

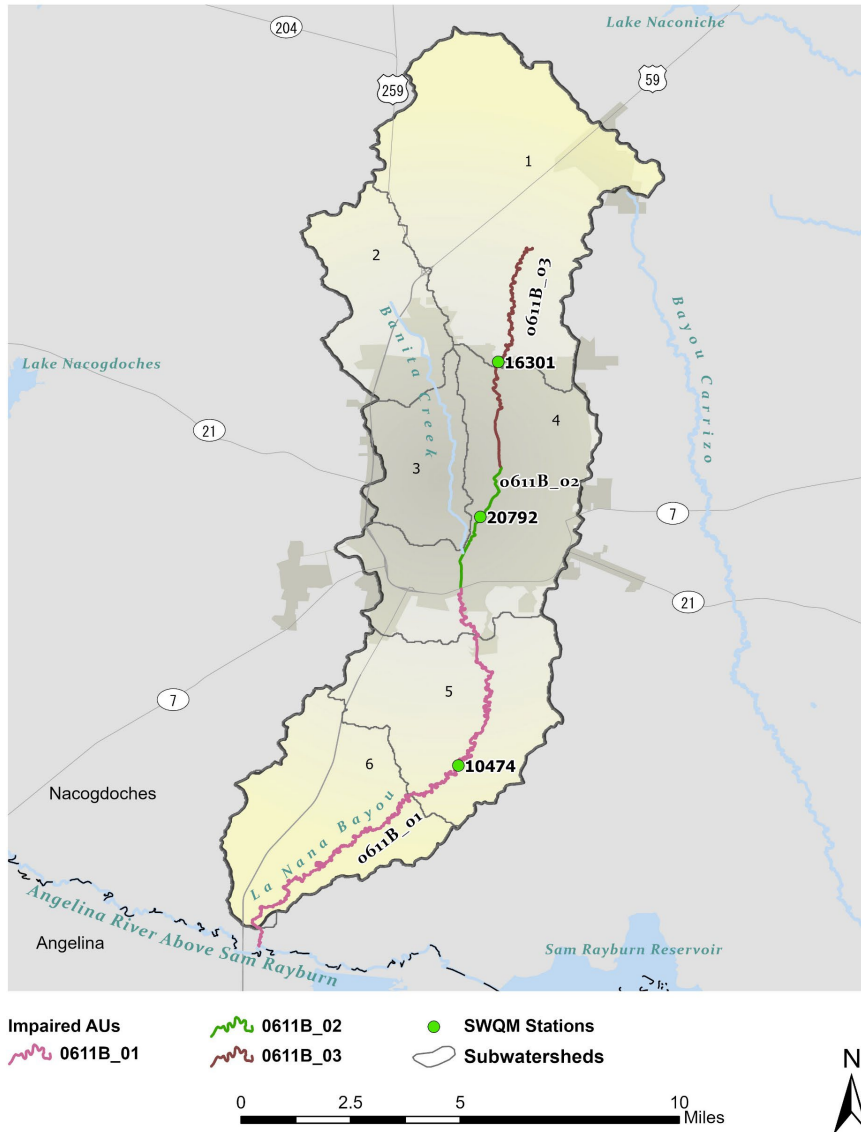
# Updates for the La Nana and Attoyac Bayous







# La Nana Bayou Project Overview

- La Nana Bayou on 303d List for bacteria since 2000
- Characterization Report completed in 2019
- Watershed Protection Plan (WPP) development project is funded by TCEQ as part of a Clean Water Act Section 319(h) Grant from the U.S. EPA
- TWRI, ANRA, and SFASU leading WPP development with local stakeholders to address water quality through voluntary management measures
- Watershed Website: [Tx.ag/LaNana](http://Tx.ag/LaNana)



