

Regional Stormwater Management Coordinating Council Meeting

February 19, 2019



Special Presentation

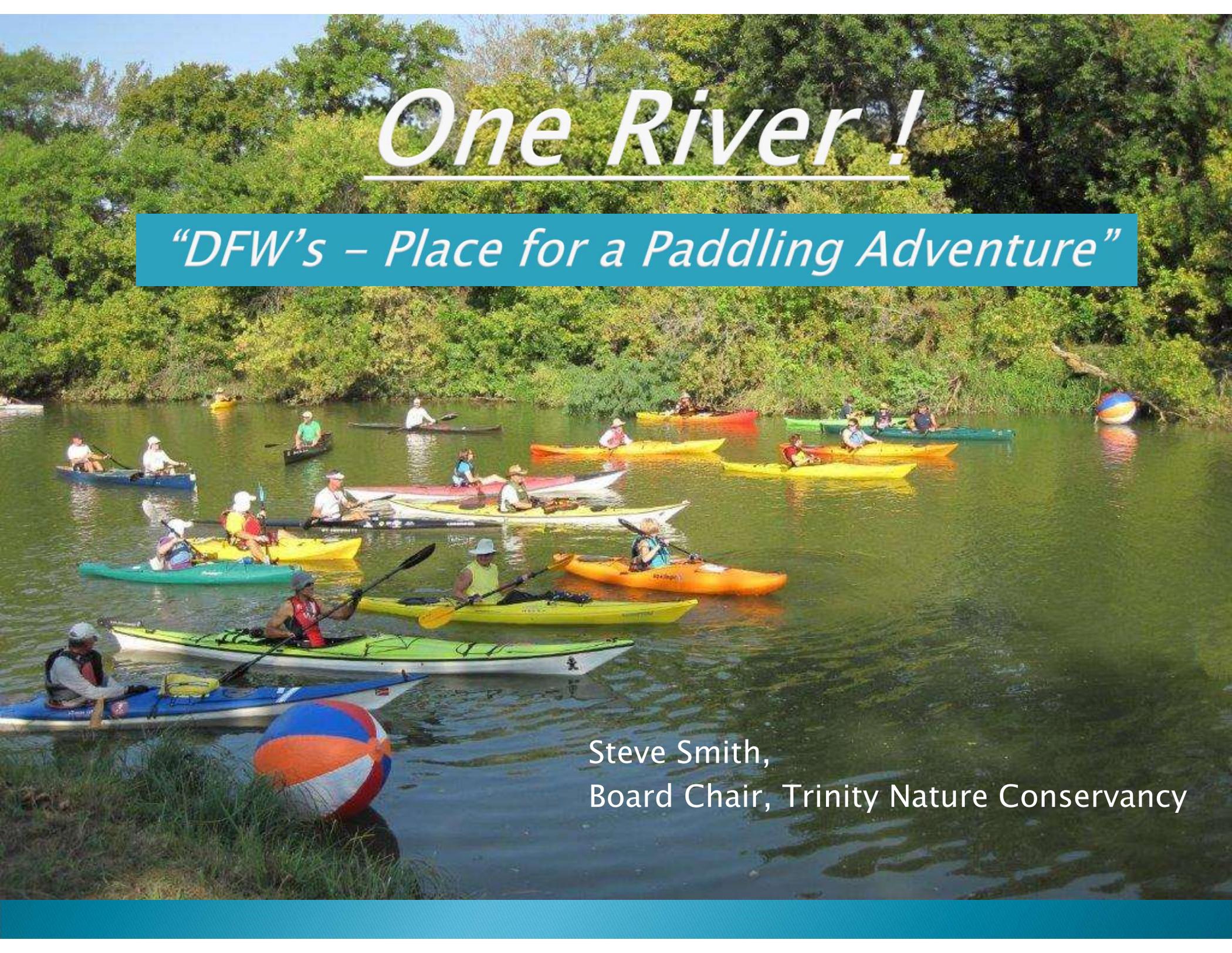
Trinity River National Recreation Trail

Steve Smith
Board Chair
Trinity Nature Conservancy

Trinity Nature
Conservancy

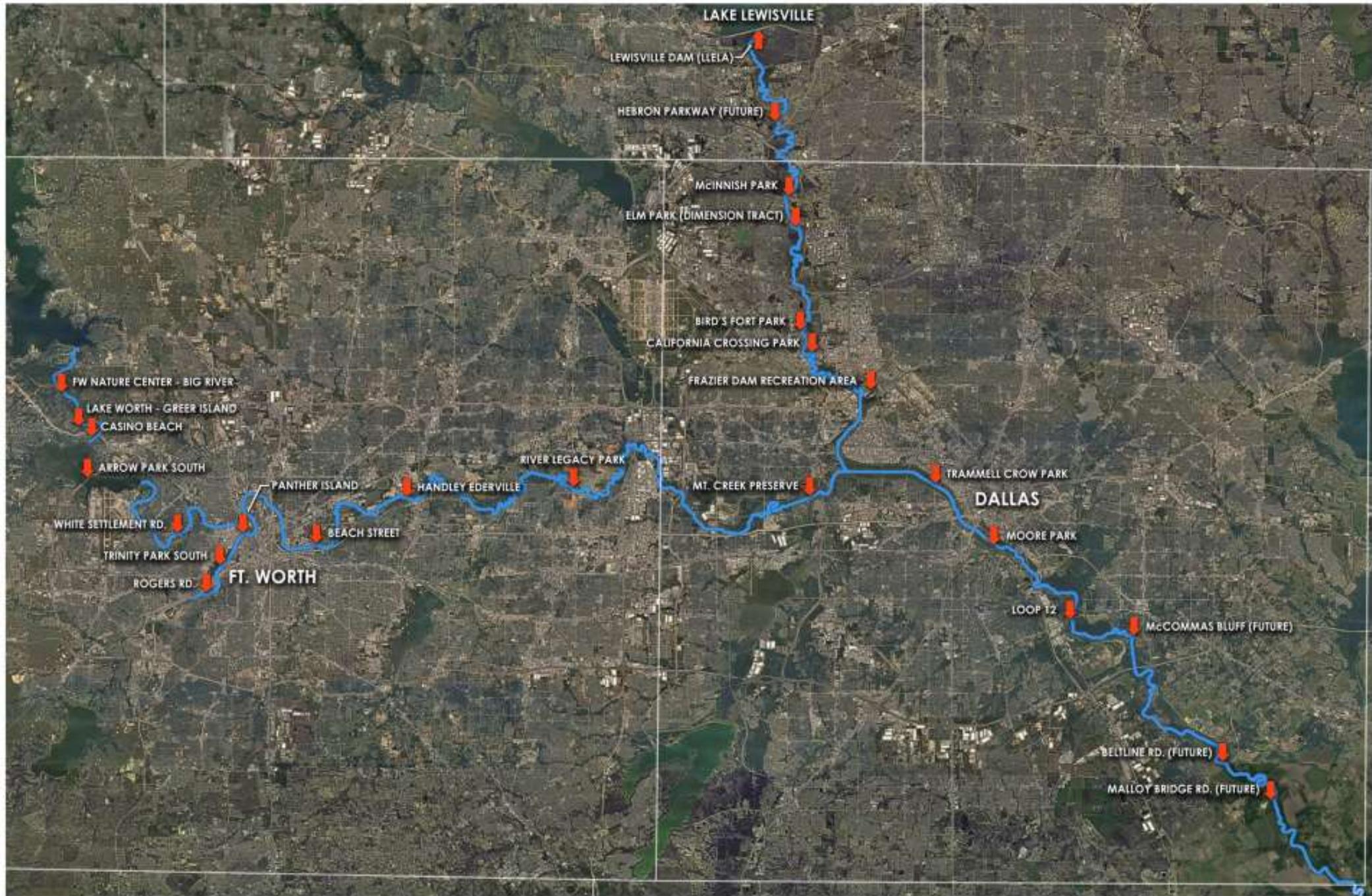
One River!

“DFW’s – Place for a Paddling Adventure”



Steve Smith,
Board Chair, Trinity Nature Conservancy

One Trinity River Trail Map



Special Presentation

Renewal of the General Permit for Phase II (Small) MS4s

Danielle Cochran
Environmental Compliance Assistance Specialist
Texas Commission on Environmental Quality



Stormwater: MS4

Permitting requirements for small municipal
separate storm sewer systems

February 19, 2019



Compliance Assistance Specialist

DFW– Region 4

- Danielle Cochran
817-588-5927

Danielle.Cochran@TCEQ.Texas.Gov



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1-800-447-2827 www.TexasEnviroHelp.org



Technical Assistance

- Free and Confidential.
- Multi-media.
- Compliance Hotline.
- One-on-one help from regional staff.
- EnviroMentor Program (if eligible)



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Who does SBLGA help?

- Airports.
- Auto Body / Repair.
- Building Contractors.
- Car Washes.
- Compost Operations.
- Concrete Batch Plants.
- Drinking Water Plants.
- Dry Cleaners.
- Foundries
- **Local Governments**
- Marinas
- Metal Finishers/Fabricators
- PST Facilities (fuel)
- Print Shops
- Manufacturing Facilities
- Reinforced Plastics
- Surface Coaters
- Trade Associations
- Transportation/Distribution
- Wastewater Plants
- Wood Products



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How can SBLGA help me?

- Provide training for MS4 employees
- Set up a Workshop for CGP or MSGP
- Review Guidance created by MS4 ex. mobile car washes or Power washing
- Assist with STEERS questions or Regional issues.



