TMDL Calculations Workshop

April 20, 2021
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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](http://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?

- 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)
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
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