

Joint TMDL Stormwater & Wastewater Technical Subcommittee Meeting

August 14, 2024

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1. Meeting Overview

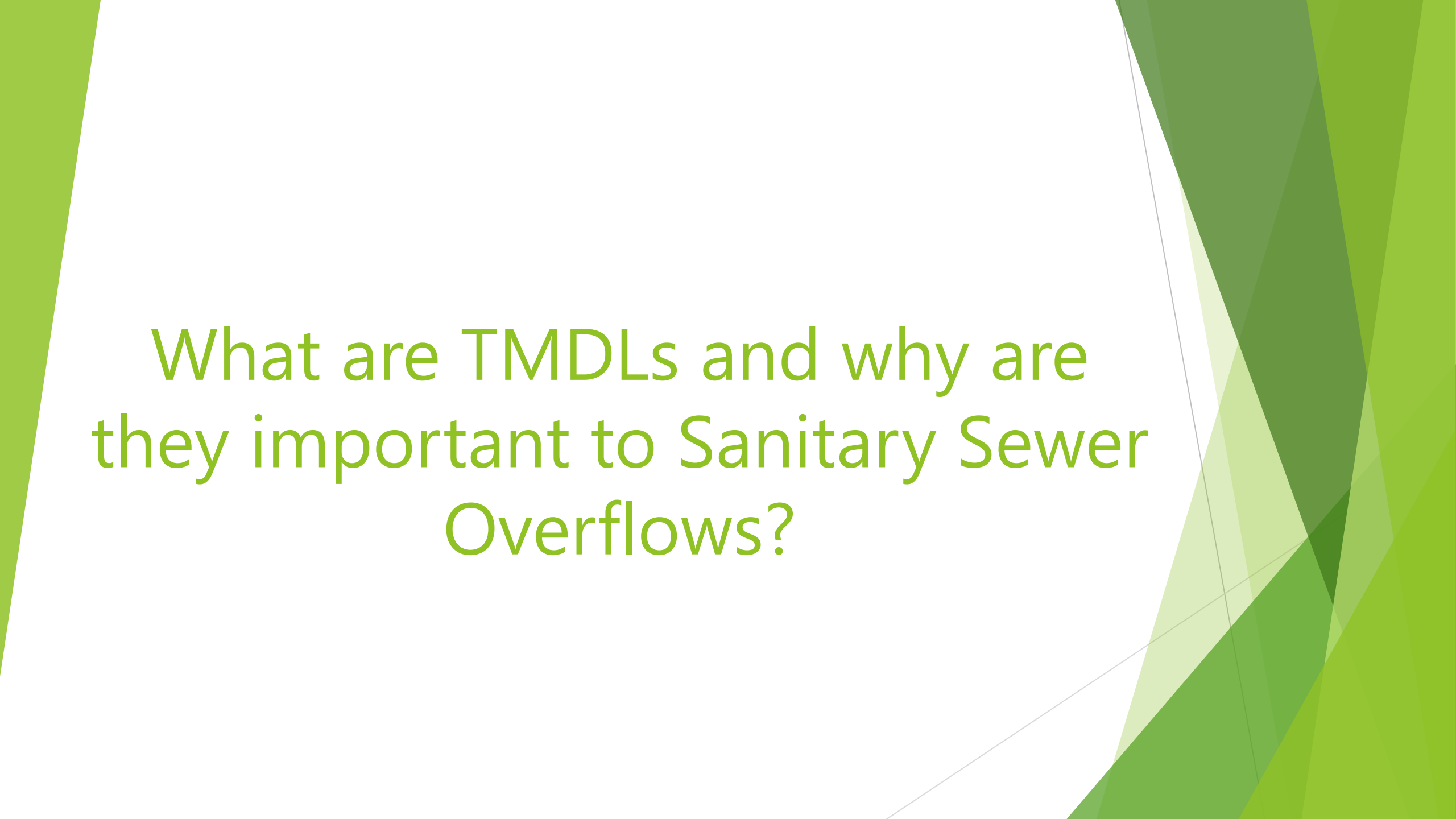
2. Welcome and Introductions

3. Meeting Summary. The May 9, 2024 Joint TMDL Stormwater & Wastewater Technical Subcommittee meeting summary will be presented for approval.

4. Stormwater Project Discussion

TMDL Stakeholder Slides

- Draft available online for review
- Requesting feedback today; deadline for comments is August 30, 2024.
- Final version will be posted online and shared in the September 2024 TMDL newsletter.

The background features abstract, overlapping geometric shapes in various shades of green, ranging from light lime to dark forest green. The shapes are primarily triangles and polygons, creating a dynamic, layered effect. The central area is white, providing a clear space for the text.

What are TMDLs and why are they important to Sanitary Sewer Overflows?

What is a TMDL?

- ▶ A TMDL (Total Maximum Daily Load) is a water quality improvement project — process is a science-based approach preventing waterways from becoming dangerous to use. A TMDL is a numerical value that represents the highest amount of a pollutant a surface water body can receive and still meet the standards. A TMDL is like a budget for pollutants for impaired waterbodies. It estimates the amount of a pollutant like that a water body can receive and still support its designated uses like fishing, general recreation and general support of aquatic life. In North Central Texas, the primary pollutant of concern is *E. coli*.

What is *E. coli* and Where does it come from?

