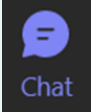


Total Maximum Daily Load Implementation Plan Updates & Next Steps

Monday, November 3, 2025

Joy Douglas, E&D Planner

Welcome & Introductions

- ➡ The meeting agenda, presentation & handouts are located: [NCTCOG - Bacteria Total Maximum Daily Load Program](#)
- ➡  Please use the chat function to add your name & organization for attendance
- ➡  Please mute your line

How TMDLs Work?

- Budget for pollutants for impaired waterbodies
- Estimates amount of a pollutant a water body can receive to still support designated uses
- Pollutant load reduction measures are developed in an I-Plan
- TMDL joins state's WQMP after TCEQ adoption & EPA approval



I-Plan Overview

- Outlines steps to reduce pollutant loads & restore water quality
- Identifies sources of pollution
- Sets reduction goals
- Outlines actions
- Engages stakeholders
- Essential for translating scientific goals into actionable steps



Revisions Background

- Voluntary activities designed to improve water quality through regular evaluation components
- Periodic revisions to ensure sustainability of measures & goals within I-Plan

I-Plan Strategy Summary Elements:

- Potential Load Reductions
- Technical & Financial Assistance Needed
- Education Component
- Schedule of Implementation
- Interim Milestones
- Progress Indicators
- Monitoring Component
- Responsible Entities

I-Plan Strategy Task Force Meeting Recap

- Strategy 1.0: Wastewater
- Strategy 2.0: Stormwater
- Strategy 3.0: Planning & Development
- Strategy 4.0: Pets, Livestock, & Wildlife
- Strategy 5.0: On-site Sewage Facilities
- Strategy 6.0: Monitoring Coordination
- Strategy 7.0: Education & Outreach

I-Plan Section	Activity Category	Focus of Implementation Activities*
Implementation Strategy 1.0	Wastewater	SSO prevention, effluent monitoring, FOG program participation, liquid waste programs, and infrastructure funding and management.
Implementation Strategy 2.0	Stormwater	BMP pilot projects and funding, regional stormwater management program participation, local SEPs, and land use and business operation risk analysis.
Implementation Strategy 3.0	Planning and Development	Green infrastructure and low impact development standards adoption by municipalities for internal projects and ordinances, municipal ordinance evaluation, and construction site standards.
Implementation Strategy 4.0	Pets, Livestock and Wildlife	Feral hog management, livestock evaluation, pet and livestock waste control measures, avian management plan, and public outreach.



Implementation Strategy 5.0	Onsite Sewage Facilities	OSSF education for homeowners and real estate agents, funding for and conversion from failing OSSFs, and ATU maintenance.
Implementation Strategy 6.0	Monitoring Coordination	Routine sampling and data assessment for BMP efficacy, source identification, and monitoring coordination forum.
Implementation Strategy 7.0	Education and Outreach	Modification of existing programs for bacteria-specific information, online BMP library, TEA curriculum, funding and partnerships, and bacteria-specific outreach.
Implementation Strategy 8.0	Best Management Practices Library	Online BMP Library for stakeholders including provisions for Implementation Strategies 1.0 – 7.0.
Implementation Strategy 9.0	Implementation Strategy Evaluation	Annual review by technical subcommittees of respective Implementation Strategies with recommendations to Coordination Committee for potential changes, additions, or deletions to I-Plan.

I-Plan Strategy 1.0: Wastewater

- Focus of implementation activities:
 - Sanitary sewer overflow prevention
 - Effluent monitoring
 - Fats, oils, & grease program participation
 - Liquid waste programs
 - Infrastructure funding & management
- Task Force members gave revision input on strategy



I-Plan Strategy 1.0: Wastewater Task Force Revision

Schedule of Implementation	<u>Current:</u> By 2018, all non-participating MS4s will have been contacted by Coordination Committee members, either as a whole or individually By 2028, SSOI/C-MOM participation will increase by 15% <u>Revised:</u> All non-participating MS4s will be a priority for contact by Coordination Committee members, either as a whole or individually With the goal of increasing SSOI/C-MOM participation by 15% annually or every 5 years
Interim, Measurable Milestone	<u>Current:</u> By 2018, 100% contact of non-participants <u>Revised:</u> Setting a goal of contacting x number of non-participants annually to completing a full cycle of contact by the 5-year re-evaluation point for the implementation status report.

I-Plan Strategy 2.0: Stormwater

- Focus of implementation activities:
 - BMP pilot projects & funding
 - Regional stormwater management program participation
 - Local supplemental environmental projects
 - Land use
 - Business operation risk analysis
- Task Force members gave revision input on strategy



I-Plan Strategy 2.0: Stormwater Task Force Revision

2.0.1.2: Inclusion of bacteria load reduction in Pollution Prevention Peer-to-Peer program and evaluation of modified Peer-to-Peer program for five years

Peer-to-Peer is a program of the RSWMP's Pollution Prevention (P2) Task Force. The program provides site visits to assess good housekeeping procedures in MS4s which can result in cost savings in production, materials, and disposal; increase public awareness of local water quality issues; and provide safer working conditions for city/county staff.