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www.TexasEnviroHelp.org

Compliance resources can be searched by industry, issue, or special topics

The screenshot displays the TexasEnviroHelp.org website interface. At the top, the Texas Commission on Environmental Quality logo is on the left, and navigation links for 'Org Chart | A to Z index | Search Site' and a search box are on the right. A horizontal menu bar below the logo includes 'Home', 'Public', 'Businesses', 'Governments', 'Air', 'Land', and 'Water'. A banner image below the menu shows a person using a green air pump, a 'WE'RE OPEN' sign, and a person in a hard hat. The main content area features a breadcrumb trail: 'You are here: Home / Small Business and Local Government Assistance'. The central heading is 'TexasEnviroHelp - Small Business and Local Government Assistance', with a sub-heading 'Resources specifically tailored to help small businesses and local governments comply with environmental regulations.' Below this is a logo for 'FREE AND CONFIDENTIAL ENVIRONMENTAL ASSISTANCE TexasEnviroHelp.org'. The text describes the SBLGA program and lists three bullet points: 'Call us toll free at 1-800-447-2827.', 'Find the nearest Compliance Assistance Specialist.', and 'Read more about rule changes that impact small businesses and local governments in The Advocate.' A section titled 'Learn more about environmental compliance assistance' lists 'Small Business Assistance' and 'Local Government Assistance'. A 'Search by Environmental Issue' section is partially visible. The right sidebar contains a video titled 'TCEQ Compliance and Assi...' featuring Jon Niermann, TCEQ Commissioner. Below the video is a 'Hot Topics' section with a 'HOT 2017 Environmental Trade Fair & Conference' and a 'Subscribe to The Advocate' section with a sign-up form. At the bottom right, there is a 'Get your' section with a 'Talk to us' button.

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EPA
National Pollutant Discharge Elimination System

TCEQ
Texas Pollutant Discharge Elimination System

Phase I and II MS4s
(Municipalities, et al)

MSGP
(Industrial)

CGP
(Construction)

TPDES

- Multi-Sector General Permit (MSGP).
 - TXR050000 (August 14, 2016-2021).
 - Construction General Permit (CGP).
 - TXR150000 (March 5, 2018-2023).
 - Municipal Separate Storm Sewer Systems (MS4s).
 - Phase I – large and medium cities.
 - Individual / customized.
 - Phase II – small cities.
 - General Permit TXR040000 (Jan. 16?, 2019-2024)
- 

What is an MS4?

- Publicly owned or **operated** drainage system that conveys stormwater.
 - Not wastewater collection or sewer lines.
 - Includes many non-traditional entities such as military bases, transportation systems, hospitals, universities, correctional facilities and a variety of districts.
 - Located fully or partially within UA.
 - **“Once in, always in.”**
- 
- A decorative graphic at the bottom of the slide consisting of two overlapping, wavy, curved shapes. The top shape is a light gray gradient, and the bottom shape is a solid dark blue. The shapes flow from left to right across the bottom of the slide.

What is an Urbanized Area?

- High density of residential population:
 - at least 1,000 people per square mile **and**.
 - at least 50,000 total population.
 - U.S. Census Bureau.
 - Collects data every 10 years (2010).
 - Develops UA maps, boundaries.
 - MS4 required to regulate only the portion within UA.
 - UA Maps also located on TCEQ and EPA web sites
- 
- A decorative graphic at the bottom of the slide consisting of two overlapping, wavy, curved bands. The upper band is a light gray color, and the lower band is a dark blue color. The bands curve from left to right, creating a sense of movement and depth.

PII MS4 Applications

- Deadline 180 days permit is issued.
- Options for authorization include:
 - Full permit coverage.
 - Waiver.

Administrative Requirements

- Application for permit coverage.
- Stormwater Management Program.
 - Maintain records evaluating efforts.
 - Implement SWMP by end of permit term.
- Annual Report.
 - Submit within 90 days of end of each permit year

Annual Report Contents

- Status of compliance with permit conditions
 - Progress towards reducing pollutants
 - Summary of information and monitoring data
 - Evaluation of the BMPs
 - Assessment of efforts toward goals
 - Statement of planned activities
- 
- A decorative graphic at the bottom of the slide consisting of a dark blue wave-like shape at the very bottom, a white wave-like shape above it, and a grey wave-like shape at the top of the graphic, all curving across the width of the slide.