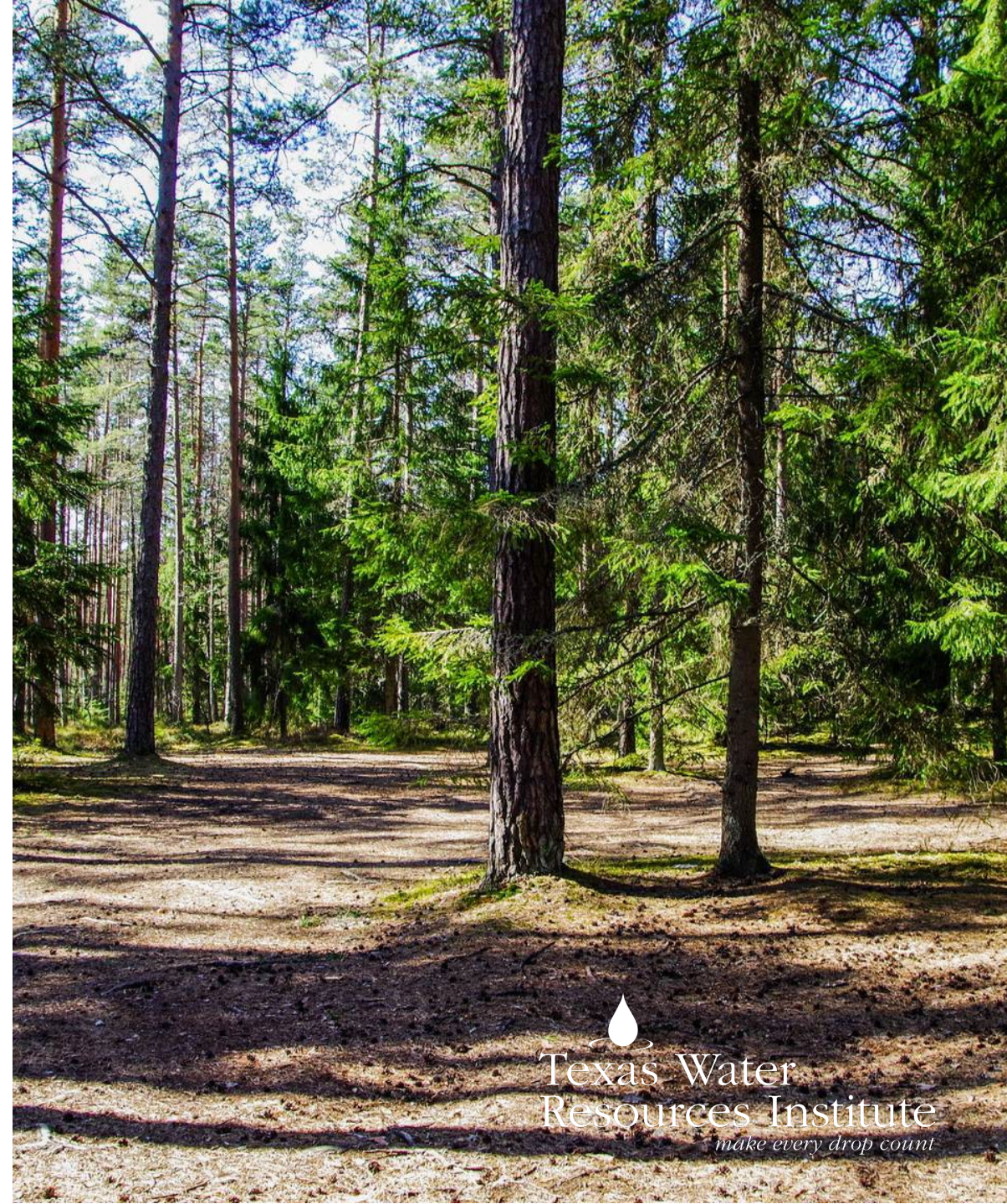
# La Nana WPP Progress by Chapter

- ☒ 1. Watershed Management
- ☒ 2. Watershed Characterization
- ☒ 3. Water Quality
- ☒ 4. Pollutant Sources
- ☒ 5. Pollutant Source Assessment
-  6. Management Measures
-  7. Education & Outreach
- ☒ 8. Implementation Resources
- ☒ 9. Measuring Success



