

We're All About
CLEAN Water



2023 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 2022, the Stormwater Division held its 5th annual Storm Drain Art Contest. Five storm drains were enhanced with public art, done by local amateur artists, with the purpose being environmental education. The City was awarded the 2022 *Public Outreach Award by the Clean Water Professionals of Kentucky & Tennessee* for this event.

ACTIVITIES / ACCOMPLISHMENTS (continued)

- In April 2023, 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 2023, the Stormwater Division distributed stormwater activity booklets to 4th graders within Kingsport City Schools.
- In April 2023, 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 October 2022, the Stormwater Division, along with Appalachian Paddling Enthusiasts (APES), hosted a Kayak clean-up of Reedy Creek. Volunteers collected litter and dumped items from in and around the Creek and Public Works picked up the trash for disposal.
- In May 2023, Stormy the raindrop appeared at Public Works Day, and along with a Stormwater staff member, helped distribute educational materials to attendees.
- In July 2022, Stormy the raindrop visited the Summer Program at John Adams Elementary. A Stormwater staff member gave a short talk to children about Stormwater issues.
- In September 2022, 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.
- In 2023, the City replaced the main Reservoir Road culvert. The existing culvert was failing. The new culvert was positioned to be more aligned to the natural stream.
- In 2023, the Stormwater Division did 125 inspections of Stormwater Control Measures (SCMs), including all private storage basins and water quality units. These facility inspections were documented in the Cartegraph database.
- In 2023, a Stormwater staff member began Visual Stream Assessments per TDEC's non-analytical monitoring requirement. 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)



Kingsport Public Works
Published by Amanda Martin McMullen · October 8, 2022 · 🌐

We had 3 kayakers and half a dozen walkers cleanup a section of Reedy Creek today, from Clinchfield Bridge to just past Sullivan St. Bridge. A BIG THANKS to all the volunteers! [Keep Kingsport Beautiful](#)



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Reedy Creek Stream Clean-up 2022

Stormy at Public Works Day 2023





Kingsport Public Works
Published by Amanda Martin McMullen · May 25 · 🌐

STORMY educating kids about not littering (at Public Works Day).





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ACTIVITIES / ACCOMPLISHMENTS (continued)






Kingsport Public Works
Published by Matthew Lane · October 24, 2022 · 🌐

Here are the winners of this year's Storm Drain Art contest. If you'd like to take a closer look and know who painted them, the storm drains are located at the following locations:

- Behind the Kingsport Civic Auditorium - Trista Demoranville
- W. Market Street & Clay Street - Desiree Feyers
- Old Gibson Mill Road & Cedar Street - Juanita Mitchell
- The Palmer Center - Rebecca Monroe
- Kingsport Chamber of Commerce - Brenda Salcido.



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← 5th Annual Storm Drain Art Contest 2022

Stormy visits Adams Elementary 2022 →



Kingsport Public Works is at Kingsport Parks and Recreation.
Published by Amanda Martin McMullen · July 14, 2022 · Kingsport · 🌐

Thank you John Adams Elementary Summer Program for letting Stormy visit!



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ACTIVITIES / ACCOMPLISHMENTS (continued)



← Tree seedling giveaway 2023



Conservation Camp 2022 →



← Rain Barrel Sale 2023