Annual Report Form Changes

- Review and update SWMP and MCM annually
- Any Changes must be reflected in Annual Report
- Written procedures must be maintained on site or in SWMP



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Annual Report Form Changes

- Check for the latest EPA approved 303(d) list
- Or *Texas Integrated Report of Surface Water Quality for CWA Sections 305(b) and 303(d)*
- Post SWMP and Annual Reports to public website within 30 days



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SWMP

Includes a map and six **Minimum Control Measures**:

1. Public Education, Outreach and Involvement
 2. Illicit Discharge Detection and Elimination
 3. Construction Site Runoff Control
 4. Post-Construction Mgmt. in New & Redevelopment
 5. Pollution Prevention and Good Housekeeping for Municipal Operations
 6. Industrial Sources
 7. Optional – Construction by MS4
- 
- A decorative graphic at the bottom of the slide consisting of a dark blue wave-like shape at the very bottom, a white wave-like shape above it, and a grey wave-like shape above that, all curving across the width of the slide.

Sharing a SWMP.

- Form a coalition with other MS4s sharing a boundary or watershed
 - Divide program elements
 - Identify responsibilities for each entity
 - Each MS4 responsible for:
 - Applying for permit coverage
 - Compliance with SWMP
- 
- A decorative graphic at the bottom of the slide consisting of a dark blue solid area at the very bottom, a white wavy line above it, and a grey wavy line above that, creating a layered, wave-like effect.

Authorization Process

- Submit NOI, proposed Stormwater Management Program, and application fee
- Administrative review by the TCEQ
 - Additional information from applicant
- Technical Review of SWMP
 - Additional information from applicant
- Public Notice published in newspaper
 - Public Meeting
- Approved by the TCEQ





TCEQ Investigations

- Becoming more comprehensive over time
 - Recordkeeping and Reporting
 - Notice of Intent/SWMP
 - Annual Reports
 - Supporting data
 - Noncompliance Notification – 30 TAC 305.125(9)
 - Submitted on time
 - Met signatory requirements
 - Included required elements
 - Used SWMP as reference
 - NOC/revised SWMP if needed
- 
- A decorative graphic at the bottom of the slide consisting of a dark blue curved shape at the very bottom, a white curved shape above it, and a grey curved shape above that, all overlapping and creating a wavy, layered effect.

How to be in compliance...

- Know the applicable sections of the permit
- Communicate throughout organization
- Use available resources and partners
- Implement and maintain appropriate controls
- Request to change SWMP when necessary
- Contact the TCEQ for guidance if needed



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Read the
permit...
and the SWMP!

Phase II MS4 Permit Renewal

- Renewal process began: Feb. 2017
- Stakeholder meeting: March 21, 2017
- Development of draft permit: April through August 2017
- Draft permit sent to EPA: August 29, 2017
- Publish notice: Aug 24, 2018
- 30 day comment period from Aug 24 -September 24, 2018



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Phase II MS4 Permit Renewal

- Public meeting: September 24, 2018
- Draft permit was adopted by the Commission on January 16, 2019
- Draft permit and fact sheet can be accessed on our webpage



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Significant Changes

- Electronic submittal of application and reports will be required by December 21, 2020
- Minimum Control Measure 7 has a lower benchmark value for total suspended solids (TSS) from 100 mg/L to 50 mg/L
- The definition of construction activity is revised to include stockpiling of fill material and demolition



Significant Changes

- Implementation of the MS4 Remand Rule, which modifies the permit language so it becomes clear, specific, and measurable
- A requirement for the MS4 to post its annual reports and the SWMP on its website, if the MS4 has one
- Addition of a public notice process for certain Notice of Changes



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Significant Changes

- Level 4 MS4s must control the discharge of floatables in the MS4s and evaluate new and existing flood management projects to determine their impact on water quality
- The application fee will now be \$400 instead of \$100



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Renewing Your MS4 Authorization

- Submit a revised SWMP with the NOI within 180 days
- Address all requirements in the General Permit
- TCEQ will review and provide feedback and then draft a public notice
- Publish notice in local newspaper with 30-day comment period
 - Send proof to TCEQ



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Renewing Your MS4 Authorization

- Public meeting held, if requested
- TCEQ responds to public comments
- TCEQ approves/renews the MS4 Authorization



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Electronic Reporting Rule

- Effective Dec. 21, 2015
- Requires electronic submittal of applications and reports
- Phase 2 of Rule: General permit applications (NOIs) and MS4 reports need to be submitted electronically by Dec. 21, 2020
- Waiver is available



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Texas Water Development Board

- **Clean Water State Revolving Fund.**
 - Public entities - cities, counties, districts.
 - Eligible projects include:
 - Stormwater pollution control.
 - Wastewater recycling, reuse, treatment.
 - Non-point source pollution control.
 - Low interest rate loans and loan forgiveness.
 - Projects added throughout the year.
- **Contact:**
 - Mark.Evans@TWDB.Texas.gov
 - 512-463-8510



U.S. Environmental Protection Agency

- **Water Infrastructure Finance & Innovation Act**
 - Public and private entities.
 - Broad scope of projects:
 - Stormwater.
 - Wastewater.
 - Drinking water..
 - Long-term and low, fixed-rate loans.
- **Contact:**
 - Jordan Dorfman.
 - Dorfman.Jordan@EPA.gov
 - 202-564-0614



