

La Nana Bayou WPP Development Project Update

Dr. Lucas Gregory-Texas Water Resources Institute

July 23, 2020

Upper Neches Basin Clean Rivers Program Steering Committee
Meeting



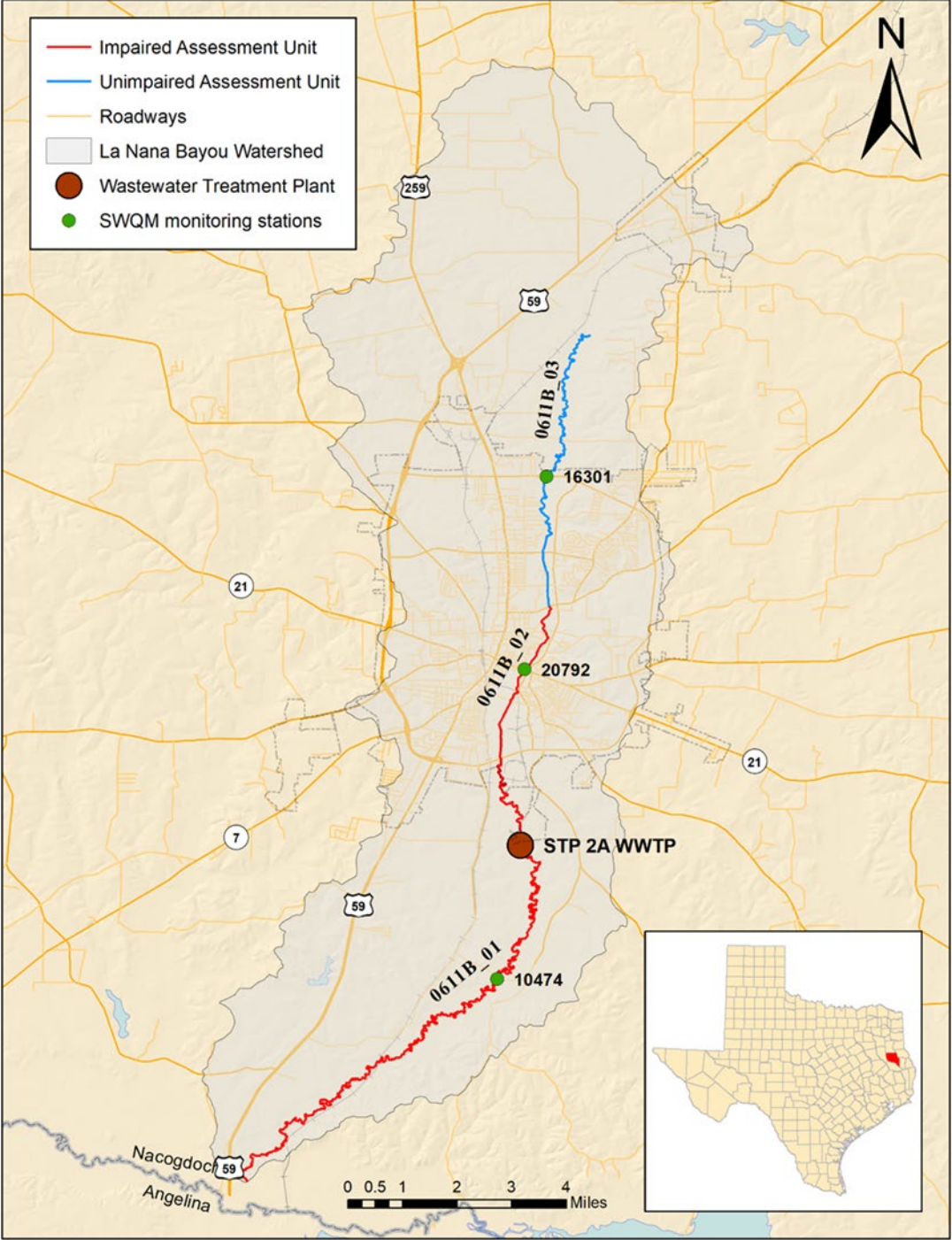
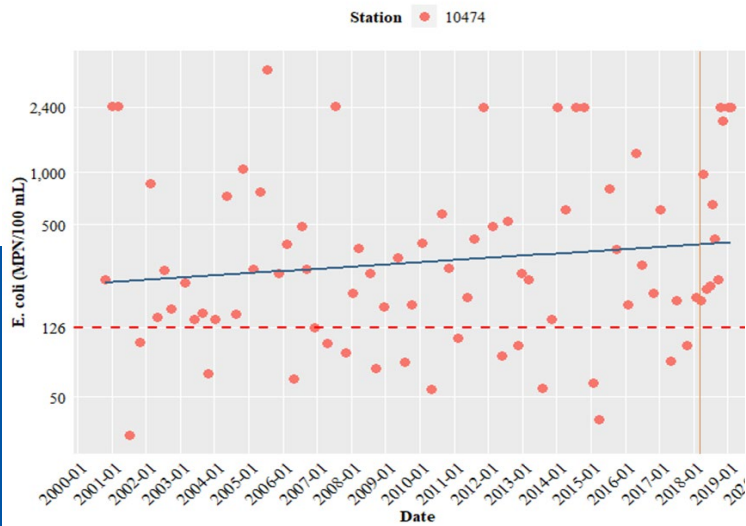
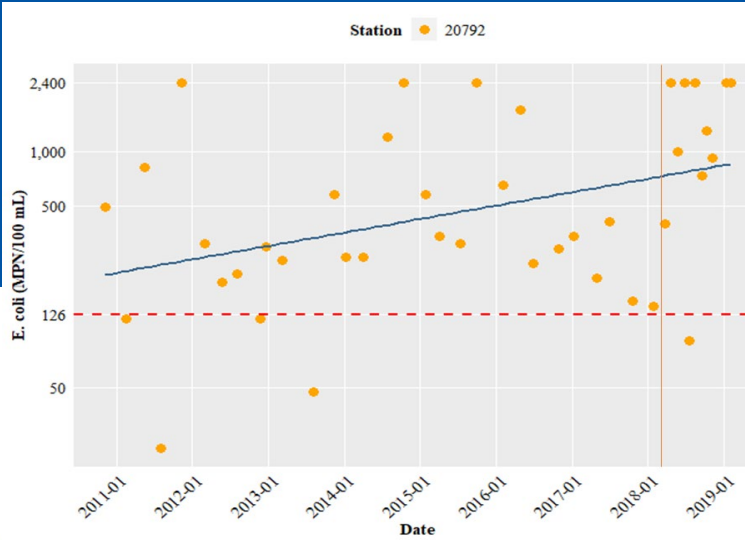
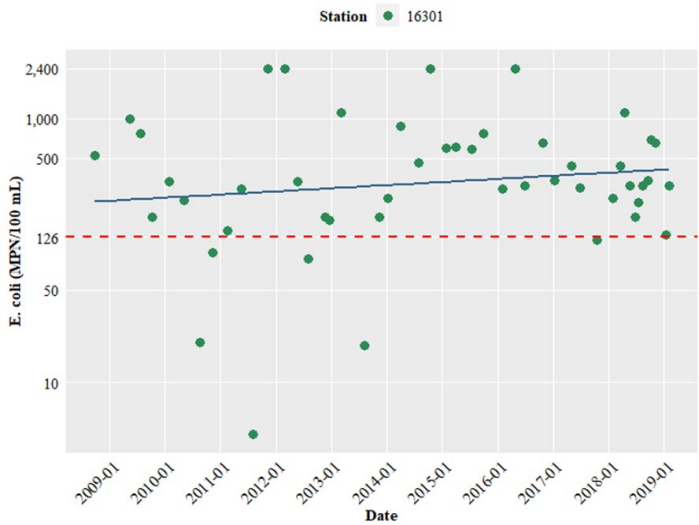
La Nana Bayou

