

Basin Management Action Plan Implementation- Manatee County

*Manatee River BMAP Stakeholders
Meeting*

April 6, 2018

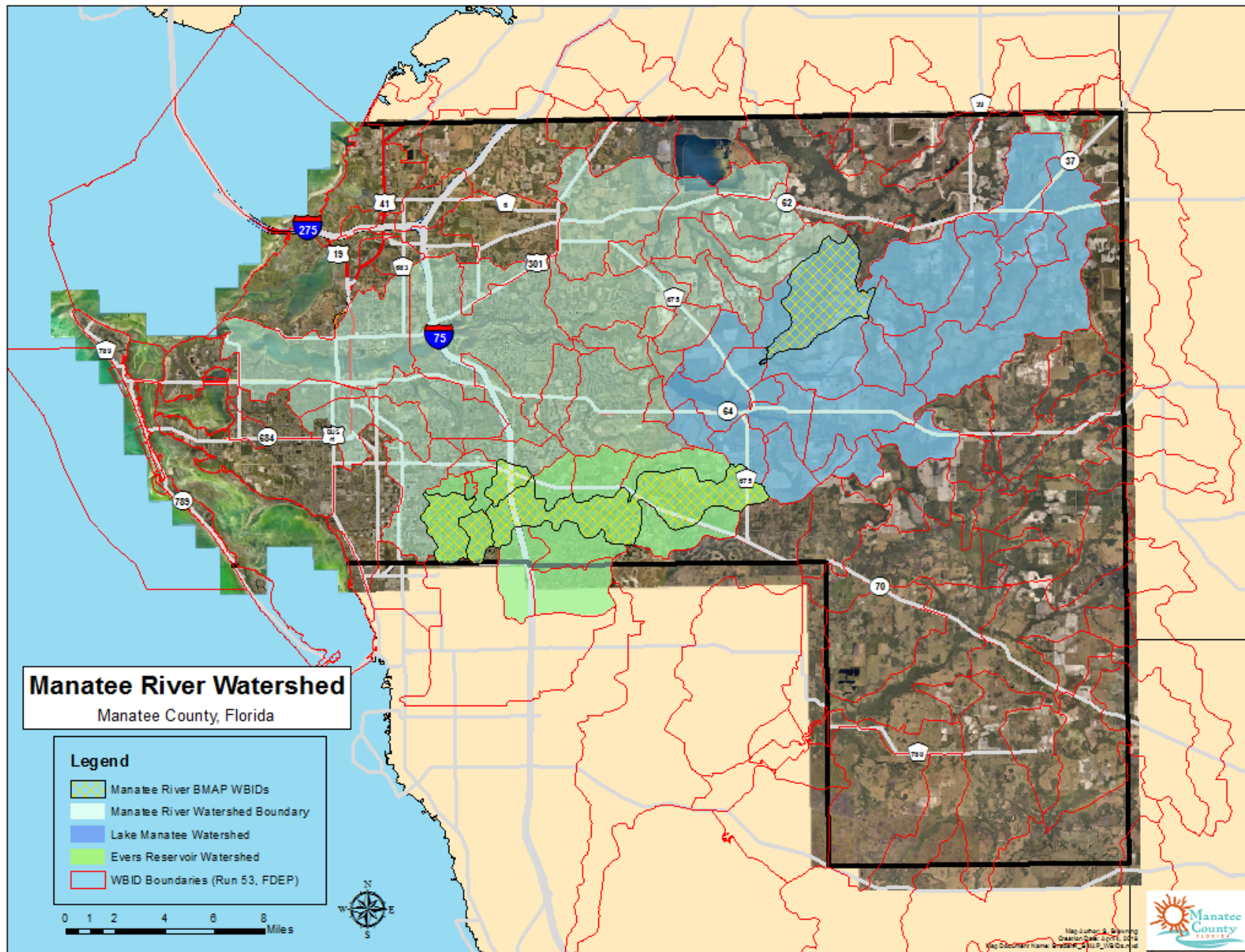


Rob Brown
Scott Browning
