

JUNE 2022
2ND QUARTER



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TNSA Times

Tennessee Stormwater Association
Quarterly Newsletter

A Message From the TNSA President

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Hello TNSA,
How many unread emails do you currently have in your inbox? How big is the stack of paper on your desk? How large is the backlog of permits you have left to review? I can only speak for myself, though I doubt I'm only, but these are the metrics by which I can get trapped into measuring my "performance".

However, when I take the time to slow down and be with and invest in PEOPLE, then my focus becomes more clear. I feel like I can actually get stuff done. There is something refreshing about engaging people face-to-face and not just through digital dialogue. It can help make a challenge feel more like an opportunity and put actionable steps to a vision. Maybe it's because when we spend time with people we are more attentive (or at least should be) and more focused on the issue at hand. It keeps us from trying to review a permit while reading an email and signing a letter all at the same time.

I've failed at some things because I've allowed myself to get distracted by all my tasks and tried to accomplish them simultaneously (i.e., multitasking). To be fair, sometimes the workload is literally too much for any one of us to handle, but let's just consider those things we can control. Am I trying to do too much at one time? I feel like multitasking is not a word that we should even be using. Why do you think the use of the word "multitask" has skyrocketed in the last three decades? It's a word that developed and grew exponentially in the digital age. Computers are multitaskers; they have multiple processors and are meant to do so. People are not. People are relational... and do better together.

Thank you TNSA and all those in this industry for helping to foster that relational spirit.

Respectfully,
Josh Rogers, City of Chattanooga, TNSA President 2022



2022 TNSA ANNUAL CONFERENCE

Weathering the Storm

Montgomery Bell State Park

October 18-20, 2022

Early Bird Price (ends Sept 16)

\$230 TNSA Members/\$280 Non-Members

Pre-Conference Workshops Monday, October 17

<https://www.tnstormwater.org/tnsa-conference>



Upcoming Regional Meetings

Regional meetings are held each quarter. You do not have to be a TNSA member to attend a meeting. Region meetings are a great way to keep updated within your area and the state. Meet like-minded professionals, network, learn about statewide events and new ideas within the stormwater community.

NOTE: All in-person region meetings are in person in 2022

South East: Thursday, June 2. 10:30am-12pm **NOTE CORRECT TIME!!** Enterprise South Nature Park 190 South Hollow Loop Chattanooga, TN 37416 Future Dates: September 14 & December 14.

East: Friday, June 3. Networking 8:30am, Meeting 9:00am-11:30am. EnSafe 308 North Peters Rd., Knoxville, TN 37922 Future Dates: September 9 & December 2

West: Tuesday, June 7. 1:00pm-3:00pm. International Harvester Park 4523 Canada Rd Lakeland, TN 38002 Future Dates: September 5 & December 6

North West: Wednesday, June 8. 11am, Lunch provided. RSVP to Tom Lawrence (tomlawrence@bellsouth.net) Brownsville City Hall 111 N. Washington Ave. Brownsville, TN 38012 Future Dates: September 7 & December 7

Middle: Thursday, June 9, 10am-12pm. Emergency Management Agency EOC room 1220 W. College Street Murfreesboro, TN 37129 Future Dates: September 8 & December 8

North East: Thursday, June 16, 1pm-3pm. Kingsport Water Services Operation Center 1113 Konnarock Rd Kingsport, TN 37664 Future Dates: September 16 & December 1

For updated meeting information visit our website event calendar.

**** Meeting Dates/Locations are subject to change ****

Committee Updates

Public Outreach: Creates Education Resources

Chair: Tom Lawrence, Thomas Lawrence Engineering

The TNSA Public Education and Outreach Committee has continued to move forward, completing several important milestones. At the moment we are working on a Homeowners Association rack card or brochure. TNSA currently sells the Homeowner Guide to Clean Water & EPA "After the Storm" brochures and TENS the Turtle Children's Activity booklet/stickers. To purchase visit: <https://www.tnstormwater.org/ed>

SCM: Standardizes Device Evaluation and Develops SCM Toolkit.

