

TMDL Calculations Workshop

April 20, 2021

Hannah Allen, Environment and Development Planner II

North Central Texas Council of Governments

Webinar Procedures

- This webinar will be recorded and posted to the NCTCOG TMDL webpage under the green banner labeled “Workshops”
 - www.nctcog.org/TMDL
- All registrants and attendees will receive an email with the presentation slides and a subsequent email when the recording is posted.
- Please keep your microphone on mute until the Question-and-Answer period at the end of the presentations.
 - Questions can also be typed into the chat box.
- Thank you!

What is the North Central Texas Council of Governments?

- Voluntary association of local governments
- Established in 1966
- Assists local governments in:
 - Planning for common needs
 - Cooperating for mutual benefit
 - Recognizing regional opportunities
 - Resolving regional problems
 - Making joint decisions

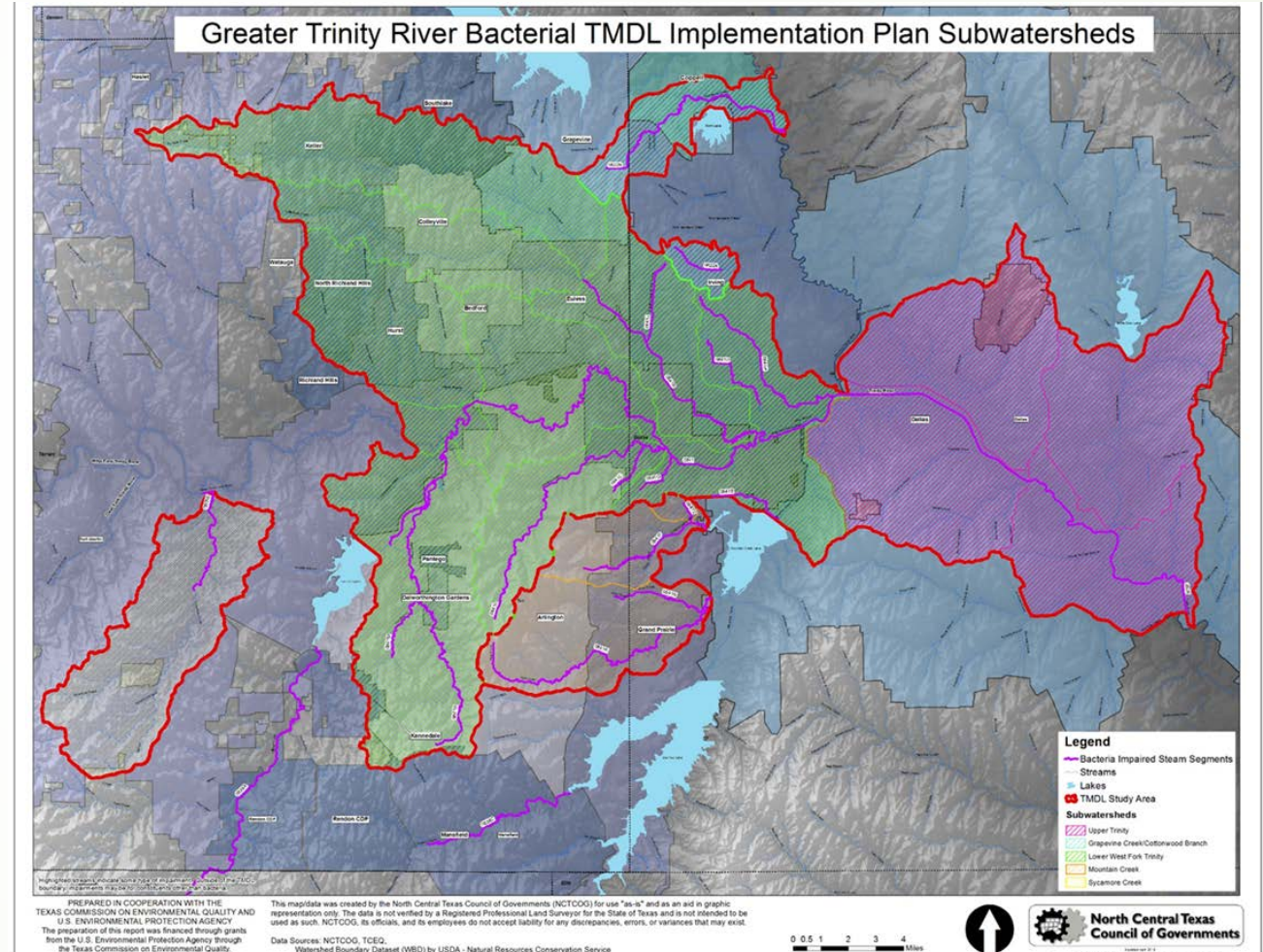


Bacteria Impairments in the DFW Metroplex

- ▶ What does impairment mean?
 - ▶ A waterway is not meeting state water quality standards for its designated use.
- ▶ What could be causing the impairment?
 - ▶ Pet waste,
 - ▶ Sanitary sewer overflows,
 - ▶ Agricultural practices,
 - ▶ Wastewater treatment plants,
 - ▶ Illicit discharges,
 - ▶ Onsite sewage facilities (septic systems), and
 - ▶ Wildlife waste