Greg Blanchard

Manatee River BMAP

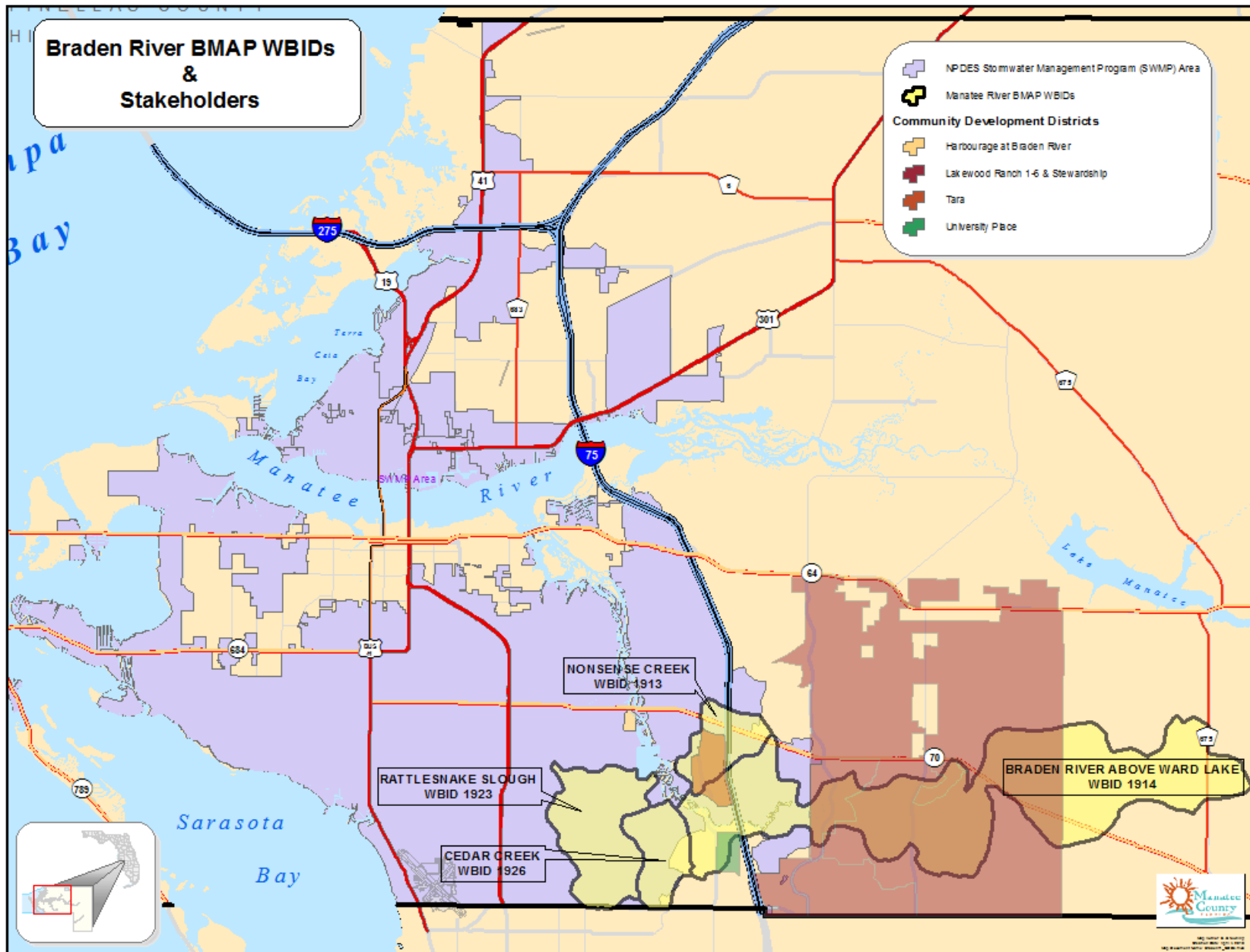
Overview

- Geographical Location & Stakeholders
- Summary of Water Quality Monitoring Efforts