Chair: Jacob Dorman, Contech

SCM Committee has:

1. Finalized a comment letter policy intended to allow the Committee to provide comments to public agencies on specific improvements to SCM design, installation, and maintenance.
2. Provided comments on SCM design, installation, and maintenance elements within the TDEC Draft NPDES Phase II General Permit
3. Outlined key elements to include in a Designing SCMs for Maintenance Guide that is expected to be completed by Fall 2022
4. Hosted City of Chattanooga staff for a presentation detailing a practitioner's viewpoint on designing SCMs with maintenance in mind! Thanks Lyn Rutherford for your time!

Committee Updates Continued...

**INTERESTED IN BEING MORE INVOLVED? CONSIDER PARTICIPATING IN A COMMITTEE.
POLICY, CONFERENCE, EDUCATION, COMMUNICATION, SCM AND PUBLIC OUTREACH
CONTACT CHARLENE FOR MORE INFORMATION**

Education: Manages and Creates Educational Training and Resources

Chair: Tim Gangaware, UT Water Resources Research Center

UPCOMING EVENTS

Erosion Control Day

September 27, 2022, Chattanooga

Registration Fee: \$50 Click here to register: <https://www.tnstormwater.org/ecd>

Stormwater Basics for TN MS4's—FREE CLASS (LAST 2-Day Class)

November 9-10, 2022, Enterprise South Nature Park, Chattanooga, 8:30am-4pm, PDH and Lunch included.

Only 30 spots available. To register: <https://www.tnstormwater.org/stormwaterbasicsclass>

Communication: Goal is to work on communication within and outside of the organization

Chair: Aaron Rogge, CDM Smith

TNSA wants to see your stormwater successes! The Communication Committee is compiling footage from all corners of the state that demonstrates “How Beautiful Stormwater Can Be.” That could be anything – natural areas, innovative BMPs, staff at work – be creative! Your submissions will be compiled into an educational video and shared by TNSA this fall.

Video guidelines: The video must be taken landscape. Please keep the length between 3 and 10 seconds. Videos from iPhones etc. are fine. Be creative! Be safe!

Send video submissions to Aaron Rogge at roggea@cdmsmith.com. Title your emails with “TNSA video” and the name of your location. Please submit your videos before **August 31st** so that the video can be produced and debuted at this year’s conference.

Policy: Works with TDEC to share and update members on state and EPA regulations and policies;

Chair: David Mason, CDM Smith

The policy committee is looking for new committee members. Please contact Charlene DeSha if you are interested in participating. Comments have been submitted to TDEC in relation to the Small MS4 Permit.

2022 Conferences

KY/TN Water Professionals Conference July 17-20, 2022 Lexington, KY
 TN Association of Floodplain Managers August 10-12, 2022 Knoxville
 Tennessee Municipal League Conference August 13-16, 2022 Gatlinburg
 StormCon September 26-28, 2022 National Harbor, MD
 TN Engineers Conference September 18-20, 2022 Franklin
 SESWA October 5-7, 2022 Hilton Head, SC
 TNSA Annual Conference October 18-20, 2022 Burns
 TN Environmental Conference October 24-26, 2022, Kingsport

WaterFest Bubbles Over With Fun

Knox County Engineering & Public Works' Stormwater team had a blast hosting the WaterFest field trip at Ijams Nature Center. Several Knox County schools attended and even a school from another county.

The theme for this year's WaterFest, organized by the Water Quality Forum, was **"From Mountain to Fountain."** Students were encouraged to participate in the art and poetry contest by sending in their interpretation of the theme, and a winner was chosen from each category to be displayed on the WaterFest T-shirt.

The elementary students spent part of the day at Ijams participating in various water events, including making water rockets, doing water magic tricks and creating giant bubbles. The purpose of the field trip is to teach the students about water, while also helping them learn to be more water conscious.

The May 10 event helped educate 659 kids from two counties, with 180 chaperones, through 38 classes. We had a grand total of 121 volunteers throughout the day. There were 16 activities, four shows and lots of smiles.

WaterFest is lucky to have several sponsors that help make this event possible. Thank you to everyone who sponsored or volunteered this year.

Rylie McClurg is the communications and outreach coordinator for Knox County Engineering & Public Works.





September 24, 2022

International Harvester Managerial Park
4523 Canada Rd, Lakeland, TN 38002

Trail Run and 1 Mile Fun Run

Registration is 7:00 AM Race Starts at 8:00 AM

Join us for the Water Quality Festival after the race in the park which includes music, food trucks and beer.