- ▶ What is a total maximum daily load (TMDL)?
 - ▶ A budget for a pollutant that a waterway can receive and still safely maintain its designated use.

Greater Trinity River Bacterial TMDL Implementation Plan Subwatersheds

- Upper Trinity River Segment 0805
- Elm Fork Tributaries of Grapevine Creek and Cottonwood Branch
- Lower West Fork Trinity River Segment 0841 and 11 of its tributaries
- Upstream of Mountain Creek Lake Segments 0841F, 0841K, 0841N, 0841Q, and 0841V
- Sycamore Creek Segment 0806E



How is NCTCOG working with local governments to address TMDLs?



Approved by the Commission: December 11, 2013
Approved by the Coordination Committee: July 11, 2012
Revised by the Coordination Committee: June 13, 2019

Implementation Plan Twenty-Two Total Maximum Daily Loads for Bacteria in the Greater Trinity River Region

Upper Trinity River

Segment 0805
Assessment Units 0805_03 and 0805_04

Cottonwood Branch and Grapevine Creek

Segments 0822A and 0822B
Assessment Units 0822A_02 and 0822B_01

Lower West Fork Trinity River

Segments 0841, 0841B, 0841C, 0841E, 0841G, 0841H, 0841J, 0841L, 0841M, 0841R, 0841T, and 0841U
Assessment Units 0841_01, 0841_02, 0841B_01, 0841C_01, 0841E_01, 0841G_01, 0841H_01, 0841J_01, 0841L_01, 0841M_01, 0841R_01, 0841T_01, and 0841U_01

Mountain Creek Lake Tributaries

Segments 0841F, 0841K, 0841N, and 0841V
Assessment Units 0841F_01, 0841K_01, 0841N_01, and 0841V_01

