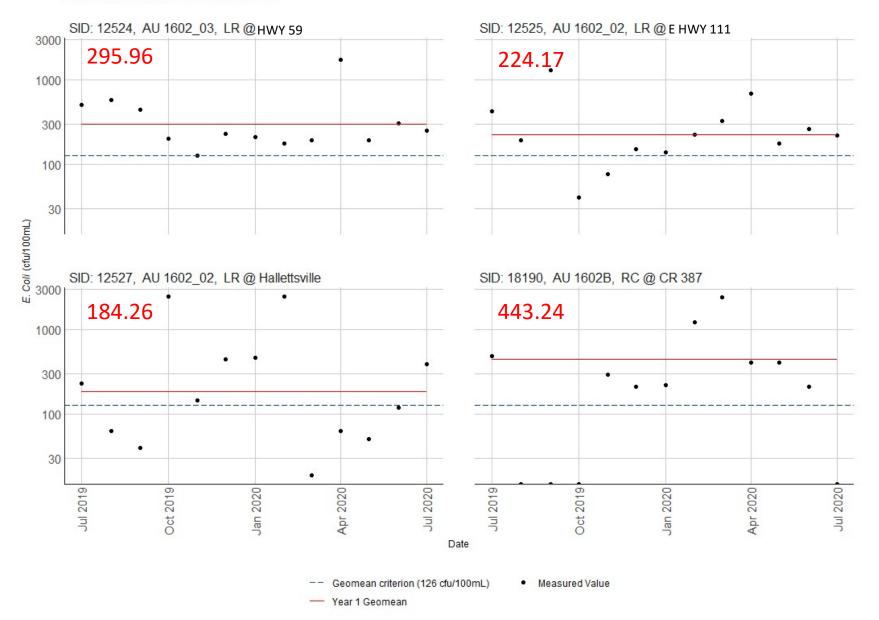
Historical Water Quality Data

Historical E. coli Data for Lavaca River & Rocky Creek



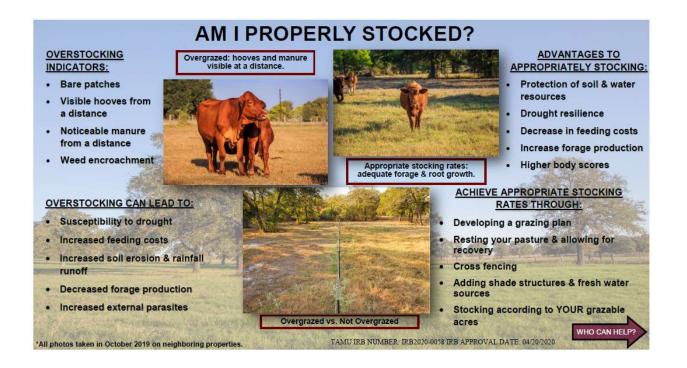
WPP Water Quality Data, July '19 – July '20

WPP E. coli Data for Lavaca River & Rocky Creek



DIRECT MAILER CAMPAIGNS

- Distributed to Lavaca County landowners based on Land Use classifications
- · Pre- and post-evaluation with four educational mailers
- Jackson County OSSF direct mailer campaigned planned for 2021







NEWSLETTER

- Annual Summer newsletter distributed via email (and printed for face-to-face meetings!)
- Other e-mails include events and programs
- Subscribe on the watershed website: <u>http://matagorda.tamu.edu/lavaca</u>



Summer 2020 Newsletter

Published by the Texas Water Resources Institute

Howdy, Lavaca River Watershed residents and partners

I hope that your spring has been going as well as it could be considering the changes and disruptions to many of our normal routines. Although our planned education programs for the spring and early summer may have been postponed, the Lavaca-Navidad River Authority continues to monitor water quality in the Lavaca River and Rocky Creek for the <u>Lavaca River Watershed Protection Plan (WPP)</u> implementation program as well as the <u>Clean Rivers Program</u>. This newsletter contains information for upcoming events happening in the watershed later in the summer (we hope) as well as some online resources you might find interesting. I hope that the rest of your summer is full of fun, safe activities and that we'll be able to gather forgether for public meetings and educational programs again soon.

ealthy Lawns Healthy Waters

pust 11, Edna, TX. Register here. Learn how design and install rainwater harvesting vices, how to choose climate- and soilpropriate turf and landscaping species, the portance of soil testing, and more at this halfy educational program. Due to face-to-face reting restrictions, this event be held as an line webinar.



Lavaca County Landowners Direct Mailer

If you are a landowner with 10+ acres in Lavaca County, you will be receiving a series of educational postcards and surveys. Be on the lookout for the stocking rate postcard corning in August that will include technical and financial assistance information. A pre-survey was sent, and a follow up post-survey will be and in the north the under Control Tr. Alter Darthold of Indentified Darthold and a follow up not survey.







Questions?

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