For more information, to sponsor or register to run visit our website:

<https://www.tnstormwater.org/westtrailrun>



1ST ANNUAL WEST TN TRAIL RUN FOR CLEAN WATER

September 24, 2022

Trail Run and 1 Mile Fun Run

Call for WQ Booths and
Sponsorships.

Click here for more
information:

<https://>

[www.tnstormwater.org/
westtrailrun](https://www.tnstormwater.org/westtrailrun)

Contact Charlene for more information

9th Annual Nashville Urban Runoff!

Call for WQ Booths & Sponsorships!

Join us August 6, 2022, at Shelby Park for the
9th Anniversary of the Nashville's Urban Runoff
5K!

Nashville's Metro Water Services, TDEC and the
Tennessee Stormwater Association have teamed
up together once again to host the Urban Runoff
5K and Water Quality Festival!

Dogs on leashes and strollers welcome! We'll
have a fun and educational Water Quality Festival
for the whole family to enjoy from 6:30-10:30.



For more information about the race, please visit our Facebook Page or our TNSA 5K webpage. Thank you
to all our Sponsors over the last 8 years!

If you are interested in Sponsorship Opportunities or participating in our Water Quality Festival visit [https://
www.tnstormwater.org/urban-runoff-5k](https://www.tnstormwater.org/urban-runoff-5k).

Please contact Charlene DeSha (charlene@tnstormwater.org) if you have any questions.



The Tennessee Stormwater Association is Tennessee's premier membership organization for stormwater professionals.

TNSA's mission is to assist members with their local efforts to comply with State and Federal clean water laws; including stormwater regulations through EPA and TDEC (Tennessee Department of Environment and Conservation).

TNSA's goal is to protect and improve the quality of the waters of Tennessee through the exchange of information and knowledge regarding design, construction, maintenance, administration and operation of stormwater facilities.

TDEC UPDATES

Municipal Stormwater Program

[NPDES Municipal Separate Storm Sewer System \(MS4\) Program \(tn.gov\)](#)

- Rules 0400-40-05 and 0400-40-10**

On May 15, 2022, the Board of Water Quality, Oil and Gas Rules 0400-40-05 and 0400-40-10 became effective. [Recently Effective Rules and Regulations | Tennessee Secretary of State \(tn.gov\)](#)

Draft NPDES Small MS4 General Permit

[DWR Permit Information \(tn.gov\)](#)

TDEC accepted written comments to the draft Small MS4 Permit through May 23, 2022. TDEC is currently considering the comments and is in the process of making a final determination. [ppo_water_2022-03-22-npdes-noph22-004-small-ms4-gp.pdf \(tn.gov\)](#)

- MyTDEC Small MS4 Notice of Intent (NOI) Form**

The Notice of Intent (NOI) for coverage under the next Small MS4 permit will be received and processed electronically through the MyTDEC Forms portal. The Division will be hosting two virtual MyTDEC Forms Portal Orientation training sessions to help familiarize Small MS4 Programs with the MyTDEC Forms portal and how to register a MyTDEC Forms account. Attendance at both sessions is not necessary. The material the Division will go over will be the same for each session.

MyTDEC Forms Portal Orientation - Session 1

Wednesday June 1, 2022 (10:00-11:00 CT / 11:00-12:00 ET)

[Join the Microsoft Teams meeting](#)

Or call in (audio only)

+1 629-209-4396

Phone Conference ID: 860 212 483#

MyTDEC Forms Portal Orientation - Session 2

Monday June 6, 2022 (11:00 – 12:00 CT / 12:00-1:00 ET)

[Join the Microsoft Teams meeting](#)

Or call in (audio only)

+1 629-209-4396

Phone Conference ID: 494 993 810#

Industrial Stormwater Program

[NPDES Industrial Stormwater General Permit \(tn.gov\)](#)

Tennessee Storm Water Multi-Sector General Permit for Industrial Activities (TMSP)

[Notice of Public Hearing - TNR050000](#) -The Division of Water Resources proposes to issue the Permit for Stormwater Multi-Sector General Industrial Activities and will hold a public hearing pursuant to Rule 0400-40-05-.06 (8) on **June 16, 2022**. Written comments will be accepted at the hearing and through June 26, 2022. Interested persons may obtain a copy of the draft permit, rationale, forms, and related documents on TDEC's Water Resources Permits data viewer ([Permit Data Viewer](#)).

