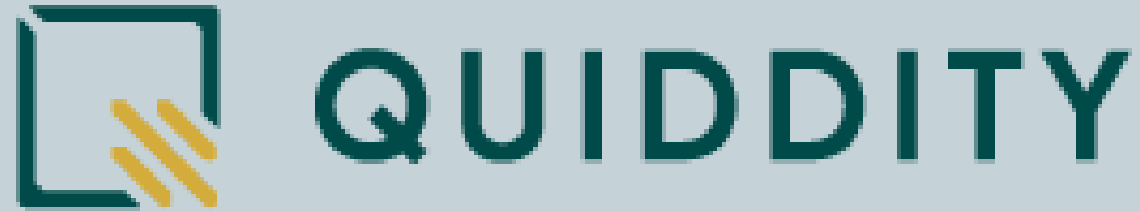


Clean Waters Initiative Workshop

Stormwater Programs and Impaired Waters

August 16, 2023

Refreshments sponsored by



Quiddity Engineering, LLC

Today's Agenda

Welcome and Event Kick Off

Recipe for Success! A Joint Stormwater Management Program Story

City of Austin MS4 and TMDL Programs

Collaboration Between Agencies that Assembled a Funding Method to Successfully Abandon Failing Septic Tanks in Underserved Communities

Strategies for MS4 Phase II Compliance