# La Nana WPP Next Steps

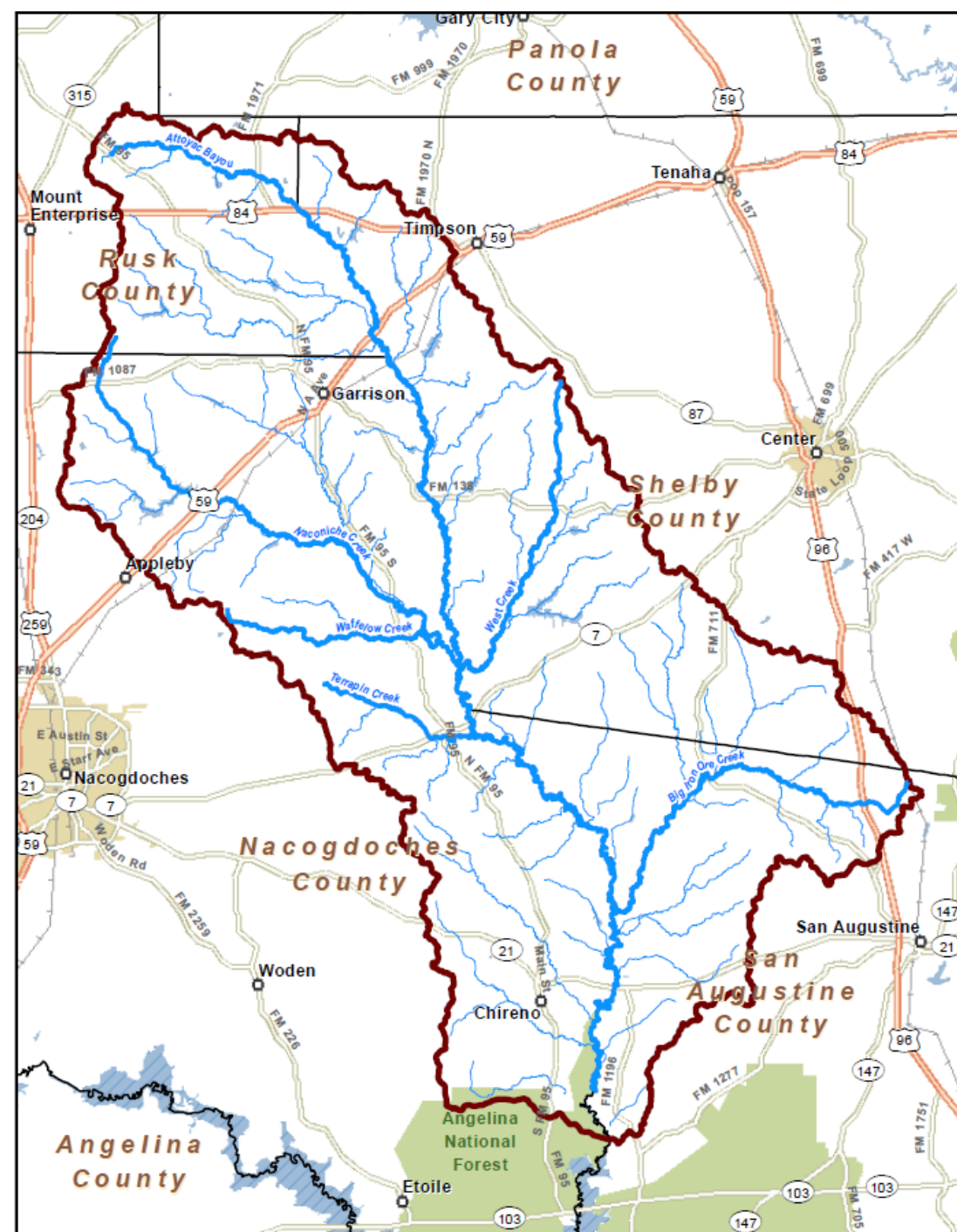
- Full plan will be submitted for public review in July
- TCEQ will begin review by end of July, early August
- EPA will do final review in **Winter 2022/Spring 2023**
- WPP Implementation project will begin in **Fall 2023**
  - Focus on outreach, education, and working with the city of Nacogdoches and SFASU on erosion control and riparian protection along La Nana and Banita Creek