Other EPA Resources

- 2010 Urbanized Area Maps
- Training and Webcasts
- Fact Sheets and Guidance:
 - MS4 Measurable Goals Guide
 - MS4 Program Evaluation Guide
 - Model SWMP
 - Green Infrastructure / Green Streets
 - Smart Growth
 - BMPs for Industry
 - Low Impact Development

TCEQ Resources

- Assistance Tools for Stormwater Permitting
 - Check the status of permits online
 - Industrial
 - Construction
 - **Small MS4s**
 - ✓ Model Ordinance Guide
 - ✓ Annual Report - form 20561
 - ✓ Surface Water Maps
 - ✓ Water Quality Data
- 319 Non-point Source Grant
 - Focused on Watershed Protection Plans rather than individual MS4s



More TCEQ Resources

Permit and Technical Questions.

- **512-239-4671.**
- **wqap@tceq.texas.gov.**
- Stormwater & Pretreatment Team, MC-148 .
 - Texas Commission on Environmental Quality.
 - P. O. Box 13087.
 - Austin TX 78711-3087



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Additional Resources

- Other MS4s
- Texas Watershed Steward Program
- Texas Water Resources Institute
- Texas Coastal Watershed Program
- Water Environment Federation
- Water Environment Association of Texas
- Forester Media
- International Erosion Control Association
- Councils of Government
- Texas Municipal League



**Take Care
OF Texas™**



Regulatory/Legislative Updates

Small (Phase II) Municipal Separate Storm Sewer Systems (MS4) General Permit, TXR040000 Renewal

- 2019 TPDES general permit for small MS4s, TXR040000 - January 24, 2019 effective date
- This general permit authorizes the discharge of stormwater from small MS4s located in urbanized areas state-wide and certain non-stormwater discharges into surface water in the state.
- Permittees have 180 days to submit a Notice of Intent (NOI) with an updated Stormwater Management Program (SWMP), or if applicable a Waiver application.
- https://www.tceq.texas.gov/permitting/stormwater/ms4/WQ_ms4_small_TXRO4.html

Revised Definition of “Waters of the United States” – Federal Register, February 14, 2019

- www.epa.gov/wotus-rule
- Direct Link to Revised Definition: https://www.epa.gov/sites/production/files/2019-02/documents/revised_definition_of_waters_of_the_united_states.pdf
- Comments are due on the proposed rule on April 15, 2019

NCTCOG Stormwater Legislative Update:

- [**HB 1059 \(Lucio\) – relating to a biennial report on stormwater infrastructure in this state**](#)
 - define “green stormwater infrastructure” and “low impact development;”
 - create a Green Stormwater Infrastructure and Low Impact Development Report Group
 - require the Group to prepare a biennial report on the use of GSI and LID

FY2019 Work Program Update

FY2019 Work Program

GENERAL PROGRAM FEEDBACK

Has anyone used this? → Ordinance Template for Post-construction Stormwater Management

- Template for local governments to consider when adopting new or revised provisions of local law to implement and enforce a post-construction stormwater program
- Assists in the fulfillment of the requirements set forth in the Texas Commission on Environmental Quality (TCEQ) Phase II MS4 General Permit (TXR040000) Minimum Control Measure (MCM) 4: *Post-construction Stormwater Management in New Development and Redevelopment*.
- **Available at:**
<https://www.nctcog.org/envir/watershed-management/stormwater/construction>

Any Next Steps?

- Workshop/workshop series?
- Carry work forward into FY2020 Work Program – discussion later

