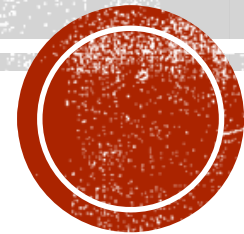


# **EDUCATION & OUTREACH**

## **year-end wrap-up**

2023 Fiscal Year



- Erosion Control Day
- Home Builders Association of Greater Chattanooga TriState Home Show  
Fall 2022 and Spring 2023
- Conservation Camp
- TN River Rescue
- Red Bank Christmas Parade
- UTC Urban Stormwater Management guest lecture
- Save Water Drink Wine
- Plant Natives Market
- Nutrient Reduction Taskforce
- American Society of Civil Engineers (ASCE) Mid-South Student Symposium
- Project WET

- Enviroscape lessons
- Hamilton County Clean-up
- South East Stormwater Association (SESWA)
- Tennessee Stormwater Association (TNSA) Sponsor Region Meetings & PEO Committee
- Social Media Ads
- [Waterquality.hamiltontn.gov](http://Waterquality.hamiltontn.gov)



Small MS4 General Permit  
NPDES Permit TNS000000  
Page 16

Measurable Goals		Annual Report Requirement
Permittees must conduct and/or sponsor a minimum number of activities (as identified below) that address each of issues identified under "management measures" every reporting year.		- Total Number of activities conducted Provide the details of each activity including: - description; - date; - management measures addressed; - specifically targeted audience and; - approximate number of that audience that was reached.
<b>MS4 Population at NOI submittal</b> Population ≤10,000	<b>Minimum Number of activities conducted</b> Per 5 year permit term 2	
10,001 ≤ Population ≤25,000	Per each reporting year 1	
25,001 ≤ Population ≤ 50,000	Per each reporting year 3	
Population greater than or equal to 50,001	Per each reporting year 6	For sponsored activities only: Identify if the event sponsored monetarily or as a donation in kind

Special recognition is in order to all of the employees that volunteer to work tabling events after hours and on weekends!!!!

**We could not do it without all of their cooperation!**



# A New Website for the Water Quality Program

## [waterquality.hamiltontn.gov](http://waterquality.hamiltontn.gov)

- Monitoring information page and map with real-time monitoring data!
- Education resources for homeowners and teachers
- Housekeeping, resources for municipal employees
- Permanent stormwater/post construction inspections
- Regulations and other documents
- Construction information and documents, link to OpenGov
- Newsletter