# Attoyac Bayou Overview

- Attoyac Bayou Watershed Partnership developed in 2009
- WPP developed with TSSWCB and accepted by the EPA in 2015
- Multiple projects for implementation have been funded since by TSSWCB and TCEQ
- Project Partners:
  - ANRA
  - SFASU
  - Pineywoods RC&D
- [attoyac.tamu.edu](http://attoyac.tamu.edu)





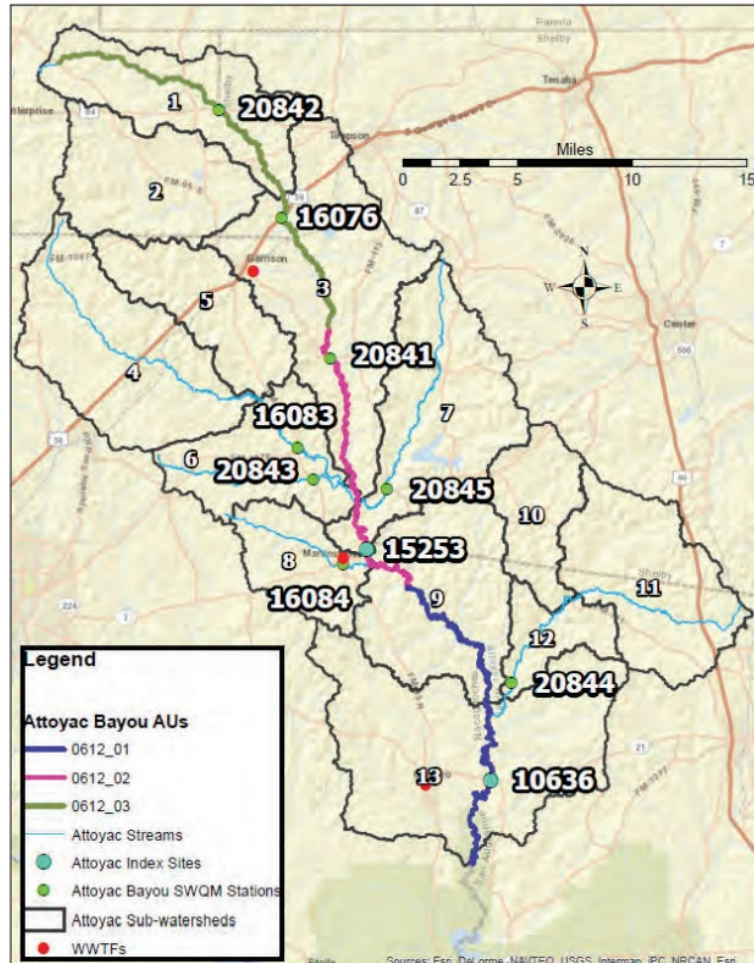
# FY22 Project Updates

## Water Quality Monitoring

- SFASU conducts water quality monitoring monthly in coordination with ANRA
- QAPP approved in June for new project

## OSSF Remediation

- 65 repaired/replaced to date
- 9 underway, 12 more planned







# Upcoming Meetings



- **Final La Nana WPP Wrap-up:** mid-August
- **Texas Watershed Stewards Program**
  - September 7, 2022 at 1:00 PM
  - Liberty Hall in Nacogdoches
  - General watershed management education
- **Lone Star Healthy Streams**
  - Spring 2023, Exact Date TBD
  - Water quality impacts from livestock and feral hogs

## Contact Us

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### **Thank you to our partners:**

Nacogdoches County, ANRA, Castilaw Environmental Services, Pineywoods RC&D, Rusk County, San Augustine County, Shelby County, SFASU, Texas A&M AgriLife Extension Service, TCEQ, Texas A&M Forestry Association, TSSWCB, TWRI, USDA-NRCS, US EPA