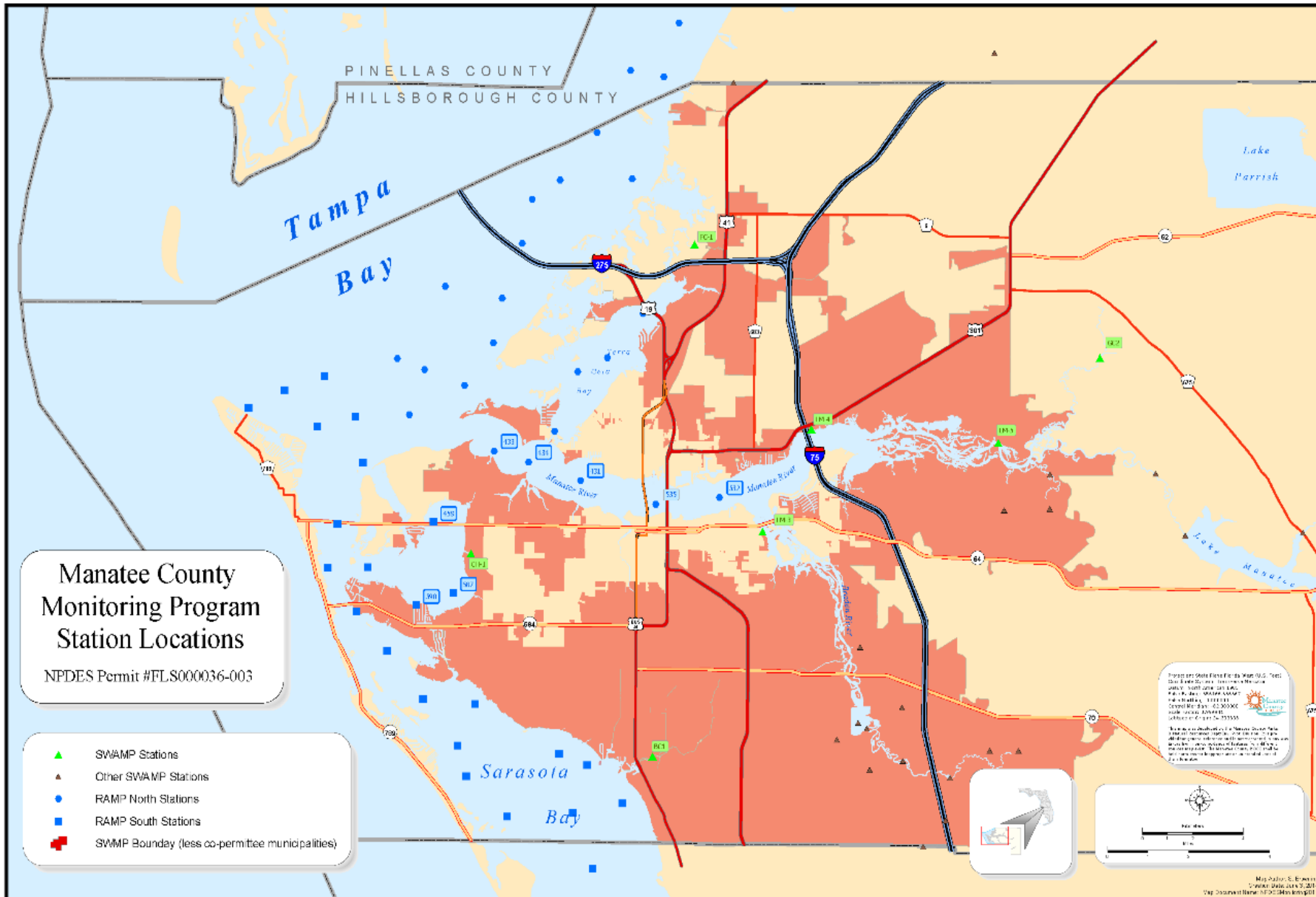
Braden River BMAP WBIDs & Stakeholders

- NPDES Stormwater Management Program (SWMP) Area
- Manatee River BMAP WBIDs
- Community Development Districts**
 - Harbourage at Braden River
 - Lakewood Ranch 1-6 & Stewardship
 - Tara
 - University Place