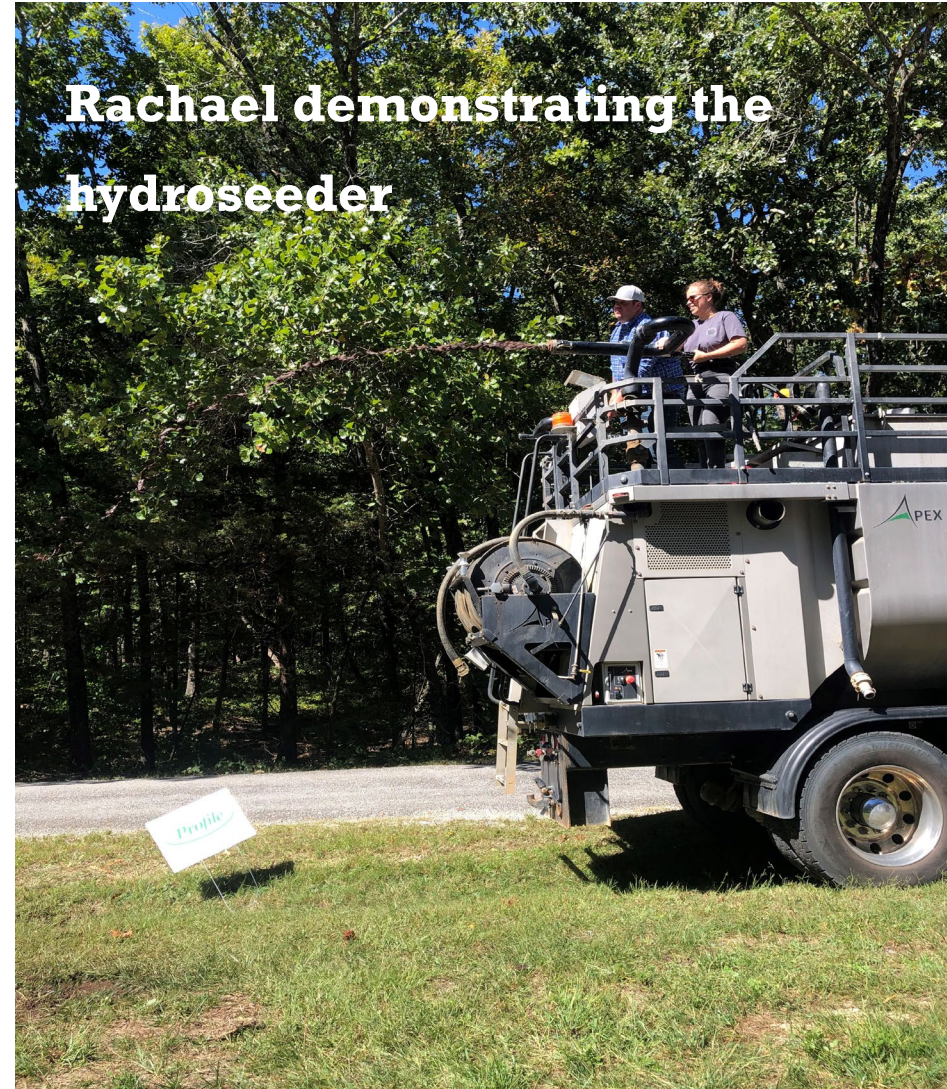




# Erosion Control Day



Autumn participating in panel discussion with other southeast region MS4 managers



Rachael demonstrating the hydroseeder





# Conservation Camp



Jeremy, Gage, and Bonnie demonstrating stormwater runoff (point source & non-point source pollution) EnviroScape.

City of Cleveland Stormwater  
Bradley County Stormwater  
Tennessee Wildlife Resource  
Agency (TWRA)  
Tennessee Valley Authority  
(TVA)  
Cleveland Utility  
State Parks, Red Clay  
UT Extension, Master Gardener  
TN Dept. of Agriculture,  
Forestry  
Tennessee Department of  
Environment and Conservation  
(TDEC)  
Tennessee Department of  
Transportation (TDOT)

\*Approximately 200 students  
and teachers over 2 days







# Tri-State Home Show

Fall 2022 – Approximately 2,000 attendees

Spring 2023 – 4,000+ attendees



Keith and Justin



Bonnie





# 34<sup>th</sup> Annual



Participated in planning sessions

Autumn advertised on the news

Approximately 20 volunteers from:

- Hamilton County Water Quality and Engineering
- Rotary Club
- WaterWays
- Community members

**Filled a dumpster in 1 hour!**





# Plant Natives!

## Symposium and Market 2023



## Why natives?

- Native plants have been in our region much longer than we have!
- Our natives thrive in the Southeastern U.S. because they are adapted to local soil, climate, animals, insects, micro-organisms, and other plants.
- Since they have evolved in natural conditions many native plants do not require excess care like irrigation or the application of fertilizer or other chemicals.
- Other wildlife relies on native plants for survival and reproduction, so choosing native plants for your yard or garden benefits the entire local ecosystem!
- Although not all exotic plants are invasive, some are, and there is always the risk of introducing insects, disease, fungi, or other blights.
- Native plants are superior in terms of stormwater management because they usually have deeper and more extensive root systems that prevent erosion and provide extra water filtration, and choosing them can prevent harmful chemicals and fertilizers from entering waterways.
- By choosing native plants, you will save time and money by minimizing maintenance related to mowing, fertilizing, and watering your lawn or exotic plants.
- Tennessee has beautiful native plants!







# What is WaterWays?

## Restoration:

Through thoughtful collaborations with engineers, landscape architects, and local stakeholders, WaterWays coordinates and implements restoration projects in the areas where they're most needed, including Mountain Creek, Chattanooga Creek, Signal Mountain

- Bank Stabilization
- Septic and sewer rehab reducing e.coli
- Green infrastructure
- Pollution prevention, leading clean-ups and litter boom installation

## Education:

WaterWays equips both students and teachers with the necessary tools and vocabulary to dip their toes into the world around them.

## Community:

Watershed health is critical to every member of the community. We offer inclusive education and solutions to empower every citizen to be a steward of their environment, starting with their own backyards.



WaterWays  
Watershed Health • Quality • Community





# Project WET 2023!



Project WET: Water Education Today is dedicated to solving critical environmental challenges by teaching the world about water. By providing hands-on, science-based water education resources to formal and non-formal educators around the world. These resources encourage responsible environmental stewardship and promote meaningful action to address environmental challenges, climate change, social justice, and sustainability.