TPDES MS4 Permitting and Impaired Water Bodies

Wrap Up / Lightning Round Questions / Door Prize

Exploring the Nexus Between Stormwater Programs and Watershed Planning

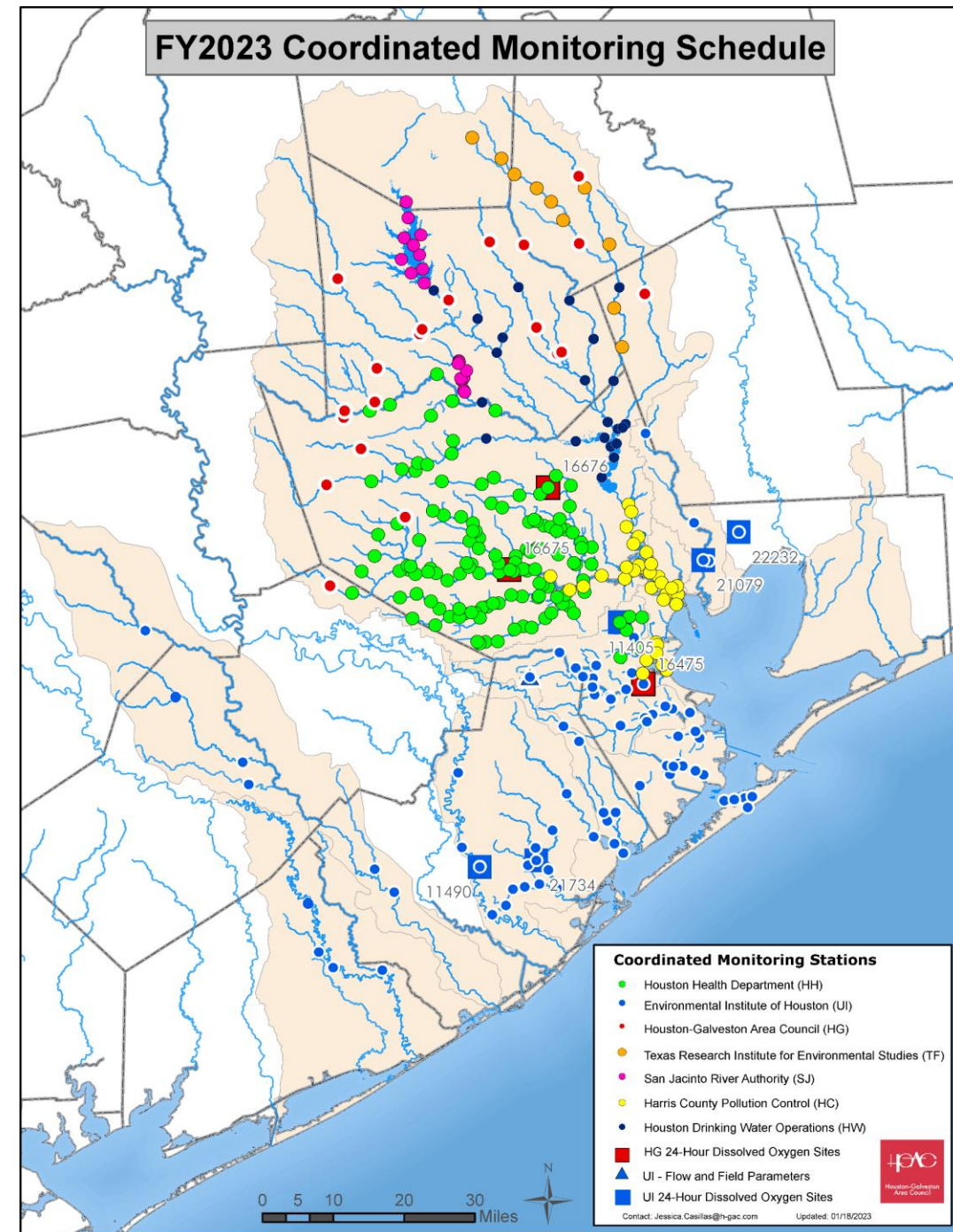
Todd Running

Water Resources Manager

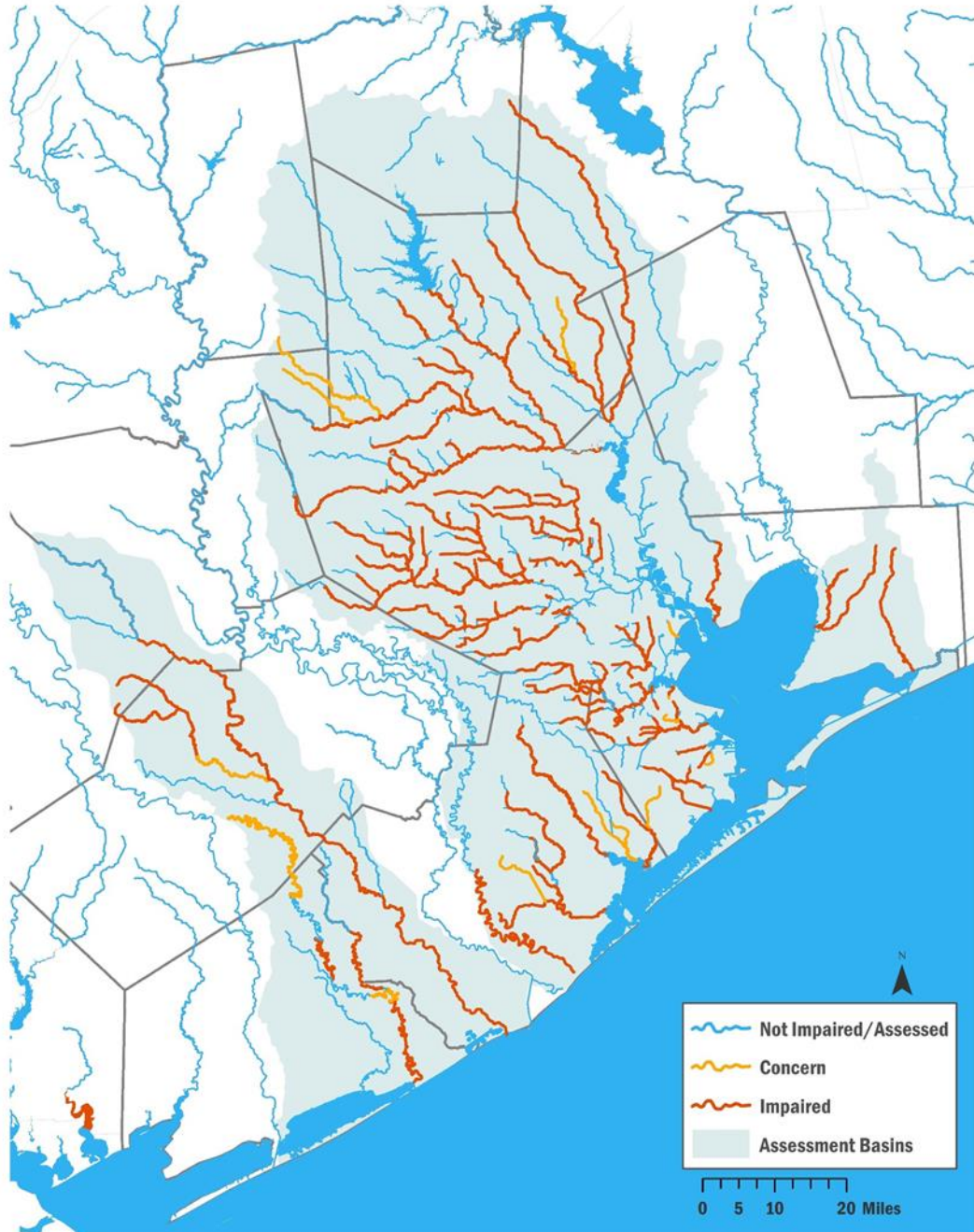
Todd.Running@h-gac.com

Clean Rivers Monitoring Program

- Partners
 - 7 local partners
 - 2 State and Federal Partners
- Numerous Parameters
 - Bacteria
 - Nutrients
 - Dissolved Oxygen
- H-GAC's Water Resources Information Map