Food for Thought: Feedback from December 4th iSWM Workshop

FY2019 Work Program

PUBLIC EDUCATION TASK FORCE **UPDATE**

SmartScape

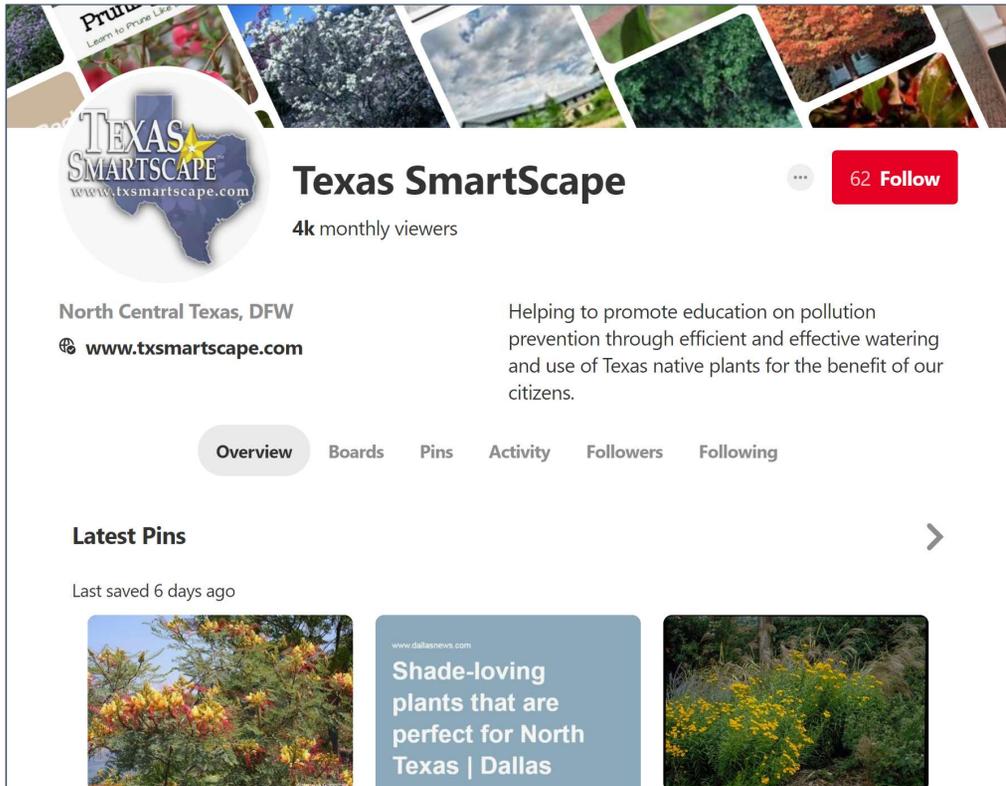
- March is Texas SmartScape Month 2019 - Marketing Materials Available

Plant with a Purpose



FY2019 Work Program

PUBLIC EDUCATION TASK FORCE UPDATE



Texas SmartScape
62 Follow
4k monthly viewers

North Central Texas, DFW
www.txsmartscape.com

Helping to promote education on pollution prevention through efficient and effective watering and use of Texas native plants for the benefit of our citizens.

Overview Boards Pins Activity Followers Following

Latest Pins
Last saved 6 days ago

Shade-loving plants that are perfect for North Texas | Dallas

- Seeking information on Spring Plant Sales and other SmartScape related events to add to SmartScape Calendar

SmartScape

- Pinterest Account available
- <https://www.pinterest.com/texasmartscape/>

on around the region that relate to gardening, landscaping, composting, and other SmartScape related topics. Check back often - we are ts.

ould like us to post, [contact us!](#)

March 2019

month week list

March 2, 2019	Saturday
9:00am - 11:00am	• Saving FROM a Rainy Day: DIY Rain Barrel Class - Grand Prairie
March 6, 2019	Wednesday
8:00am - 12:00pm	• Green Professionals Workshops 2019 (5 of 5) - Fort Worth
11:30am - 1:00pm	• Compost & Compost Tea & Soil Prep Acidic vs. Alkaline Plants - Fort Worth
6:30pm - 8:00pm	• Weeds and Watering - McKinney
March 9, 2019	Saturday
9:00am - 11:00am	• Irrigation Station - Frisco
10:00am - 12:00pm	• Compost 101 - Spring 2019 - Grand Prairie
10:00am - 12:00pm	• DIY Rain Barrel Clinic - Irving
March 13, 2019	Wednesday
11:30am - 1:00pm	• Compost & Compost Tea - Fort Worth

FY2019 Work Program

PUBLIC EDUCATION TASK FORCE **UPDATE**

Stormwater Cooperative Purchase – Issued February 14, 2019

1. Commonly requested promotional items with prices quoted to NCTCOG can be found here: [FY2019 NCTCOG Cooperative Purchase Items](#). For these items, **no Deadline to Order**, other than your own internal deadline.
2. A guide listing vendor contacts and detailed notes by vendor to aid you in the purchasing process can be found here: [Vendor and Purchasing Guide](#).
3. To order any of the below listed items not supplied through a Choice Partner contract, please fill out this [Order Form](#) and submit to Crysta Guzman by **March 1, 2019**. After all orders have been received and compiled, we will obtain new quotes and confirm pricing, and follow up with any final instructions.
 - Fat Trapper Boxes
 - Duracast Curb Markers
 - Curb Marker Adhesive
 - Aluminum Curb Markers
 - Fat Trapper Refill Bags

Contact: Crysta Guzman at cguzman@nctcog.org or 817-695-9107

FY2019 Work Program

PUBLIC EDUCATION TASK FORCE UPDATE

- ✓ **FY19 Project: Social Media PSAs**
 - Short 30-90 second informational videos
 - Specific topics selected
 - Development of scripts and selection of vendor underway
 - Working cooperatively with WATER group

POLLUTION PREVENTION (P2) TASK FORCE UPDATE

Training Modules

- ✓ • NCTCOG staff is still seeking footage to film for the “Preventing Stormwater Pollution” videos
 - For a detailed shot list, or arrange filming, please contact Crysta Guzman



FY2019 Work Program

ILLCIT DISCHARGE DETECTION & ELIMINATION (IDDE) TASK FORCE **UPDATE**

Automotive Related Business Literature

A flyer and tri-fold for automotive related businesses are currently under development. A second draft for review will be available at the March IDDE Task Force Meeting



Basic and Advanced Dry Weather Field Screening Training will be held in June and September of this year. The City of Carrollton has offered to host both trainings. Firm dates will be determined in the near future.



