Regional Stormwater Management Coordinating Council Meeting

May 8, 2019
Regulatory/Legislative Update
FY2019 Work Program Updates
FY2019 Work Program
PUBLIC EDUCATION TASK FORCE UPDATE

**FY19 Project: Educational Videos**
- Specific topics were identified for short (60-120 seconds) educational videos:
  - Litter
  - Yard & Lawn Care (addressing pesticides & fertilizers)
  - Pool Care
- Drafts of video scripts were created, and revised, based on PETF feedback
- Waiting on a signed contract with an educational video vendor. Expecting to go into production shortly after.

**Public Education and Outreach**
- Attended several Earth Day events to talk about Stormwater and other E&D programs
- Launched Doo the Right Thing Calendar Contest (currently under way!)
FY2019 Work Program
PUBLIC EDUCATION TASK FORCE UPDATE

Doo the Right Thing Calendar Contest
- Contest entry period: May 1\textsuperscript{st} - June 30\textsuperscript{th}
- Public voting period: July 22\textsuperscript{nd} – August 16\textsuperscript{th}
- 20 submissions as of 5/6
- Social media promo materials available in the PETF social media toolkit (online)
  - Text, visuals, newsletter template all included for contest \textit{entry} period
  - Text and visuals for contest \textit{voting} period to be added soon
FY2019 Work Program

POLLUTION PREVENTION (P2) TASK FORCE UPDATE

Training Modules
• NCTCOG staff is still in process of filming required footage
• We will notify you if additional footage/sites are needed
• By July expect to have video drafts ready for:
  • Fleet Maintenance & Material Handling
  • Streets & Drainage Maintenance
• Next will be:
  • Land Disturbance
  • Parks & Grounds Maintenance
  • Solid Waste Management
  • Overview
Automotive Related Business Literature
A flyer and tri-fold for automotive related businesses are currently under development. A third draft will be sent to the Task Force in advance of the July meeting for review and final comment.

Basic and Advanced Dry Weather Field Screening Training
Basic DWFS Training will be held June 20th at Josey Ranch Lake Public Library in Carrollton. Registration is still open! www.nctcog.org/envir/events.

Advanced DWFS training will be held in September at Josey Ranch Lake Public Library in Carrollton. Specific date TBD.
FY2019 Work Program

STORMWATER MONITORING PROGRAM UPDATE

• The Annual Regional Wet Weather Characterization Program Monitoring Report for North Central Texas was transmitted to TCEQ on March 1, 2019.

• Atkins is drafting a stormwater BMP analysis plan. After NCTCOG staff has reviewed the plan, it will go out to Council members for review and comments.
FY2019 Budget Update

• FY2019 Budget - $314,000
• FY2019 Commitments Received as of May 7 - $188,624 (60% of overall budget)
• NCTCOG is calling/emailing reminders about committing to the program for this FY and for those with outstanding invoices
Other NCTCOG Program Updates
INTEGRATED TRANSPORTATION AND STORMWATER MANAGEMENT PROJECT

**WHO:** Project Team Members

A working group of partners and stakeholders to carry out a comprehensive planning effort in Wise County and portions of Dallas, Denton, Ellis, Johnson, Parker, and Tarrant counties.
WHY: Comprehensive, collaborative planning will dissolve silos and improve delivery of consolidated, adaptive infrastructure before expected population growth makes addressing these issues more difficult and costly.
WHERE: Proposed Study Area
NCTCOG Programs

OTHER ENVIRONMENT / DEVELOPMENT PROGRAMS UPDATE

Wastewater & Treatment Education Roundtable

• Holiday Grease Roundup took place from November 26, 2018, to January 7, 2019, and a total of 3,580.05 gallons of FOG was collected.
• New Defend Your Drains (DYD) website
  • Combined Defend Your Drains and Cease the Grease
• Upcoming meeting:
  • June 5, 2019 at 10:00 AM, Metroplex Conference Room, NCTCOG Offices
• WATER Point of Contact: Hannah Allen, hallen@nctcog.org.
NCTCOG Programs
OTHER ENVIRONMENT / DEVELOPMENT PROGRAMS UPDATE