Bacteria Impairments and Concerns

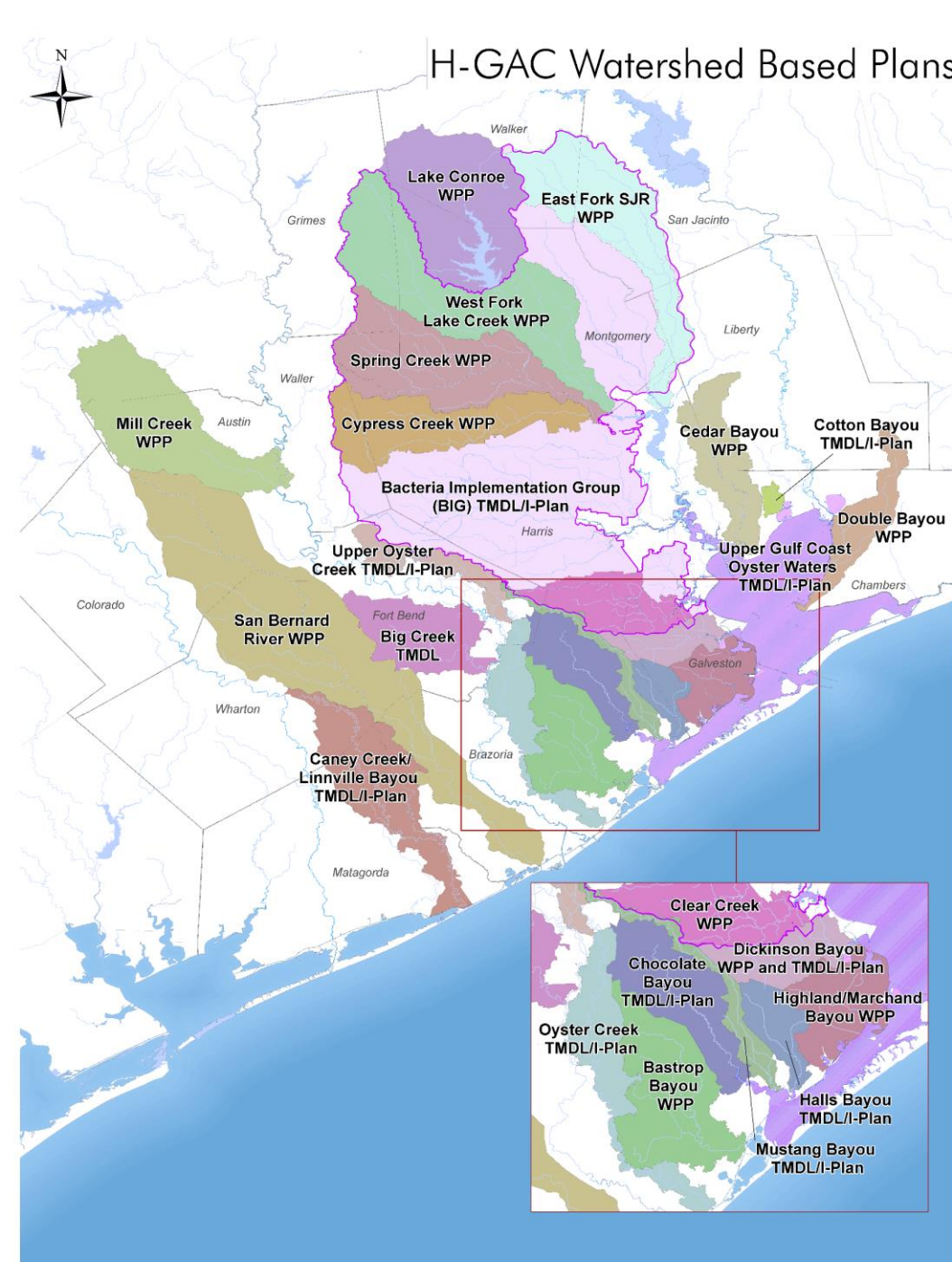


Water Quality Impairments