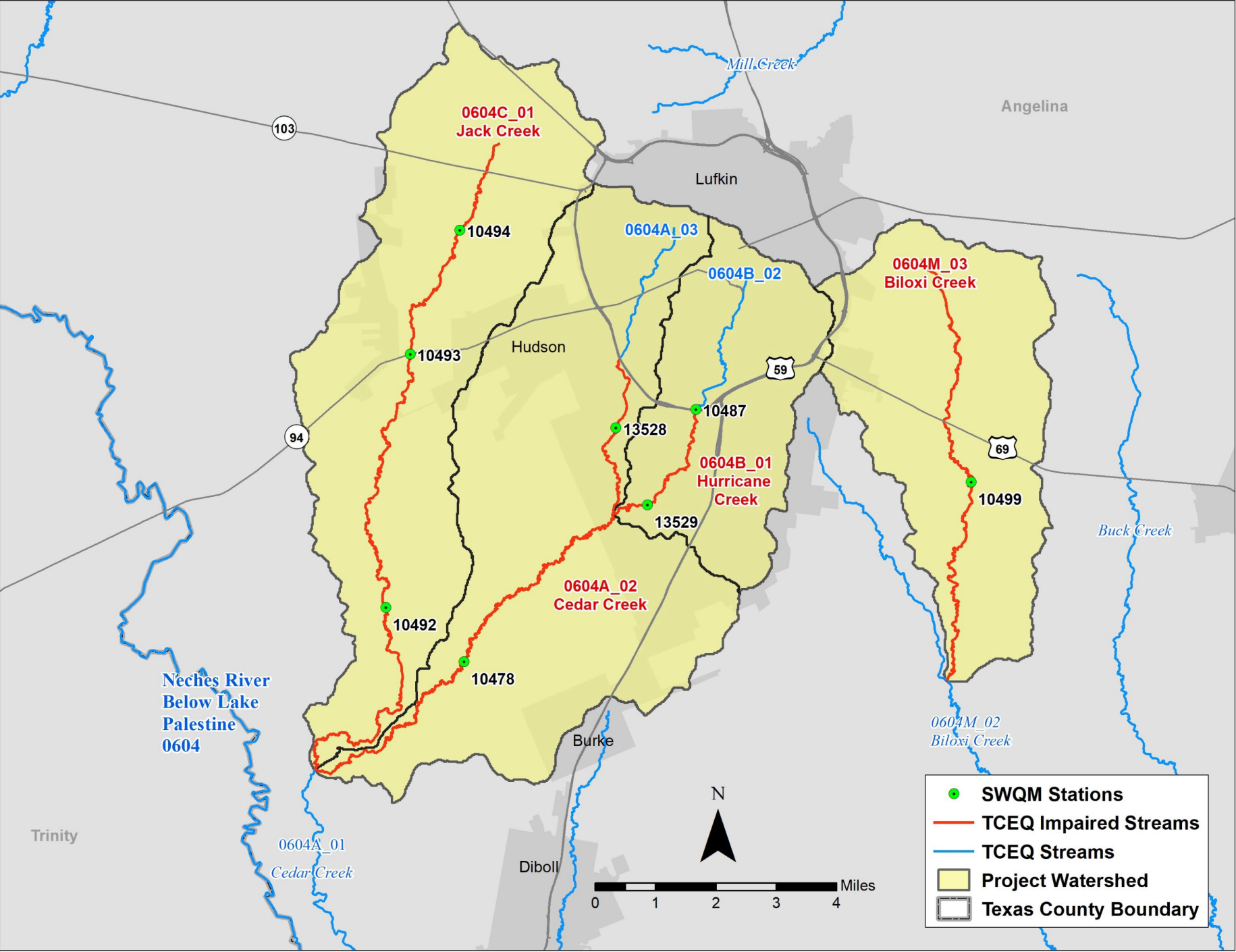


# TMDL and I-Plan Tributaries of the Neches River below Lake