Manatee County Water Quality Monitoring Efforts



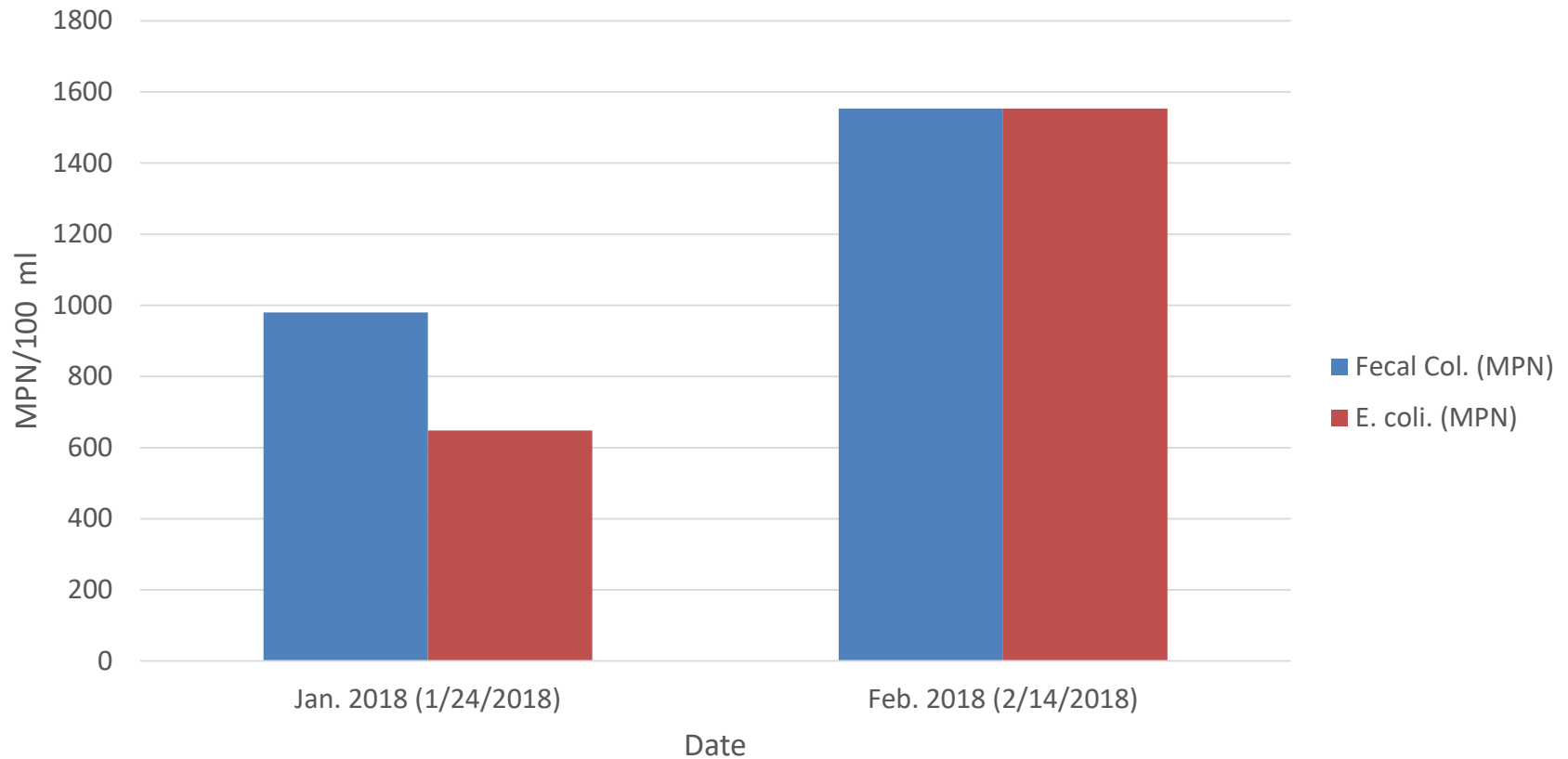


Manatee County Monitoring Efforts

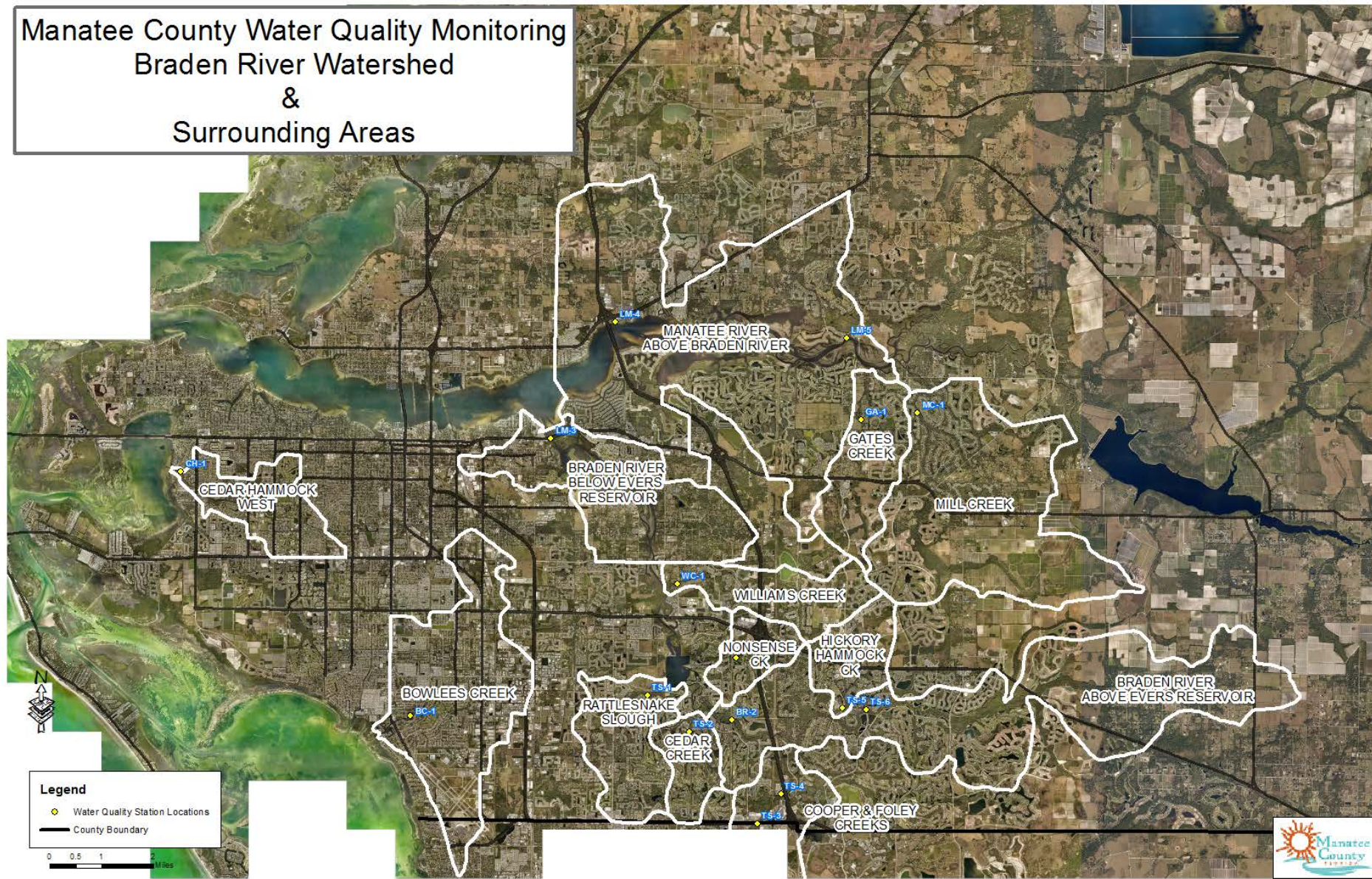
- *80+ Stations in Estuary, Streams and Lakes*
- *FDOH-Certified Environmental Laboratory*
- *Founding Member SWF-RAMP*
- *Starting 2018: E. coli Testing; Category 4e Plan for lower Mill Creek.*
- *Starting Soon: SCI Testing; 15-yr. Coastal Watershed Program (RESTORE Act)*