✔ TMDL Water Quality

• Upcoming Meetings:
  • Monitoring Coordination Forum
    • Thursday, May 16 at 9:30 AM
    • Regional Forum Room, NCTCOG Offices
  • Wastewater Technical Subcommittee
    • Wednesday, May 29 at 9:30 AM
    • Regional Forum Room, NCTCOG Offices
  • Stormwater Technical Subcommittee
    • Tuesday, June 4 at 9:30 AM
    • Metroplex Conference Room, NCTCOG Offices
  • TMDL Coordination Committee Meeting
    • Thursday, June 13 at 9:30 AM
    • Regional Forum Room, NCTCOG Offices

More information on www.nctcog.org/TMDL
NCTCOG Programs

OTHER ENVIRONMENT / DEVELOPMENT PROGRAMS UPDATE

New Resources:
Guidance Document: Proprietary Devices
- Draft document produced by Halff (Handout)
- NCTCOG will email out
- Soliciting comments on the document until May 24

Post Construction BMPs Operations, Maintenance, and Inspection (OMI) Practices
- Supplemental appendix for iSWM Criteria Manual
- Reference for understanding recommended OMI practices for most common post construction stormwater management BMPs in North Texas
  - Routine Maintenance
  - Restorative Maintenance
  - Rehabilitative Maintenance
- NCTCOG will email out
- Soliciting comments on the document until May 24

1.0 Overview of OMI for Post Construction BMPS Appendix
1.1 Introduction
This supplemental appendix for the iSWM Criteria manual is intended to be used as a reference for understanding the recommended operations, maintenance, and inspections practices for some of the most commonly used post construction stormwater management BMPs in the North Texas region. These practices are categorized within the following three areas each having similar frequencies and requiring similar levels of expertise and effort:
- Routine Maintenance: High frequency, regular maintenance activities that are generally lower cost and lower effort. These activities may or may not require specialized knowledge of the BMP's
- Restorative Maintenance: Low frequency maintenance activities that are generally higher cost and higher effort. These activities typically require specialized knowledge of the BMP’s, require specialized equipment and staffing and have higher cost implications.
- Rehabilitative Maintenance: These activities are lower frequency events but are associated with risk of much higher costs associated with potential damages and costs.
FY2020 Draft Work Program
FY2020 Work Program Task Force Projects
PUBLIC EDUCATION TASK FORCE

FY20 Project: Plastic Waste and Consumption Reduction

- Objective: Reducing plastic waste and consumption through tie-in to litter control
- Litter tie-in will demonstrate how it winds up in creeks and streams and most of the waste found in these locations are plastic (bags, cups, straws, etc.).
- Project messaging to include:
  - “Whys” with images
  - Common floatables
  - Conscientious consumption
    - Education on plastic alternatives (reusable straws, bags, bottles)
    - Promotion of purchasing from companies that use less, or compostable/recyclable, packaging
- Potential partnership opportunity with the Resource Conservation Council and materials management resources available through NCTCOG websites and campaigns
Online Training Modules
• NCTCOG staff will turn video segments into online training modules
• Will be similar to the SSO and Potable Water Discharge modules available on TDI’s site
• Prioritized Segments are:
  • Fleet Maintenance & Material Handling
  • Streets & Drainage Maintenance
• Next priority is:
  • Land Disturbance
  • Parks & Grounds Maintenance
FY2020 Work Program Task Force Projects

ILLICIT DISCHARGE DETECTION & ELIMINATION (IDDE) TASK FORCE

FY20 Training:
• Basic Dry Weather Field Screening Training
• Industrial Inspectors Workshop

Proposal for Change to Roundtable Format
• Focus on annual rotation of established training.
• Meetings follow a roundtable format with no formal work program.
• Members meet 2-4 times per year to present case studies, discuss IDDE topics, and come up with program tasks organically and as needed. Any proposed projects would be brought to RSWMCC for approval.
FY2020 Work Program Task Force Projects

STORMWATER MONITORING PROGRAM UPDATE

- Monitoring entering second year of the permit term.
- LOAs for FY 2020 will be sent out in July.
- NCTCOG and Atkins to begin drafting the annual report for FY 2020.
- NCTCOG communicating with program participants to gather stormwater BMP data.
2019 Regional Stormwater Management Program Survey

Summary of responses received as of May 5, 2019

Survey Deadline: May 10, 2019
How is stormwater management funded in your community?