- ▶ *Escherichia coli*, commonly known as *E. coli*, is a type of bacteria. Specific strains of *E. coli* can cause food poisoning and lead to symptoms such as severe abdominal cramps, watery stool (which may be bloody), vomiting, and fever. These harmful strains can be transmitted through contaminated food, **Contaminated Water**, or person-to-person contact.
- ▶ *E. coli* can come from a variety of sources, including pet waste, sanitary sewer overflows, agricultural practices, wastewater treatment plants, illicit discharge, septic systems, wildlife waste, and more.

What are SSOs and What Causes them?

- ▶ Sanitary Sewer Overflows (SSOs) occur when untreated or partially treated sewage is released from a municipal sewer system into the environment. These overflows can carry harmful bacteria, viruses, protozoa, helminths (intestinal worms), and inhaled molds and fungi. It's essential to address SSOs promptly to protect public health and prevent environmental damage.
- ▶ Sanitary Sewer Overflows (SSOs) occur when areas of the sewer system have exceeded capacity. They can be caused by extreme rainfall, **obstructions in sewer lines**, sewer main breaks, or improper sewer design. SSOs can discharge to surface waters, streets, parklands, buildings, or other property.

How to Prevent SSOs?

- ▶ SSOs can be prevented by only flushing the three P's: Pee, Poop, and Toilet Paper and properly disposing of Fats, Oils, and Grease (FOGs).
- ▶ FOGs should always be thrown in the trash or recycled in a grease trap. Though they are liquid at room temperature, FOGs solidify and trap other materials which causes blockages in pipes and drains.
- ▶ Limiting harsh and toxic chemicals like cleaning products that go down the drain also help in preventing SSOs.
- ▶ Materials such household products (including some marked 'flushable') such as baby wipes, facial wipes, sanitary pads, and tampons. All of these create blockages as well.



The preparation of this document was financed through funding from the Texas Commission on Environmental Quality.

The North Central Texas Council of Governments (NCTCOG) is working with stakeholders to implement best management practices to address and prevent bacteria impairments in the North Central Texas region.

To view the current Implementation Plan, or to utilize available resources, please visit www.nctcog.org/TMDL

4. Stormwater Project Discussion

Potential Projects

- Social Media Toolkits
- School Presentations
- Misc. Educational Materials
- Virtual Trainings/Webinars

Potential Topics

- Discouraging Avian Feeding
- Feral Hogs
- Doo the Right Thing/Pet Waste
- Green Infrastructure/Low Impact Development
- General TMDL information

5. Wastewater Project Discussion

Draft TMDL Wastewater Educational Flyers

- [Draft available online for review](#)
- Requesting feedback today; deadline for comments is August 30, 2024.
- Final version will be posted online and shared in the September 2024 TMDL Newsletter.

TO PROTECT OUR WATER WAYS

DO THIS

NOT THAT

FOGS

FATS, OILS, & GREASE
SHOULD BE DISPOSED
OF IN THE TRASH OR
RECYCLED IN A GREASE
TRAP

DO NOT PUT FOGS
DOWN THE DRAIN .
THEY CAN SOLIDIFY
AND CAUSE
BLOCKAGES IN PIPES.

THE 3 P'S

ONLY FLUSH PEE, POOP,
& TOILET PAPER.
RESPONSIBLY DISPOSE
OF CLEANING PRODUCTS
AND MEDICINES.

DO NOT FLUSH WIPES
NO MATTER WHAT.
NO FLUSHING
SANITARY PADS OR
TAMPONS.

Making these changes leads to less clogs in our wastewater systems.
This helps protect our environment and keeps bacteria from entering
our water ways.

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TO PROTECT OUR WATER WAYS

TRASH THIS



PAPER TOWELS



CLEANING WIPES



PERIOD PRODUCTS

RECYCLE THAT



FATS, OILS & GREASE



MEDICINE



CLEANING PRODUCTS

Making these changes leads to less clogs in our wastewater systems. This helps protect our environment and keeps bacteria from entering our water ways.



5. Wastewater Project Discussion

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Potential Topics

- On-Site Sewage Facilities
- General Wastewater Messaging
- Fats, Oils, and Grease
- Sanitary Sewer Overflow BMPs and reporting
- Liquid Waste Management/Hauler Programs

6. NCTCOG Updates and Roundtable

- Upcoming TMDL Meetings:
 - **Upper Trinity River Basin Coordinating Committee:** August 20, 2024 at 9:30 AM via Microsoft Teams
- TMDL Roster Update Request
- Other Updates:
 - 25th Annual Public Works Roundup: August 22, 2024 at Hurst Conference Center

6. NCTCOG Updates and Roundtable

➤ **Upcoming Meetings:**

- Regional Stormwater Management Coordinating Council: August 21, 2024 at 9:30 AM at NCTCOG Offices
- Water Resources Council: October 9, 2024 at 10:30 AM at NCTCOG Offices
- Stormwater Public Education Task Force: October 16, 2024 at 10:30 AM, via Microsoft Teams
- Wastewater and Treatment Education Roundtable Lunch and Learn: October 17, 2024, details forthcoming

Roundtable

What is happening in your community?

Discussion

7. Schedule for next meeting:

- ▶ Next meeting tentatively scheduled for December 2024, via Microsoft Teams

8. Adjournment

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