

# Integrated Stormwater Management (iSWM) Subcommittee Meeting

Staff Planner: Casey Cannon

March 30, 2022



North Central Texas  
Council of Governments  
Environment & Development

# Agenda

## 1. **Welcome and Introductions**

### **PRESENTATION/ACTION ITEMS**

2. **Approval of January 12, 2022, Meeting Summary.** A vote on the [meeting summary](#) as presented.
3. **Task Order 6 (Work Scope) Updates.** Task Order project updates by consultants Half Associates.
4. **Discuss iSWM Outcome 17 (Water Quality) Process.** Staff will update the Subcommittee on the status of this task.

### **INFORMATION ITEMS**

5. **Regional Public Works Program Update.** NCTCOG staff will provide an update on the FY22 Regional Public Works Program.
6. **Total Maximum Daily Load Program Update.** NCTCOG staff will provide an update on the FY22 Total Maximum Daily Load Program.

### **OTHER BUSINESS AND ROUNDTABLE DISCUSSION**

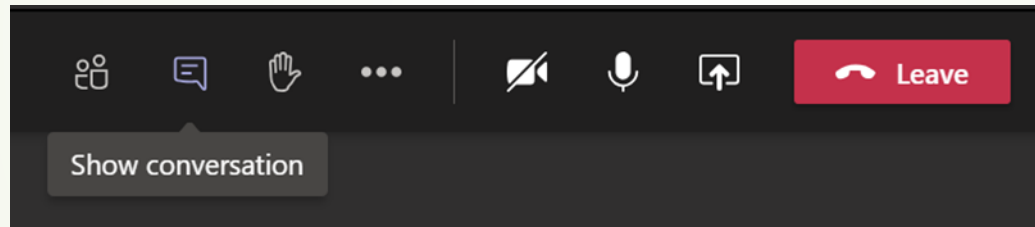
7. **Upcoming Events and Conferences.**
8. **Future Agenda Items and Roundtable Discussion.**
9. **Schedule for the Next Meeting.** The next meeting is scheduled for July 13, 2022.

**Adjournment**



# WELCOME AND INTRODUCTIONS

- The meeting agenda, presentation and handouts are located on the iSWM Subcommittee webpage - <https://www.nctcog.org/envir/committees/public-works-council/iswm-implementation-subcommittee>
- Please use the chat function to add your name and organization for attendance



- Approval of January 12, 2022, [Meeting Summary](#)

# TASK UPDATES



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## SUMMARY OF TASKS

### ONGOING TASKS

- Task 5 – Guidance on Forebay Design
- Task 7 – Technical Assistance for Case Studies/Outcome 17



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## SUMMARY OF TASKS

### TASK 5 – GUIDANCE ON FOREBAY DESIGN

- Draft of memo on Forebay options is available for review
- Please review memorandum and provide feedback; feedback needed by April 15, and final drafts will be presented by May 2
  
- Topics include:
  - Current iSWM guidance on forebay design
  - Multiple options depending on watershed size
    - Advantages and disadvantages
  - Guidance on specific attributes of forebays



PICTURE SOURCE: SARA LID MANUAL

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## SUMMARY OF TASKS

### DISCUSSION ON OUTCOME 17

- Background: In 2014, the iSWM contractor was tasked with meeting with community members. NCTCOG learned that communities did not like the point system, and that the pass/fail grade was perceived as a barrier to communities becoming certified. The subcommittee determined that the point system would not be used moving forward. It was recommended that the water quality option 1 be revised or replaced.

17	Water Quality Protection				Require integrated site design practices; treat the water quality volume; and/or enact regional water quality programs	Section 1.3, Table 1.3; Section 3.2
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# SUMMARY OF TASKS

## DISCUSSION ON OUTCOME 17

### STATUS OF REVIEW

- NCTCOG staff and Halff Associates collaborated to develop initial recommended updates
- Volunteer members recommended putting a greater emphasis on treatment of the water quality volume than on the *integrated* site design practices
- Volunteer group will provide written comments on the changes, which will be taken into consideration by Staff and Halff Associates

### Documents being considered

- Outcome 17 - Criteria manual, Section 1.3 (page 4), 3.2 (page 18) and, Table 1.3 (page 6)
- iSWM Implementation Tiered Measurement Form
- Certified iSWM community's Implementation of Outcome 17



# ISWM 5-YEAR IMPLEMENTATION AND OUTREACH PLAN



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# ISWM 5-YEAR OUTREACH PLAN

## PLAN OBJECTIVES & GOALS

- Increase awareness of iSWM and iSWM principals.
- Identify key agencies, personnel and stakeholders (staff, leadership, elected officials) that need to be engaged through community outreach and with what level of frequency.
- Plan for continuous improvement to the program's technical content and training program.
- Refine the vision and messaging plan to be implemented over the next 5 years.

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# ISWM 5-YEAR OUTREACH PLAN

## IMPLEMENTATION STRATEGIES

■ Specific tasks intended to be executed by the iSWM Implementation Subcommittee intended to meet the objectives and goals

■ Categories:

- iSWM Promotion
- Community Engagement
- Technical Support and Training
- Technical Content

■ These tasks are prioritized based on their recommended implementation timelines.

