



**Stormwater Advisory Committee Meeting**  
Thursday, November 13, 2025 at **3:45 PM**

Farragut Town Hall  
11408 Municipal Center Drive

**AGENDA**

- I) Call to Order
- II) Approval of Minutes
  - A) Minutes of September 11, 2025
- III) Stormwater Coordinator Report
- IV) Other Discussion
  - A) Creekbank Repair & Workshop at Founders Park
- V) Confirm date of next meeting:
  - A) **12/11/2025 or postpone to 1/8/2026**
- VI) Adjournment

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**WWW.TOWNOFFARRAGUT.ORG**

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**MINUTES**  
**STORMWATER ADVISORY COMMITTEE**  
**BOARD ROOM**  
**THURSDAY, September 11, 2025 3:45PM**

**Committee Members Present:**

Patrick LaPine, Jennifer Mayfield, Louise Povlin, Julie Childers, Jim Bolon, and R. Singh (student representative)

**Committee Members Absent:**

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**Staff Present:**

Clifford Mann – Stormwater Coordinator

**Call to Order:**

Louise Povlin called the meeting to order at 3:50pm.

**Business Items:**

Voting for Committee members for 2025-2026 Stormwater Advisory Committee. Committee voted in the following:

Louise Povlin – Chair

Patrick LaPine – Vice Chair

Jennifer Mayfield – Secretary

**Other Discussion:**

Stream clean up – October 25.

Stormwater Utility Fee – a study currently being conducted to plan for the future of the Town’s stormwater structure.

**Confirm Date of Next Meeting:**

Next meeting is October 9, 2025 at 3:45 p.m.

**Adjournment:**

The September meeting was adjourned at 4:30 pm.

## Creebank Repair & Workshop on North Fork Turkey Creek at Founders Park

### Project Overview

We propose to conduct “soft touch” streambank stabilization and riparian plantings along a 260ft stretch of North Fork Turkey Creek at Founders Park in the Town of Farragut and execute workshops for landowners and professionals. The work to reduce erosion through stabilization and restore riparian health through revegetation offers unique opportunities to provide hands-on education to targeted audiences.



*Project Site April 2025*

We have identified two targeted audiences that have the greatest potential to generate impact through the adoption of these practices in stream corridors of East Tennessee: 1) private property owners, the group who control the majority of riparian landscapes, and 2) professionals who design, install, or manage projects in stream corridors, including grounds management professionals, municipal and public works professionals, landscape contractors, engineers, and landscape design professionals.



*Project Site October 2025- bank slumping shows continued erosion*

The learning objectives of the workshop will be:

- Effectively evaluate a streambank for stability factors and threats.
- Select site-appropriate nature-based solutions for repair.
- Identify common riparian invasive species and establish a management plan.

We anticipate audience sizes of 30-40 people. We will produce educational materials (factsheets, videos, etc.) that will extend the reach of the project through websites and social media. The workshop will be one full day, with the morning session in the classroom and the afternoon in the field implementing streambank repair practices.

### Current Site Status and Prep Work

## Creebank Repair & Workshop on North Fork Turkey Creek at Founders Park

North Fork Turkey Creek flows through Founders Park and is on the 303d list as not supporting its designated uses. TDEC lists the causes of impairment to Turkey Creek as E. coli and sedimentation/siltation.

Prep work will include grading back the bank at a 3:1 slope (where possible) by an on-call contractor. To ensure the highest likelihood of success, interventions will be sited along the stream reaches such that the treatment starts in a low energy/velocity area and continues through the high energy zone and end in a zone of relatively low energy. Matting will be trenched in 4-6 inches and coir logs (when used) will be anchored into the bank using duckbill anchors and heavy gage wire. In addition, temporary cover seed and straw will be used above the ordinary high water line in any area that is disturbed during installation.

### **Long Term Management Plan**

Quarterly and seasonal communication between project partners will be key to successful long-term functionality of the space. No-mow and no-chemical buffers will be established at the sites, delineated with signage and fencing.

Project personnel will visit each site after large rain events in the first year after interventions and then seasonally in subsequent years. Invasive species will be identified and removed promptly to minimize the risk of their spread and allow native vegetation to fill the space.

Because these sites are fully contained in parks operated by the project team, adverse maintenance activities that would harm the successful establishment of the intentional native plant communities is low. The project team will ensure all maintenance activities for the sites are in line with a long-term management program that focuses on functional goals for healthy riparian ecosystems. Fencing (e.g. post-and-cable) will be installed by the Town of Farragut to protect project work.