Palestine



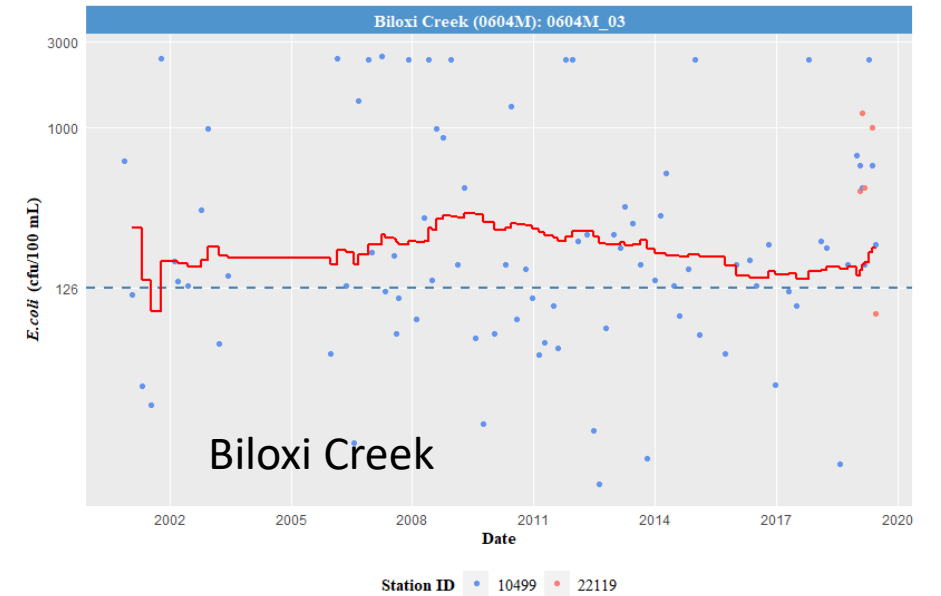
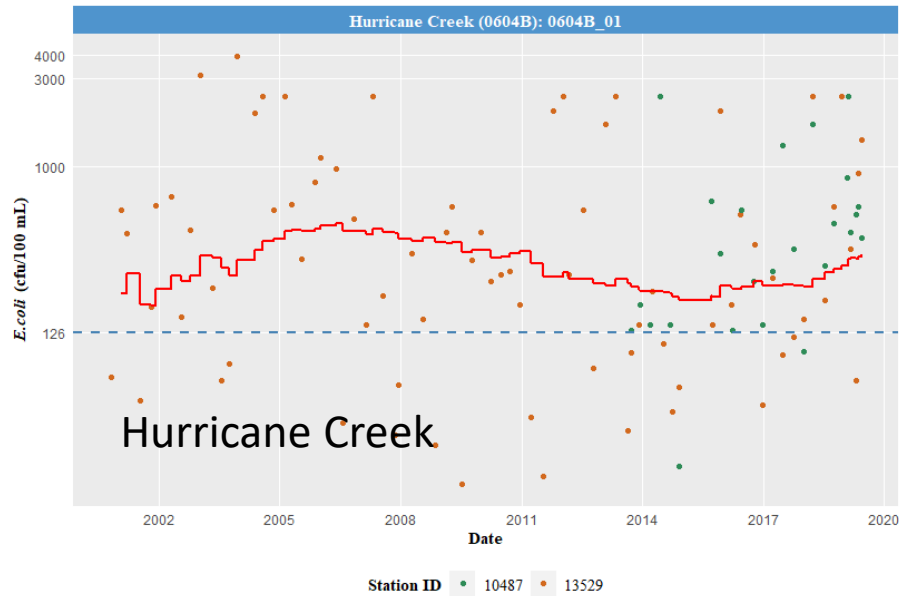