Manatee County Monitoring Efforts

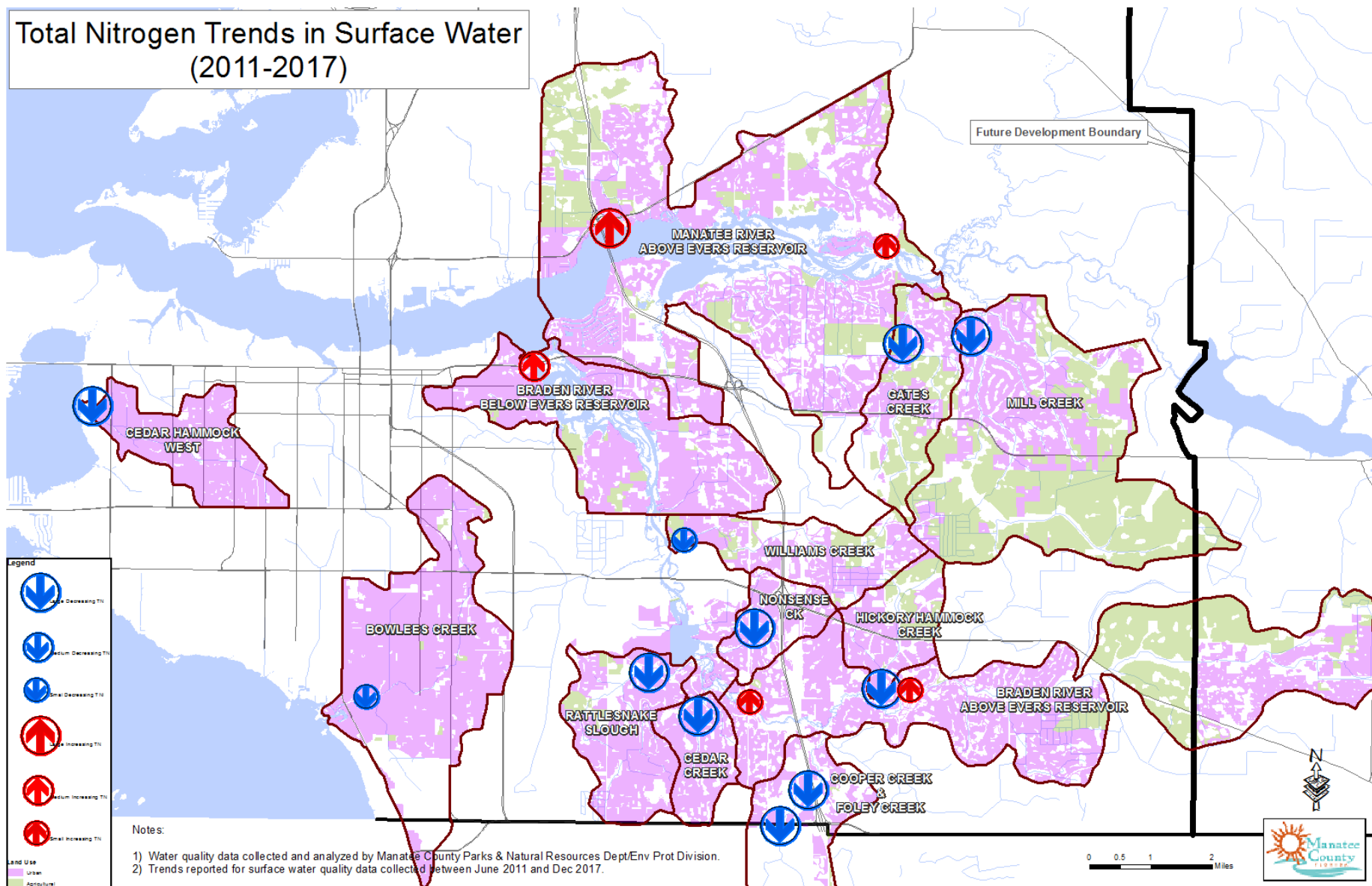
Preliminary Results From Cedar Creek @ TS-2