### **Requested Budget and In-Kind Effort**

The site work would include minor grading, installing erosion prevention matting, seeding and strawing, installing live stakes, planting, and utilizing coir-log toe protection when necessary, and fencing/signage to protect project work. There are also minor costs associated with the educational workshop. The majority of costs for this project will be covered through in-kind match of time and supplies provided by the project partners and the TDA 319 watershed grant received by Knox County, the Town of Farragut, and City of Knoxville for work in the Turkey Creek Watershed (Turkey Creek grant). Any in-kind time or supplies will count as match required for the Turkey Creek grant. Costs and funding sources are outlined below.

## Creebank Repair & Workshop on North Fork Turkey Creek at Founders Park

A cost breakdown of materials needed for these activities is included in the table below. It is estimated that the cost of implementing the combination of these activities along stream reaches is on average \$7.58 per linear foot. The total length of stream project is approximately 250 feet, putting the estimated total cost of restoration supplies is \$1,895. These costs will be covered by the Turkey Creek grant.

<i>Item</i>	<i>Cost</i>	<i>Unit</i>	<i>Estimated Total per Linear Foot</i>
<i>Coir matting</i>	\$300.00	roll	\$1.88
<i>Coir logs (10 ft)</i>	\$65.00	each	\$1.63
<i>2"x2" stakes</i>	\$3.00	each	\$0.25
<i>Plugs</i>	\$3.00	each	\$0.30
<i>Cover seed</i>	\$50.00	acre	\$0.74
<i>Riparian mix seed</i>	\$185.00	lb	\$0.89
<i>Straw</i>	\$10.00	bale	\$0.33
<i>Live stakes</i>	\$1.50	each	\$0.56
<i>Bare root sapling</i>	\$2.00	each	\$1.00
		<b>Per Linear Ft</b>	<b>\$7.58</b>

### Other costs:

- Some minor grading will be required; contractor costs have not been established but will be covered by the Turkey Creek grant.
- \$500 will be required for the ARAP application, covered by the Turkey Creek grant.
- Installation of protective fencing (post & cable, etc.), provided by the Town of Farragut\*

Workshop expenses will include lunches and printing of workshop materials. We anticipate 40 participants (including instructors) per workshop.

- Lunches 40 @ \$15/person= \$600, provided by the Town of Farragut Stormwater Department
- Printing 40 @ \$3/person= \$120, covered by the TC Grant

\*Knox County estimates the cost of post & cable to be less than \$2000 for this project and take a 2-person team a full day to install based on past experience, but this will differ depending on the exact type of fence and other factors.

### **Project Partners**

The project team includes Knox County, Town of Farragut, and City of Knoxville staff, and University of Tennessee faculty and staff. The personnel time towards project planning,

## Creebank Repair & Workshop on North Fork Turkey Creek at Founders Park

management, implementation, and deliverable production, as well as volunteer time, will all be considered as in-kind effort put towards the Turkey Creek Watershed grant match requirement.

Specific examples of effort that can be documented on a time basis will include: hours of site preparation (vegetation removal, grading, etc), project management (sourcing materials, scheduling, material mobilization, budget oversight), workshop planning and curriculum development, team planning meetings, project implementation (installation and workshop execution), and follow up site visits and maintenance as needed.

The University of Tennessee Institute of Agriculture is the lead organization and is partnering with the Knox County, Farragut, and Knoxville stormwater departments, as well as the Tennessee Water Resources Research Center, UT Stormwater, and Water Quality Forum. The roles of each are described below:

**University of Tennessee Institute of Agriculture** - provide project management and project direction; lead the development of technology transfer materials including workshop curriculum and other Extension education deliverables; assist in the design of the restoration practices in consultation with Knox County and Town of Farragut; execute restoration activities.

**Town of Farragut Stormwater** - provide space for classroom portion of workshop; long term maintenance and site management; provide input on design and budget as property owner; lead site preparation efforts; execute restoration activities.

**Knox County Stormwater** - provide input on design and budget as Turkey Creek Watershed Grant administrator; lead site preparation efforts; execute restoration activities.

**Tennessee Water Resources Research Center** - assist with workshop execution, curriculum development and technology transfer; assist in the design and execution of restoration practices in consultation project team.

**UT Stormwater** – provide assistance with workshop execution; assist with project execution related to site preparation, material sourcing, restoration work, and long-term site management when possible; assist in promotion and execution of workshops

**City of Knoxville Stormwater** – provide assistance with workshop execution; assist with project execution related to site preparation, material sourcing, restoration work, and long-term site management when possible; assist in promotion and execution of workshops

**Water Quality Forum (nonprofit)** - assist in promotion of workshop; assist in disseminating Extension education materials; provide representatives to assist in execution of workshop and restoration activities.