

We're All About
CLEAN Water



2024 MS4 Annual Report

STORMWATER MANAGEMENT

Clean Water. Public Health. Serving Citizens.

City of Kingsport Stormwater Utility

HISTORY In November 2011, the Stormwater Management Utility was established, as required by The Federal Clean Water Act for cities with more than 10,000 residents, to implement a stormwater program to control and monitor polluted stormwater runoff.

PURPOSE To address stormwater pollution and flooding issues, allowing the City to reduce runoff contaminants, while prioritizing and initiating flood mitigation projects.

The utility is responsible for the operation, construction, maintenance, and rehabilitation of stormwater facilities; for stormwater system planning, property acquisition related to stormwater management, and for review of stormwater development plans for compliance with federal and state regulations, stormwater management ordinances, policies, procedures and manuals.

GOALS Comprehensively examine flooding and stormwater issues in the community;

As a Tennessee Department of Environment and Conservation qualified local program, allow the development community greater flexibility and timeliness in determining how best to meet federal mandates;

Adequately fund stormwater management needs at the lowest possible cost by proactive action;

Reduce flooding;

Improve stream habitat, conditions and water quality. Work toward de-listing of impaired streams within the City limits.



ACTIVITIES / ACCOMPLISHMENTS

In accordance with the City's MS4 NPDES permit, the Stormwater Division must file this report with the Tennessee Department of Environment and Conservation (TDEC) to document the activities completed in the past fiscal year. The activities noted are within the required program areas of the MS4 permit. The City's permit compliance activities are subject to periodic audits by TDEC.

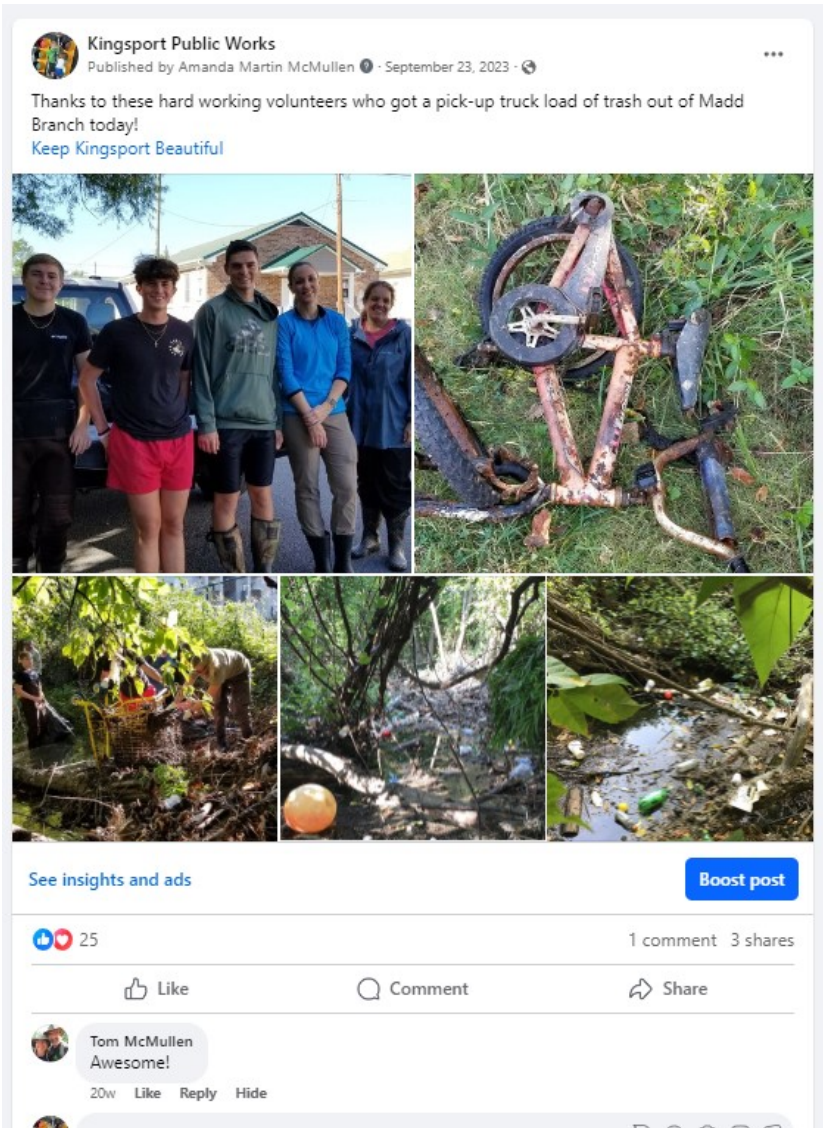
Many activities have been completed that go beyond the requirements of the NPDES permit. This report provides opportunity for activity updates:

- In September 2023, the Stormwater Division held its 6th annual Storm Drain Art Contest. Five storm drains were enhanced with public art, done by local amateur artists, with the purpose being environmental education.