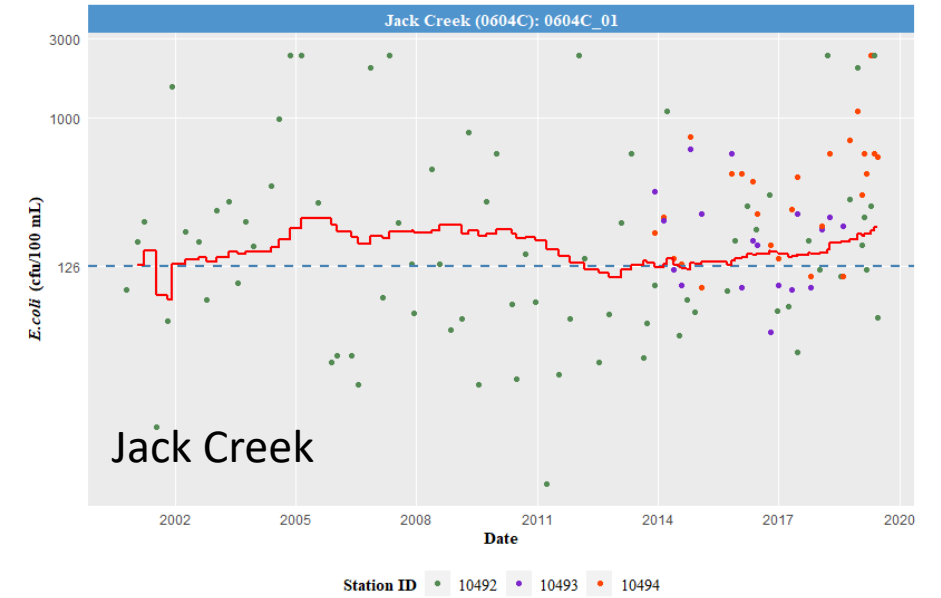
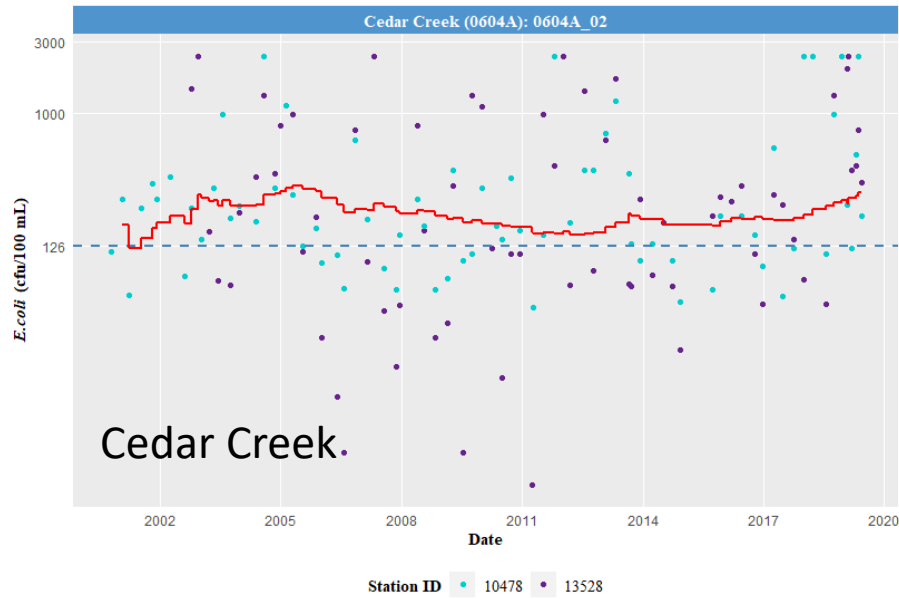
# Middle Neches Watersheds