Responses: 31

- **58.1%** (Stormwater Utility Fees/Drainage Fees)
- **25.8%** (Taxes/General Fund)
- **6.5%** (Combination of Funds)
- **9.7%** (Connection Fees)
- **0%** (Other Funds)
- **0%** (Other)

Other
- “Real Estate Management Budget”
- “We have no sewers. There are bar ditches throughout town”
If you do not have a stormwater utility fee, why not?

Responses: 12

- 50% Other
- 8.3% Perception of increased costs to development community
- 16.7% Lack of technical knowledge to adopt, implement, or enforce the utility
- 25% Lack of staff support to adopt, implement, or enforce utility and fees

Other:
- “No authority to enforce the utility fee”
- “Upper management doesn’t want to have another fee”
- “Town doesn’t own or charge for any utility”
- “Non-traditional MS4 without utilities”
If you have a Stormwater utility fee, what is it based on?

- Impervious area and units of measure: 60%
- Density: 3.3%
- Not applicable: 30%
- Other: 6.7%

Other
- “Small fee for residence and looking into impervious for commercial”
- “Zoning specification”

Responses: 30
Does your city have a master stormwater drainage plan?

Responses: 29
Does your city currently use software to support the different phases of your stormwater management program?

Responses: 30

80.7% No
16.1% Yes
Have you attended or participated in any of the NCTCOG RSWM program activities in the past?

Responses: 31
Are you aware of the NCTCOG RSWM Cost-Share Program?

- Yes, I am a current paying member: 61.3%
- Yes, but I am not a current paying member: 9.7%
- No, I don't know what this is: 9.7%
- No, but I would like more information about this opportunity: 19.4%

Responses: 31
Are you a member/participant of NCTCOG’s RSWMCC?

- Yes, I regularly attend meetings of the RSWMCC: 25.8%
- Yes, but I don't make it to many of the meetings: 19.4%
- Yes, but I thought you had to be a cost-share member to attend the meeting: 19.4%
- Yes, but I don't receive meeting notifications any longer. How do I get back on the list? 6.5%
- No, I'm not aware of this Council. What does it do? 3.2%
- No, but I would like to know more. How do I sign up for meeting notices and get involved? 0%
What does your entity receive the most value from being a participant in the RSWM program?

<table>
<thead>
<tr>
<th>Attending meetings</th>
<th>Networking with colleagues</th>
<th>Roundtable discussion and hearing lessons learned from colleagues</th>
<th>Guiding development of resources</th>
<th>Using program resources for trainings, residents, etc.</th>
<th>Provides credibility and support when initiating stormwater programs/implementation/leadership</th>
<th>Provides opportunity to identify partners for efforts</th>
<th>Workshops/trainings opportunities</th>
<th>Other</th>
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<tr>
<td>70.8%</td>
<td>25.0%</td>
<td>41.7%</td>
<td>54.2%</td>
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<td>Responses: 24</td>
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The top 5 priorities or areas of interest for your entity relating to stormwater management are

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<tr>
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<th>Priority</th>
<th>Details</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>1st</td>
<td>Providing inspector training for all inspection types</td>
<td>56.7%</td>
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<tr>
<td>2nd</td>
<td>Creation of standard details for stormwater infrastructure and best management practices</td>
<td>46.7%</td>
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<td>3rd</td>
<td>Replacing aging stormwater infrastructure</td>
<td>44.3%</td>
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<td>4th</td>
<td>Reducing sediment load</td>
<td>40.0%</td>
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<td>5th</td>
<td>Increasing public awareness of stormwater management challenges</td>
<td>36.7%</td>
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Responses: 30
What resources can NCTCOG provide to assist you in your stormwater management programs?