- • Short Term (Next 1-3 years)
- • Mid-Term (Next 3-5 years)
- • Long Term (Beyond 5-years)



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# ISWM 5-YEAR OUTREACH PLAN

**iSWM Promotion** – enhance iSWM marketing materials

- Case Studies
- Website Updates
- Economic Benefits of iSWM

## Community Engagement

- Developer Outreach
  - Engagement with industry/interest groups
- Additional City Council, Education, & Non-profit Outreach



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# ISWM 5-YEAR OUTREACH PLAN

## Technical Support & Training

- Continuation of annual iSWM implementation and BMP training
- Future training for developers

## Technical Content

- Continue Site Development Controls  
Technical Manual Updates
- Additional Technical Manual Updates
- Additional guidance documents



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# ISWM 5-YEAR OUTREACH PLAN

## CHALLENGES

- Lack of regional consistency in requirements
- Retiring advocates of iSWM
- Leadership turnover in communities

## EVALUATION OF OUTCOMES

- Participation of iSWM communities and subcommittee participants
- Identification of community advocates and consistent collaboration and outreach.
- Approved initiatives in watershed management programs.
- Tracking of GSI implementation sites
- Quantification of water quality volume treated versus untreated.
- Development of an annual Trinity River Watershed 'Report Card'



# iSWM PROGRAM UPDATES

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## Arlington iSWM Application Review

- Arlington's iSWM Application is currently under review. NCTCOG will meet with the Review Board once final review is complete.

## PUBLIC WORKS PROGRAM UPDATE

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- Sustainable Public Rights-of-Way Subcommittee (SPROW),  
Date TBD
  - Discussing green infrastructure and low impact development
- Standard Drawings Subcommittee, April 11<sup>th</sup>, 10am virtual
  - Reviewing Division 4000 Water Distribution and 5000 Wastewater Collection
- Public Works Council (PWC), May 19<sup>th</sup>, 9:30am virtual
  - Cost share invoices were mailed to all cities in the NCTCOG region

For more information on the Public Works program please contact Olivia Kale at [okale@nctcog.org](mailto:okale@nctcog.org) or (817) 695-9213.



# PUBLIC WORKS PROGRAM UPDATE

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- Upcoming trainings and events:
  - Planning for Public Works Roundup, New Inspector Training, and Construction Contracts Administration Workshop is underway.
  - [Public Works Training Calendar](#)

For more information on the Public Works program please contact Olivia Kale at [okale@nctcog.org](mailto:okale@nctcog.org) or (817) 695-9213.

# TMDL PROGRAM UPDATE

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- New Available Resources:
  - “Septic System Maintenance for Homeowners” educational explainer video, available [online](#).
  - “Industrial Facilities and TMDLs: What You Need to Know” FAQ document, available [online](#).
- Upcoming Meetings and Events:
  - **Bacteria Source Tracking Webinar:**  
April 1, 2022 at 10:00 AM via [Microsoft Teams](#)
  - **Avian Management Webinar:**  
May 10, 2022 at 10:00 AM, more details to follow
  - **TMDL Coordination Committee:**  
June 15, 2022 at 9:30 AM via [Microsoft Teams](#)
  - **Upper Trinity River Basin Coordinating Committee:**  
August 16, 2022 at 9:30 AM location TBD

For more information on the TMDL program please contact Hannah Allen at [hallen@nctcog.org](mailto:hallen@nctcog.org) or (817) 695-9215.

# UPCOMING EVENTS, CONFERENCES, AND OPPORTUNITIES

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- [Designing Pedestrian Facilities for Accessibility \(DPFA\) Course for Local Governments](#)
  - May 9-10, 2022 – Virtual
  - Registration available [online](#).
  
- [Association of State Floodplain Managers \(ASFPM\) 2022 Conference](#)
  - May 15-19, 2022 in Orlando, Florida
  - Virtual Conference registration available [online](#).

# ROUNDTABLE DISCUSSION

NOW, IT'S YOUR TURN...

## UPCOMING NCTCOG MEETINGS

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**Next iSWM Meeting: July 13, 2022** at 1:30 p.m.

- Public Works Council Sustainable Public Rights of Way, **TBD**
- Public Works Council Standard Drawings Subcommittee, **April 11, 2022**
- Regional Stormwater Management Coordinating Council, **May 18, 2022**
- Public Works Council Meeting, **May 19, 2022**
- TMDL Coordination Committee, **June 15, 2022**
- Upper Trinity River Basin Coordinating Committee, **August 16, 2022**

Meeting Information at:

<https://www.nctcog.org/envir/committees>

# UPCOMING iSWM Agenda Topics

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## **Next iSWM Meeting: July 13, 2022** at 1:30 p.m.

- Discussion of the proposed new iSWM contract Scope of Work. NCTCOG will need volunteers for scoring committee – please contact Casey Cannon at [ccannon@nctcog.org](mailto:ccannon@nctcog.org) or (817) 608-2323.
- Budget: The Public Works Council approved a 3-year budget, with an option of 2 1-year extensions, with a maximum budget of \$80,000 per year.

# Contact Connect

## Casey Cannon

Environment & Development Planner  
North Central Texas Council of Governments

[ccannon@nctcog.org](mailto:ccannon@nctcog.org)

817.608.2323

## Carolyn Horner

Senior Environment & Development Planner  
North Central Texas Council of Governments

[chorner@nctcog.org](mailto:chorner@nctcog.org)

817.695.9217

## Edith Marvin

Director of Environment & Development  
North Central Texas Council of Governments

[emarvin@nctcog.org](mailto:emarvin@nctcog.org)

817.695.9211



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[EandD@nctcog.org](mailto:EandD@nctcog.org)