ACTIVITIES / ACCOMPLISHMENTS (continued)

- In March 2024, the Stormwater Division constructed and distributed 50 rain barrels to local residents, with all proceeds going to Keep Kingsport Beautiful. When used, these will catch stormwater runoff and utilize it for lawns and gardens.
- In January 2024, the Stormwater Division distributed stormwater activity booklets to 4th graders within Kingsport City Schools.
- In April 2024, the Stormwater Division gave away 50 tree seedling bundles to local residents. As these seedlings grow, they will reduce stormwater runoff from residents' yards.
- In September 2023, the Stormwater Division hosted a stream clean-up of Madd Branch. Volunteers collected litter and dumped items from in and around the creek.
- In May 2024, Stormy the raindrop appeared at Public Works Day, and along with a Stormwater staff member, helped distribute educational materials to attendees.
- In July 2023, Stormy the raindrop visited the Summer Program at VO Dobbins. A Stormwater staff member gave a short talk to children about Stormwater issues.
- In September 2023, a Stormwater staff member was a presenter at Keep Kingsport Beautiful's Conservation Camp. Pollution in a watershed was demonstrated through a hands-on model.
- Between July 2023 and June 2024, the Stormwater Division did 35 inspections of Storm water quality units. These facility inspections were documented in the Cartegraph database.
- Between July 2023 and June 2024 a Stormwater staff member completed Visual Stream Assessments, per TDEC's non-analytical monitoring requirement, for 9 streams. This data will lead to increased understanding of the impairments of each stream.
- A City of Kingsport staff member does monthly inspections of active construction sites to ensure erosion prevention and sediment control measures are being implemented.
- The City of Kingsport continues to encourage re-development and awards Water Quality credit for reduction of impervious surface.
- The 'ConnectKingsport' cell phone app continues to provide citizens with the ability for real time input of drainage issues and concerns. This app gives citizens a means to notify City staff of drainage problems such as clogged drains and pipes, illicit discharges, and construction site issues.
- 'ConnectKingsport' requests, as well as any subsequent repair work by City staff, is documented within the Cartegraph asset management system. Cartegraph data allow City leaders to optimize decision making processes and increase level of service to citizens.
- Continuing inspections of certain 'hot spots' before and after significant storm events are managed via the Cartegraph asset management system. Crews are dispatched to inspect and clean obstructions from culverts and catch basins that are known to trap debris.
- Kingsport staff members currently hold Regional Chair and Board Member leadership positions with the Tennessee Stormwater Association (TNSA). A member of the Stormwater Division attends the TNSA annual conference.
- A Stormwater staff member currently attends monthly meetings of the Keep Kingsport Beautiful Council.

ACTIVITIES / ACCOMPLISHMENTS (continued)



← Madd Banch Stream Clean-up 2023

Storncy at Public Works Day 2024 →



OCTOBER 25 2023

STORM DRAIN ART WINNERS

The winners of this year's Storm Drain Art Contest have completed their works, which are now on full display for the community to enjoy.

The contest – now in its sixth year – is a partnership with the city's stormwater department, the Office of Cultural Arts and Engage Kingsport. The goal of the contest is to raise awareness about the importance of protecting our rivers, stream habitat, and aquatic wildlife.

This year's contest is sponsored by Barge Design Solutions, Gresham Smith, Mattern & Craig and Now or Never Gallery Tattoo.

THE WINNERS AND LOCATIONS OF THEIR ARTWORK:

Trista Demoranville
(on Ravine Road between Holston Valley and the Kingsport Greenbelt)



Chad Crawford
(the roundabout between Dobyns-Bennett High School and the Kingsport Civic Auditorium)



Michele Harbaugh
(on Ormond Drive in front of Johnson Elementary School)



Kaitlyn Snyder
(on Wheatley Street in front of the Head Start office)



Sommer Franklin
(on Clinchfield Street in front of the Kingsport Chamber of Commerce)



← 6th Annual Storm Drain Art Contest 2023

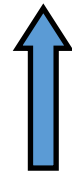
Stormy visits VO Dobbins Summer Program 2023



ACTIVITIES / ACCOMPLISHMENTS (continued)



← Tree seedling giveaway 2024



Rain Barrel Sale 2024



Conservation Camp 2023

 **Kingsport Public Works**
Published by Amanda Martin McMullen · September 12, 2023 ·

The Stormwater Division participated in [Keep Kingsport Beautiful's Conservation Camp](#) today.



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