- Creating a case study library of resources, best management practices (BMPs) and tools available to support stormwater management: 65.5%
- Develop regional recommendations for stormwater management: 62.1%
- Provide presentations/webinars on NCTCOG stormwater management programs and the available resources: 44.8%
- Provide regional mini-conference or events to share information, peer exchange, and improve knowledge sharing amongst NCT communities and partners: 37.9%
- Development of regional cooperative contracts to support stormwater management implementation: 34.5%
- Host trainings on a variety of stormwater management topics for a variety of audiences: 17.2%
- Other: 3.5%

Responses: 29
From which specific types of training could your city benefit?

- “Creation of standard details for stormwater infrastructure and best management polices”
- “IDDE field staff training, public employee discharge awareness”
  - “Stormwater training videos”
- “Post-construction, BMPs, maintenance, and enforcement”
  - “Construction inspection enforcement”
  - “Stormwater permits, monitoring”

Responses: 19
What additional assistance or resources could/would your city desire to address stormwater management challenges?

- “Preventing Stormwater Pollution at Constructions Sites Field Guide”
- “Annual report review”
- “iSWM construction updates, site development training, get buy-in from developers”
- “Development of policies for floodplain/drainage easements/open space dedication and maintenance”
- “The NCTCOG class to train inspectors on the MS4 program is very expensive. The City has been better served by hiring a consultant to train our inspectors than by sending our inspectors to the NCTCOG class”
- “Material that targets City Councils, specifically”
  - “Post-construction management”
  - “Master drainage plan”

Responses: 13
FY2020 Draft Work Program and Cost Share

FY2020 Draft Work Program
• Presented today for discussion
• Draft will be emailed out
• Comments due May 31
• Final presented for approval at August meeting

FY2020 Regional Stormwater Management Program Cost Share
• Posting commitment forms for FY2020 soon
• Same budget and contribution as FY2019
FY2020 Reappointments Process

FY2020 RSWMCC Reappointments and Appointments
• Reappointment nomination emails will go out in June for terms expiring September 30, 2019
• Full slate of members will be presented at August’s meeting
• Officer election will occur at August’s meetings
Upcoming Events and Conferences

TCEQ Environmental Trade Fair and Conference
Austin, TX - May 14-15, 2019
Registration: [https://www.tceq.texas.gov/p2/events/etfc/etf.html](https://www.tceq.texas.gov/p2/events/etfc/etf.html)

20th Annual Public Works Roundup
Grapevine Convention Center – May 21, 2019
8:30am – 4:00pm
More information: [https://www.nctcog.org/envir/public-works/annual-public-works-roundup](https://www.nctcog.org/envir/public-works/annual-public-works-roundup)

EPA 21st Annual Region 6 Stormwater Conference
Denton, TX - July 28-August 1, 2019
Embassy Suites by Hilton Denton Convention Center
Other Notices

NCTCOG's FEMA CHARM School
**CHARM Map Application Training**
May 14 – 16
University of Texas at Arlington Engineering Laboratory Building
Arlington, Texas
Register: [https://www.nctcog.org/envir/events](https://www.nctcog.org/envir/events)

Urban BMPs for Watershed Planning Training
May 30, 2019
Texas A&M AgriLife Center
Dallas, Texas
Upcoming Trainings and Meetings

Basic and Advanced Dry Weather Field Screening Training
June 20, 2019
Josey Ranch Lake Public Library
Carrollton
Registration: www.nctcog.org/envir/events

IDDE TASK FORCE
July 7, 2019
Six Flags Conference Room

PETF TASK FORCE
July 17, 2019
Tejas Conference Room

RSWMCC
August 14, 2019
9:30 AM
Tejas Conference Room

Pollution Prevention TASK FORCE
Next Meeting TBD
Roundtable Discussion
RSWMCC MEMBERS UPDATE

Now, It's YOUR Turn...