Manatee County Water Quality Monitoring Braden River Watershed & Surrounding Areas



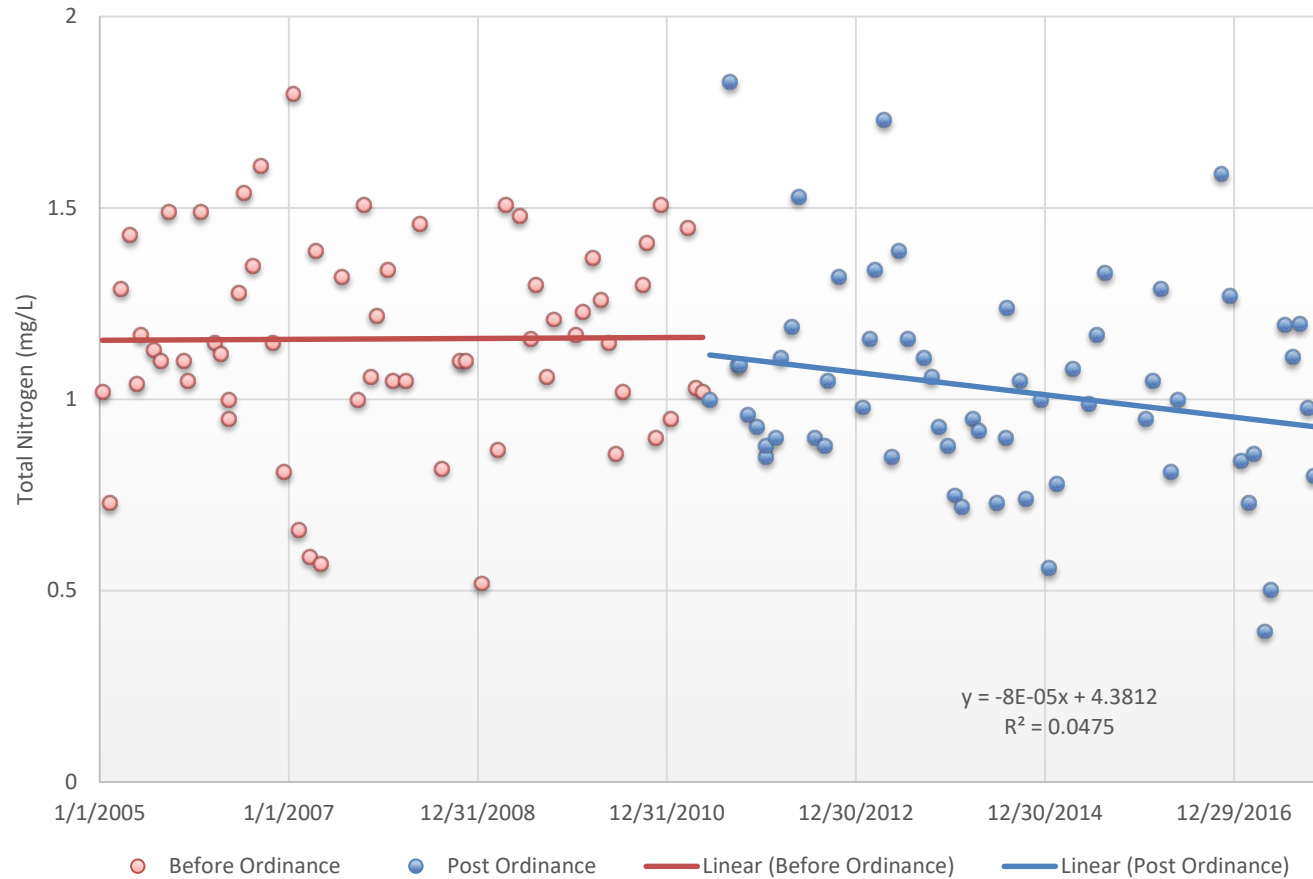
Total Nitrogen Trends in Surface Water (2011-2017)