FY2019 Work Program

STORMWATER MONITORING PROGRAM **UPDATE**

Year 2 of Permit Term 4 began January 1, 2019

- Wet Weather Monitoring is ongoing

Draft Annual Regional Wet Weather Characterization Program Monitoring Report for North Central Texas – Under Review

- 2018 data for all four quarters is now available
- NCTCOG will be updating the website map and data
- The Stormwater Monitoring Task Force will be meeting February 21, 2019 to review Draft Report
- Submit Final Report to TCEQ - March 1, 2019 to TCEQ

FY2019 Regional Stormwater Program Budget Update

56% of FY2019 Budget has been committed

FY2019 Budget: \$314,000

FY2019 Budget Committed (as of 2/18/19): \$174,381

Expect followup contact from NCTCOG for those historic participants and those who have outstanding invoices.

Still taking FY2019 Commitments

- <https://www.nctcog.org/envir/watershed-management/stormwater/cost-share>

FY2020 Regional Stormwater Program Budget Update

- At this time, for budget purposes, expect the same cost-share amount as FY2019

NCTCOG Programs

OTHER ENVIRONMENT & DEVELOPMENT PROGRAMS **UPDATE**

NCTCOG Programs

OTHER ENVIRONMENT & DEVELOPMENT PROGRAMS **UPDATE**

Integrated Stormwater Management (iSWM Subcommittee Activities Underway)

Specifications and details for site development controls

- Adding 10 iSWM Technical Manual schematics into Public Works Construction Standard Details – *under guidance by Public Works Council Standard Drawings Subcommittee*

Provide additional detail and standards for proprietary devices

- Specifying the process and procedures for evaluation of proprietary device performance by communities – *Final guidance developed April 2019*

iSWM Technical Assistance Opportunity – FIRST ROUND OPEN NOW

- FREE technical assistance related to the adoption or implementation of the integrated Stormwater Management (iSWM™) Program
- Technical services will be provided by Halff, NCTCOG's Public Works Council iSWM™ contractor on a first come, first serve basis
- Assistance available from March 1, 2019 – April 1, 2020
- Open to any local government in the 16-county North Central Texas region
- **February 22 - Deadline to notify Carolyn Horner (chorner@nctcog.org)**
- Examples of Technical Assistance:
 - Coordination with engineering, planning, or other appropriate staff to discuss iSWM™ technical guidance, application, or implementation challenges
 - Assistance with updating local criteria/ordinances to address iSWM™ criteria
 - Review and assess city local criteria/ordinances for those seeking [iSWM Program Implementation Tiered Measurement \(iSWM Certification\)](#)

NCTCOG Programs

OTHER ENVIRONMENT & DEVELOPMENT PROGRAMS UPDATE



Green infrastructure

Low Impact Development

**Local project examples and case studies
needed!**

**Notify Carolyn Horner, chorner@nctcog.org, if
you have a potential case study.**

www.iswm.nctcog.org

NCTCOG Programs

OTHER ENVIRONMENT & DEVELOPMENT PROGRAMS UPDATE



Wastewater & Treatment Education Roundtable

- Approx. 3,580 gallons of FOG was collected during the 2018 Holiday Grease Roundup. Thanks to all who participated!
- WATER Point of Contact: Hannah Allen, hallen@nctcog.org.



NCTCOG Programs

OTHER ENVIRONMENT & DEVELOPMENT PROGRAMS **UPDATE**

Water Quality Management Planning

- The annual Water Resources Questionnaire is now available at the following link: <https://www.surveymonkey.com/r/VTY78T5>. Please complete this survey by March 8, 2019.
- NCTCOG is hosting the first North Central Texas Watershed Stakeholder Meeting on March 5, 2019.
 - For more information and to register visit: <https://www.nctcog.org/envir/events>.