- Cedar Creek
- Hurricane Creek
- Jack Creek
- Biloxi Creek





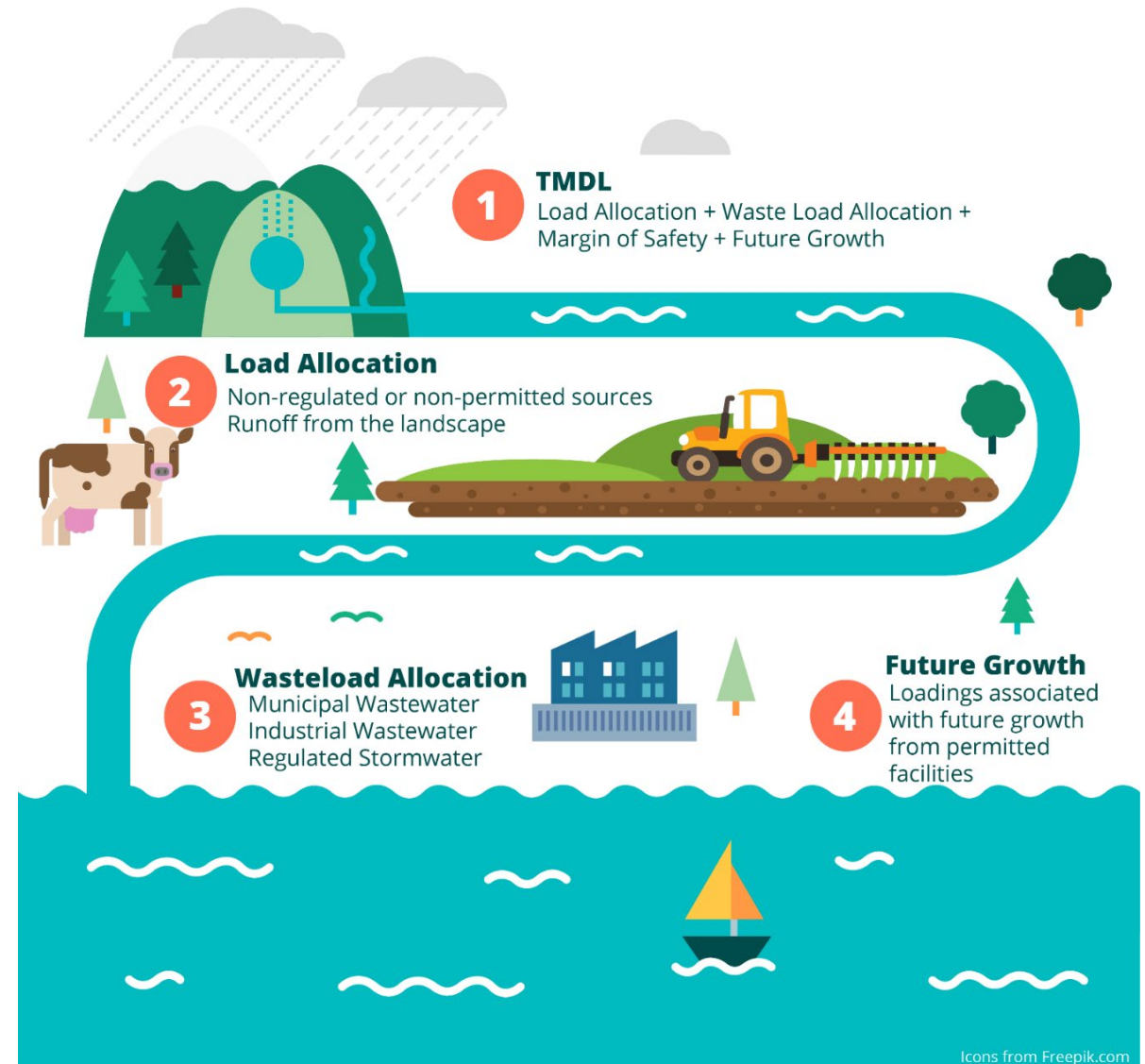
# Historical Bacteria Data





# TMDL

- The TMDL is also a document submitted to the Environmental Protection Agency to fulfill requirements of the Clean Water Act. The TMDL identifies the pollutant of concern, potential sources, and allocates the allowable load.
- The TMDL may include allocations for permitted WWTF discharges, regulated stormwater discharges, unregulated stormwater, future growth (FG), and margin of safety (MOS)





# I-Plan

- The TMDL I-Plan is a document outlining steps and schedules for reducing a pollutant load in the waterbody covered by the TMDL.
- Local stakeholders develop the management measures and control actions described in the I-Plan.
- I-Plans address the pollutant of concern in the TMDL.
- I-Plans do not require EPA approval.





# Status

- TMDL – Public Comment Meeting in April
  - Should be adopted by the Commission in August
- Cedar Creek Addendum will be drafted next year
  - Adds upstream assessment unit
- I-Plan
  - Draft I-Plan developed with coordination committee, facilitated by TWRI.
  - Submitted December 2021 to TCEQ, currently under review.

More info available at: [middle-neches.twri.tamu.edu](https://middle-neches.twri.tamu.edu)