- TCEQ's 2022 Integrated Report for Surface Water Quality

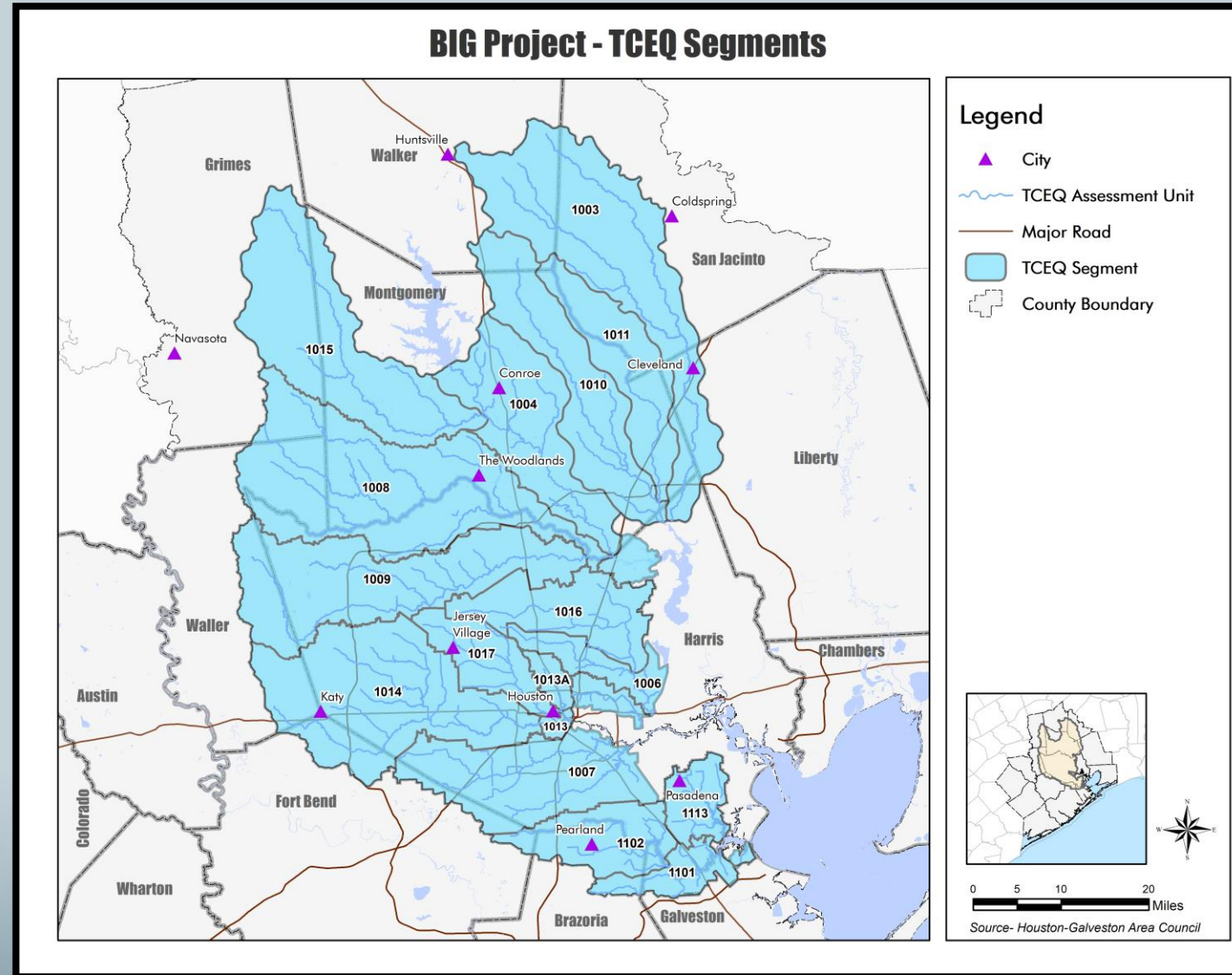