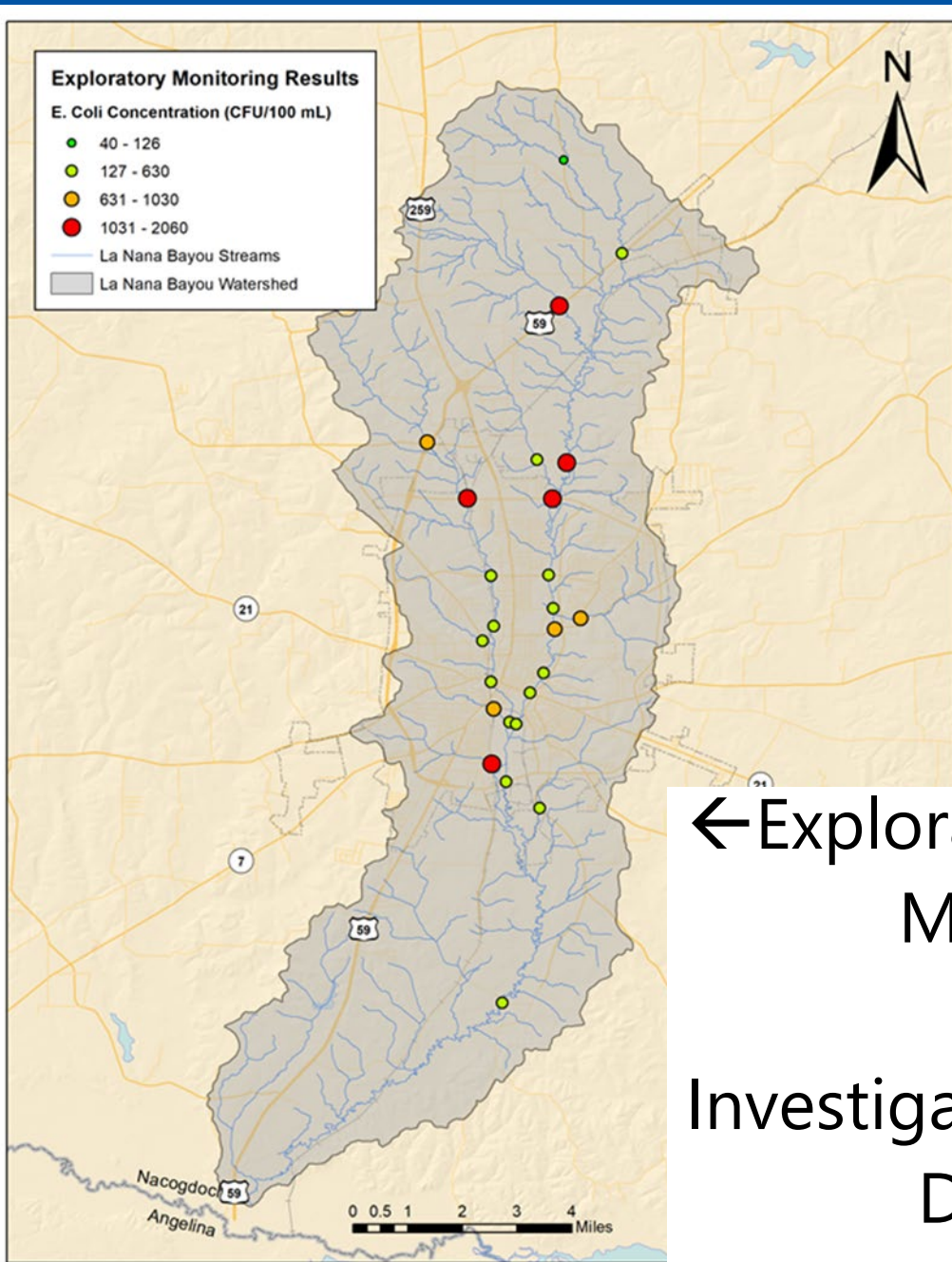
- Impaired for not meeting primary contact recreation bacteria standard
 - All parts of the Bayou are impaired
- Concerns for elevated ammonia-nitrogen, nitrate-nitrogen, and total phosphorous in the downstream portion of the bayou