NCTCOG Programs

OTHER ENVIRONMENT & DEVELOPMENT PROGRAMS **UPDATE**

✓ TMDL Water Quality



TMDL Meetings

- Stormwater Subcommittee: January 22, 2019
- Wastewater Subcommittee: TBD
- Upper Trinity River Basin Meeting: March 12, 2019
- Monitoring Forum Subcommittee: May 2019
- Coordination Committee: June 2019

Current Projects

- Update the I-Plan to include the Sycamore Creek TMDL
- OSSF Workshop for Home Inspectors
- Avian Feeding Education Materials

FY2020 Work Program Discussion

FY2020 Work Program Discussion

Begin Considering Ideas/Focus Areas for FY2020 Work Program

CONTINUE WORK: Develop strategy for Construction & Post-Construction Stormwater Management support activities, which may include:

- Pursue workshops and trainings related to policy, enforcement, and maintenance of Construction & Post-Construction Stormwater Management activities
- Development of resources to use as guidance
- Maintain resource clearinghouse of example forms and documents to share

NEW WORK/FOCUS AREA

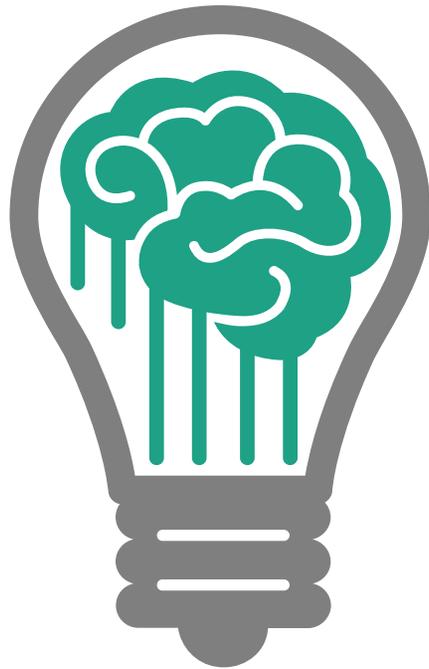
NCTCOG SURVEY OF MEMBERSHIP NEEDS

- NCTCOG will conduct a survey to solicit challenges, needs, interest from NCTCOG members in current Regional Stormwater Program activities and potential new activities
- Incorporate feedback into Draft FY2020 Work Program and bring back to Council for consideration

Roundtable Discussion

RSWMCC MEMBERS **UPDATE**

NOW, IT'S YOUR TURN...



Upcoming Events and Conferences



**Texas Riparian Association's
2019 Urban Riparian Symposium
Building Community Connections for Healthy Urban Streams
Grapevine Convention Center Grapevine, Texas
February 27 – March 1, 2019**

<http://texasriparian.org/2019-urban-riparian-symposium/>

- 1. Green Infrastructure/ Low Impact Development Workshop** - Instructor: Dr. Fouad Jaber
- 2. Riparian Bullseye Assessment Training** (***)Course is Full)
Instructors: Michael Jones and Stacey Haddad.



Environmental Trade Fair and Conference
Texas Commission on Environmental Quality (TCEQ)
May 14-15, 2019
Austin, Texas

<https://www.tceq.texas.gov/p2/events/etfc>

SAVE THE DATE

2019 EPA Regional Stormwater Conference
July 29th – August 3rd, 2019
Embassy Suites by Hilton Convention Center
Denton, Texas

<https://tamuk-isee.com/2019-epa-region-6-conference-denton-texas/>



*Great entry level
course*

May 14, 2019

**STORMWATER POLLUTION PREVENTION
PRACTICES UNDER CONSTRUCTION**

TOPICS INCLUDE

- Erosion and Sedimentation theory
- Brief overview of regulatory requirements for construction sites
- Guidelines for municipal personnel performing inspections
- Learn common erosion and sediment control measures, factors that affect erosion and effects of costs.
- Learn proper installation and maintenance and types of BMPs
- Learn why construction is identified as a problem

Lunch Provided
This is a registration only event

600 SIX FLAGS DRIVE, fourth floor, ARLINGTON, TX 76011

Visit us at www.Northtexas.tdi.org to Register

TDI is a department of the North Central Texas Council of Governments

RSWMCC Meetings

UPCOMING MEETINGS



**Pollution Prevention
TASK FORCE**
Date TBD



**IDDE
TASK FORCE**
March 28, 2019
Six Flags Conference
Room (CP II)



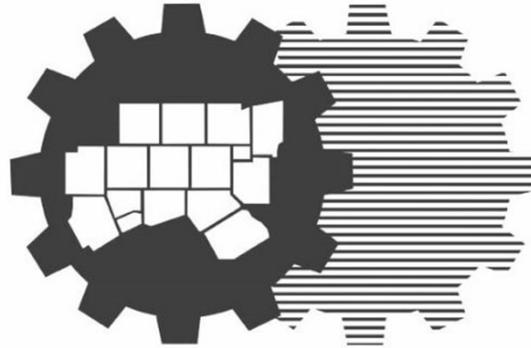
**PETF
TASK FORCE**
April 3, 2019
Fourth Floor
Conference Room
(CP III)



RSWMCC
May 8, 2019
9:30 AM
William J. Pitstick Executive
Board Room (CP II)



Stormwater Staff



**North Central Texas
Council of Governments**

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