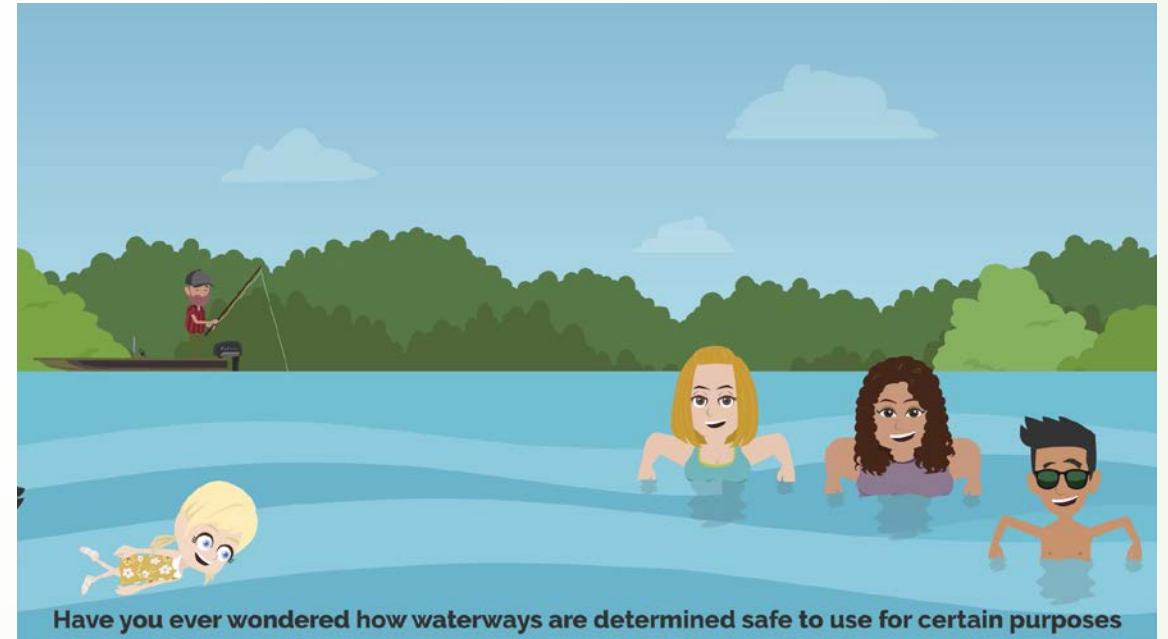
Sycamore Creek

Segment 0806E
Assessment Unit 0806E_01

- Through the Implementation Plan, NCTCOG works with local governments to implement best management practices (BMPs) to reduce the sources of bacteria. The I-Plan includes BMPs for
 - Participation in regional initiatives,
 - Education and outreach,
 - Ordinance, guideline, or management plan adoption, and more!
- This Implementation Plan also guides the projects and workshops selected by the TMDL Coordination Committee. This document was recently updated to include North Fork Fish Creek and is now ADA compliant!

2021 Projects, Available Resources, Other Activities

- In Progress:
 - What is a Total Maximum Daily Load? Educational Explainer Video
 - On-Site Sewage Facility (OSSF) Social Media Toolkit
- Available Resources:
 - [OSSF Instructional Guide](#)
 - [Doo the Right Thing Social Media Toolkit](#)
 - [Avian Feeding Social Media Toolkit](#)
 - [Avian Feeding Signage](#)
- Other Activities:
 - Quarterly Newsletters
 - Annual Program Summary



Jimmy Millican

Assistant Research Scientist

Texas Institute for Applied Environmental Research (TIAER)

Macayla Coleman

Environmental Permit Specialist

Water Quality Division, Texas Commission on Environmental Quality (TCEQ)

Questions?

Upcoming Meetings

- ▶ **TMDL Stormwater Technical Subcommittee Meeting**
 - ▶ May 4, 2021 at 9:30 AM via Microsoft Teams
- ▶ **TMDL Wastewater Technical Subcommittee Meeting**
 - ▶ May 13, 2021 at 9:30 AM via Microsoft Teams
- ▶ **TMDL Coordination Committee Meeting**
 - ▶ July 1, 2021 at 9:30 AM via Microsoft Teams
- ▶ **Wastewater and Treatment Education Roundtable Meeting**
 - ▶ July 8, 2021 at 10:00 AM via Microsoft Teams
- ▶ **Upper Trinity River Basin Coordinating Committee Meeting**
 - ▶ August 17, 2021 at 9:30 AM, location TBD

Contact

Hannah Allen

Environment and Development Planner II

hallen@nctcog.org

817-695-9215

Cassidy Campbell

Senior Environment and Development Planner

ccampbell@nctcog.org

817-608-2368

Tamara Cook

Senior Program Manager

tcook@nctcog.org

817-695-9221

Connect



Facebook.com/nctcogenv



@nctcogenv



nctcogenv



youtube.com/user/nctcoged



EandD@nctcog.org



nctcog.org/envir