Manatee County Monitoring Efforts

Rattlesnake Slough

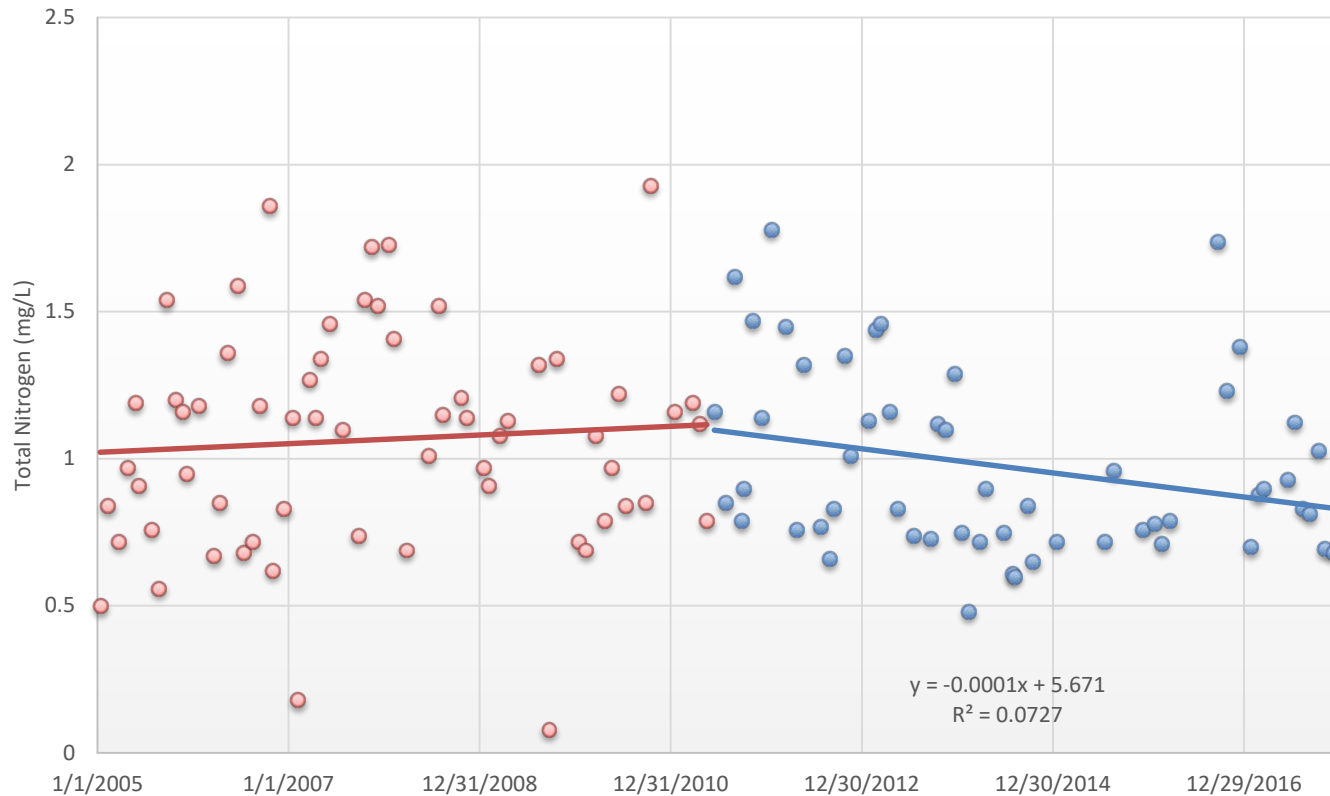
Surface Water Quality Pre & Post- Fertilizer Ordinance Adoption



Manatee County Monitoring Efforts

Nonsense Creek

Surface Water Quality Pre & Post- Fertilizer Ordinance Adoption



Manatee River BMAP

Summary

- Several stakeholders in Manatee River basin
- Manatee County water quality monitoring efforts ongoing
- Evidence suggests concentration trends in nutrients, closely associated with coliforms, are decreasing in the Braden River WBIDs