Construction Stormwater Program

[NPDES Stormwater Construction Permit \(tn.gov\)](#)



2021 Construction General Permit (CGP) Workshops

The Division of Water Resources held three virtual workshops across the state that provided an overview of the 2021 Construction General Permit. A copy of the workshop presentation is available on TDEC's website at: [NPDES Stormwater Construction Permit \(tn.gov\)](#)

General

American Rescue Plan (ARP)

State Water Infrastructure Grants (SWIG) Program

The SWIG Program was awarded \$1.35 billion dollars of Tennessee American Rescue Plan (ARP) stimulus funds through the Governor's Financial Stimulus Accountability Group. The Tennessee Department of Environment and Conservation (TDEC) developed a [Water Infrastructure Investment Plan](#) that outlines how ARP funds will be programmed. The program's goals are to:

- Protect and promote human health and safety and improve the quality of water by supporting water systems in non-compliance work toward regaining compliance;
- Improve the technical, managerial, and financial capabilities of small, disadvantaged, or underserved water infrastructure systems;
- Address and fund critical water infrastructure needs across the state.

TDEC is currently offering \$1 billion in the form of non-competitive grants to counties and eligible cities. Applicants may apply now through November 1, 2022. Grants may be **planning and design**, **planning, design, and construction**, or **construction only**. TDEC is offering lower co-funding for economically distressed communities and incentives for projects that are completed in partnership or that address priority areas.

For more information, visit tn.gov/environment/arp.

TDEC UPDATES CONTINUED

<u>Wastewater and Stormwater Eligible Activities</u>	<u>Drinking Water Eligible Activities</u>
<ul style="list-style-type: none"> • Asset management • Addressing significant non-compliance • Infiltration & Inflow correction / collection system rehabilitation • Stormwater management plans • Green infrastructure • Stormwater management • Treatment • Collection system upgrades • Consolidation • Creation of new systems • WWTP upgrades & improvements • New collectors & interceptors • Combined sewer overflow correction • Recycled water (gray water) • Decentralized systems • Water conservation & energy efficiency • Nonpoint source pollution mitigation • Watershed protection • Addressing nutrients 	<ul style="list-style-type: none"> • Capacity development • Asset management • Addressing significant non-compliance • Water loss reduction • Green infrastructure • Treatment • Transmission and distribution • Consolidation • Source water assessment • Wellhead protection • Enhanced storage • Water conservation & energy efficiency • Lead service line inventories and replacement (both public and private side) • Private and public well contamination remediation

303 (d) List of Impaired and Threatened Waters

• Tennessee's EPA Approved 2022 303 (d) List

Under section 303 (d) of the CWA, states, territories, and authorized tribes, collectively referred to in the act as "states," are required to develop lists of impaired waters. The term "303 (d) list" or "list" is short for a state's list of impaired and threatened waters (e.g., stream/river segments, lakes). States are required to submit their list for EPA approval every two years.

A copy of the Tennessee's EPA approved 2022 303(d) list of impaired and threatened waters can be found at: [Water Quality Rules, Reports & Publications \(tn.gov\)](#)

TDEC Video Resources

Below are titles, links, and description of videos posted to TDEC's website.

Regulatory Background

Link: [NPDES Stormwater Permitting Program](#) (located at the middle of the page)

Description: This video describes the regulatory background of the NPDES program, the purpose of the Tennessee Water Quality Control act, and TDEC's overall mission.

Desktop Review of Water Resources

Link: [NPDES Stormwater Construction Permit](#) (located at the bottom of the page)

Description: This video introduces Tennessee legal definitions of streams and wetlands and showcases tools anyone can use for a desktop review of stream and wetland indicators.

Construction Stormwater Permit Overview

Link: [NPDES Stormwater Construction Permit](#) (located at the top of the page)

Description: This video provides an overview of the requirements under the Tennessee General Permit for stormwater discharges from construction activities.

TMSP Overview

Link: [NPDES Industrial Stormwater General Permit \(tn.gov\)](#) (located at the top of the page)

Description: This video provides a brief overview of the requirements under the Tennessee Multi-Sector General Permit for Industrial Activities

TMSP No Exposure Certification

Link: [NPDES Industrial Stormwater General Permit \(tn.gov\)](#) (located at the middle of the page)

Description - This video provides an overview of the applicability of the Tennessee Multi-Sector General Permit "no exposure" exemption.



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