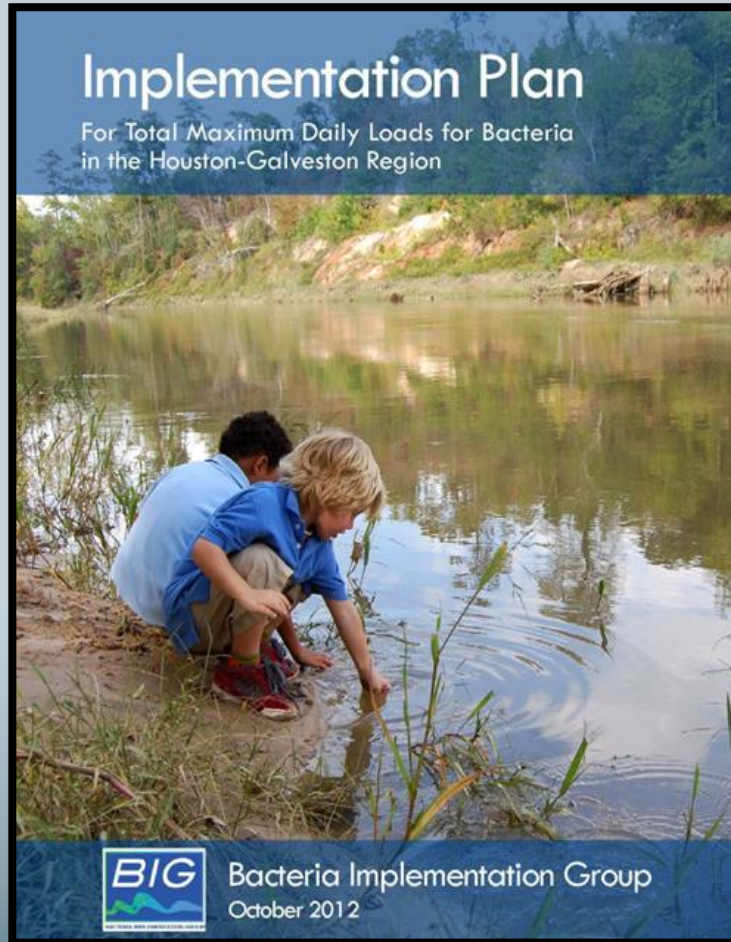
<https://www.tceq.texas.gov/waterquality/assessment/22twqi/22txir>