Characterization Project Completed

- Background data collected and evaluated
- Additional monitoring conducted to better define water quality conditions
 - Routine monthly sampling (changes over time)
 - Exploratory sampling (geographic differences)
 - Investigative sampling (ID potentially problematic areas)
- Discussed issues and options with key stakeholders
 - Local support to develop a Watershed Protection Plan

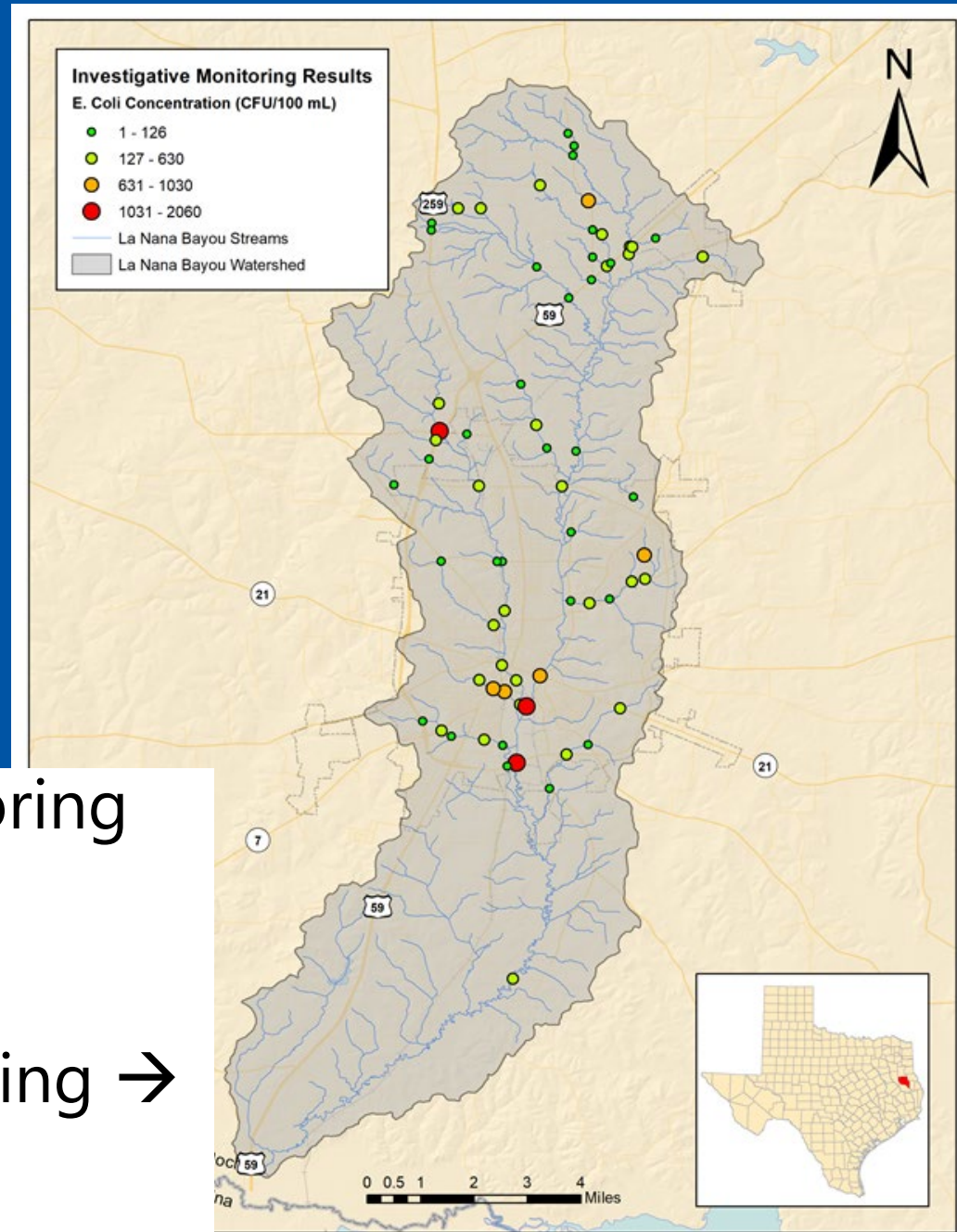
Station	Name	Samples	Geomean (MPN/100mL)
16301	La Nana Bayou at Loop 224 North	12	333.51
20792	La Nana Bayou Upstream of E Main	12	1012.74
10474	La Nana Bayou at CR 526	12	730.41





← Exploratory Monitoring
May 8, 2018

Investigative Monitoring →
Dec 3, 2018





Next Steps

- Funding secured to develop the La Nana Bayou Watershed Protection Plan
- Anticipated start date of Sept 1, 2020
- Form Watershed Stakeholder Group
- Begin Planning Process
- Goal is to have plan developed and accepted in 2022

Project Support

- Project Partners



ANGELINA & NECHES RIVER AUTHORITY



STEPHEN F. AUSTIN
STATE UNIVERSITY
NACOGDOCHES, TEXAS



- Funded by TCEQ with EPA Clean Water Act Non-Point Source Pollution Grant



Questions?

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