The Coordination Committee requests the RSWMCC direct the P2 Task Force to expand the existing Peer-to-Peer review program to include awareness about good housekeeping procedures that may help reduce bacteria loading. Additionally, the Committee requests the P2 Task Force continue the modified Peer-to-Peer program over a five-year permit term allowing for reevaluation of program effectiveness.

This strategy is being recommended to be moved to the Education and Outreach strategy scope. Task force meeting attendees expressed there was interest in the program and its effectiveness, but it is not able to be completed as outlined within the Regional Stormwater Management Program's Pollution Prevention (P2) Task Force.

I-Plan Strategy 3.0: Planning & Development

- Focus of implementation activities:
 - Green infrastructure & low impact development standards adoption by municipalities for internal projects & ordinances
 - Municipal ordinance evaluation
 - Construction site standards
- No feedback received from Task Force members
- Final call for feedback



PLANNING & DEVELOPMENT

10 MARCH 2025 11:00 AM - 12:30 PM

THE MEETING WILL BE HELD VIA MICROSOFT TEAMS

TASKFORCE

The graphic features a light green background with a rounded rectangle border. At the top, the words "PLANNING & DEVELOPMENT" are written in large, bold, green capital letters. Below this, the date "10 MARCH 2025" and time "11:00 AM - 12:30 PM" are displayed in green text within rounded green boxes. In the center, there is an illustration of two stylized figures working on a large lightbulb that is shaped like a gear. One figure is holding a pencil, and the other is using a wrench. To the right of the lightbulb are several interlocking gears. Below the illustration, the text "THE MEETING WILL BE HELD VIA MICROSOFT TEAMS" is written in green capital letters. At the bottom, the word "TASKFORCE" is written in large, bold, green capital letters.

I-Plan Strategy 4.0: Pets, Livestock, & Wildlife

- Focus of implementation activities:
 - Feral hog management
 - Livestock evaluation
 - Pet & livestock waste control measures
 - Avian management plan
 - Public outreach
- Task Force members gave revision input on strategy



I-Plan Strategy 4.6: Distribution of Pet Waste Education Materials Task Force Revision

- Doo the Right Thing: existing public education program
- Helps MS4s in Regional Stormwater Management Program educate citizens
- Pet waste education materials available for distribution
- Coordination Committee encourages entities with pet adoption or pet registration programs to include distribution of pet waste education materials

Interim, Measurable Milestone	Increase in ordering of Doo the Right Thing materials through RSWMP Cooperative Purchase Having NCTCOG purchase pet waste material and measuring how many entities use them/reach out for them
--------------------------------------	---

I-Plan Strategy 5.0: On-site Sewage Facilities

- Focus of implementation activities:
 - OSSF education for homeowners & real estate agents
 - Funding for & conversion from failing OSSFs
 - ATU maintenance
- Task Force members gave revision input on strategy



I-Plan Strategy 6.0: Monitoring Coordination

- Focus of implementation activities:
 - Routine sampling & data assessment for BMP efficacy
 - Source identification
 - Monitoring coordination forum
- Feedback received: redundant; remove or include parts in other similar strategies
- Final call for feedback



I-Plan Strategy 6.0: Monitoring Coordination Task Force Feedback

- Is 6.0 still needed?
- Duplication of work elsewhere in I-Plan
- Possibly modify to an education & outreach component specific to monitoring coordination

I-Plan Strategy 7.0: Education & Outreach

- Focus of implementation activities:
 - Modification of existing programs for bacteria-specific information
 - Online BMP library
 - TEA curriculum
 - Funding & partnerships
 - Bacteria-specific outreach
- Task Force members gave no feedback on this strategy
- Any final feedback?



Timeline of Next Steps

Through Fall/Winter 2025/2026

- Continue draft revisions to strategies
- Update maps, tables, & other information

Spring 2026

- Finalize draft revisions
- Stakeholder review meeting for final draft revisions

January 16, 2026

- Final deadline for feedback

Summer 2026

- Present finalized draft revisions to TMDL-CC

Questions or Comments?



Model Development & Floodplain Ordinances Workshop

Purpose: To receive feedback on elements such as green stormwater infrastructure & nature-based solutions to incorporate into a model development code & model floodplain ordinance for flood prevention & mitigation.

Intended Audience: Anyone with technical expertise, experience, or interest in the areas of flood prevention or mitigation using development or floodplain regulatory tools.



Thursday, January 29, 2026, 10:00 am-12:00 pm



NCTCOG, 616 Six Flags Drive, Centerpoint II,
Arlington, Transportation Council Room



Hybrid meeting format



For more info, visit <http://www.nctcog.org/TSI>

Register Here:



<https://www.addevent.com/event/fcqvl7r29868>



Contact

Joy Imagie-Douglas

Environment & Development Planner

jdouglas@nctcog.org

(817) 422-5876

Erin Blackman

Environment & Development Senior
Planner

eblackman@nctcog.org

(817) 608-2360

Connect



Facebook.com/nctcogenv



@nctcogenv



nctcogenv



youtube.com/user/nctcoged



E&D@nctcog.org



nctcog.org/TMDL