H-GAC Watershed Based Plans

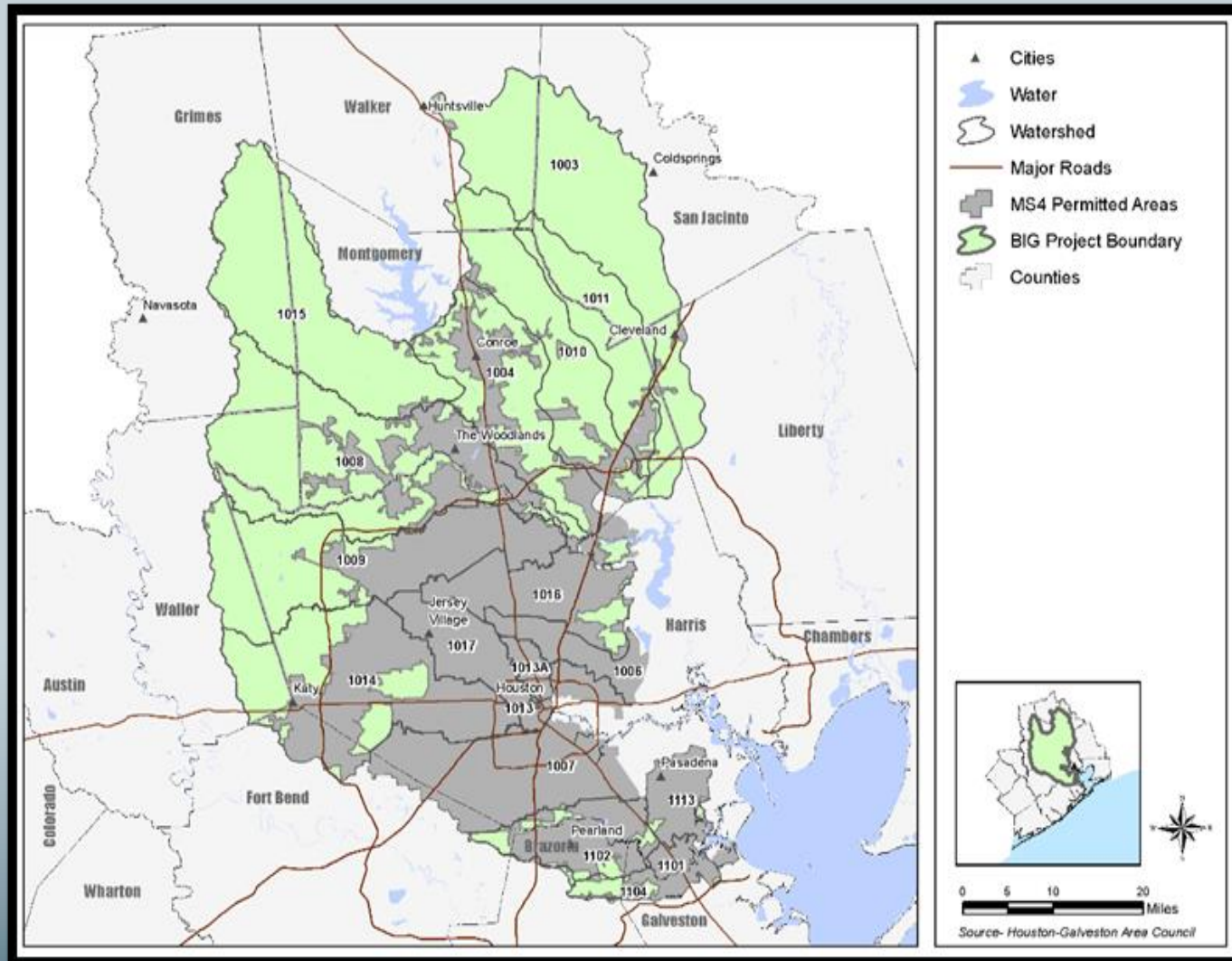


Watershed-Based Plans

Bacteria Implementation Group



Census Designated Urbanized Area

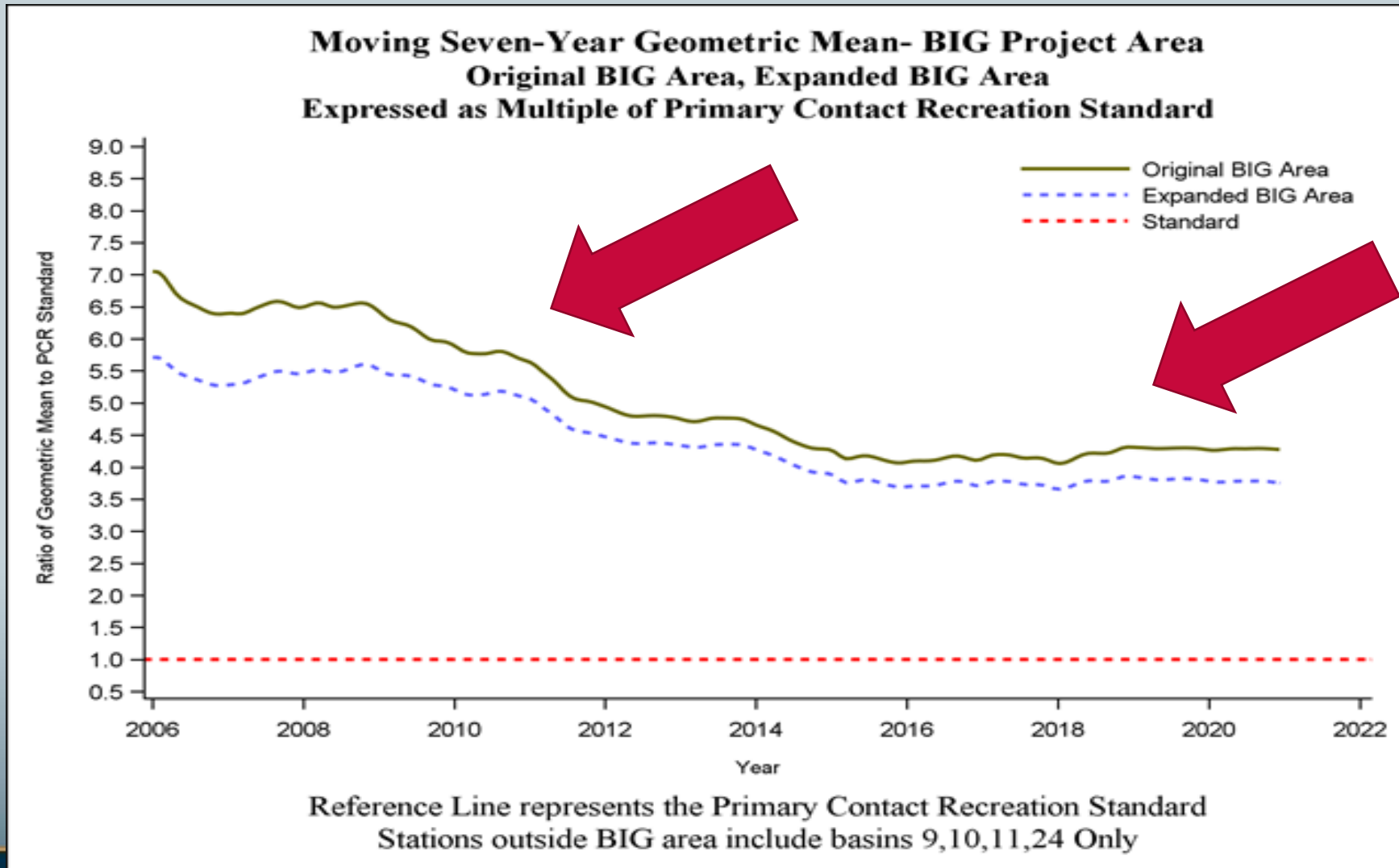


- Area – 1,382 sq miles or 42.21% BIG Project Area
- 120+ Municipal Separate Storm Sewer System Phase II
- Four Phase I

Implementation and Opportunities



BACTERIA TREND IN BIG PROJECT AREA – HOW DO WE MOVE THE NEEDLE?



Are You Ready to Share Your Stories?



- Success breeds success
- What worked?
- What didn't work?

- We want to share your success with others!

Enjoy Today's Workshop!

- Todd Running, Water Resources Manager
Houston-Galveston Area Council
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