



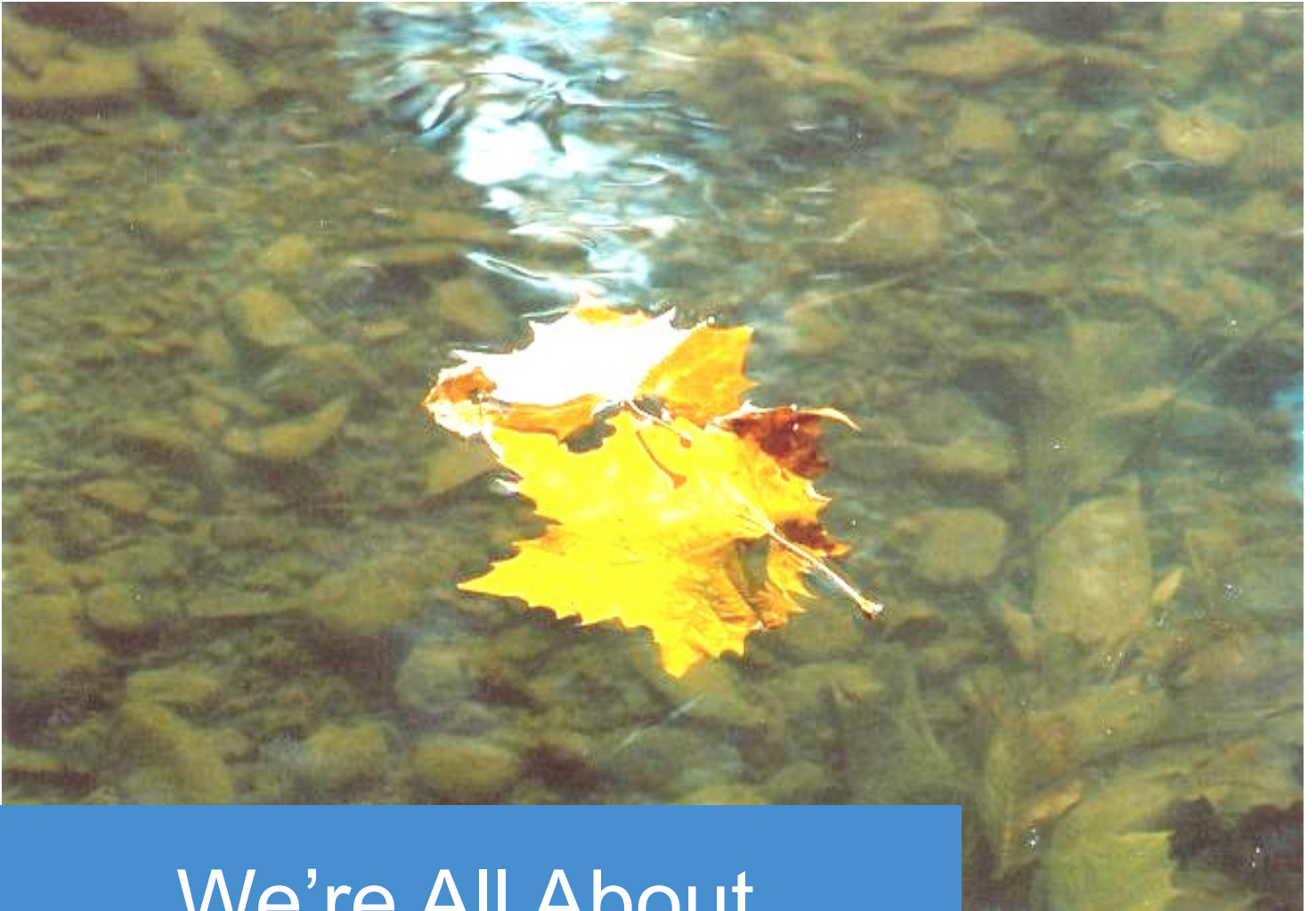
STORMWATER DIVISION

City of Kingsport, Tennessee

August 4, 2021

**RE: City of Kingsport 2021 MS4 Annual Report
For Public Review**

The public is invited to submit questions and comments regarding the City of Kingsport's 2021 MS4 Annual Report. This report is a yearly requirement of the City's MS4 permit issued by the Tennessee Department of Environment and Conservation. Please submit any questions or comments to Amanda McMullen at AmandaMcMullen@kingsporttn.gov.



We're All About
CLEAN Water



2021 MS4 Annual Report

STORMWATER MANAGEMENT

Solutions. Accomplishments. **CLEAN** Water

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 2020 the Stormwater Division held its third 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 contest, its progress, and the final artworks were publicized in the newspaper and Facebook.


ACTIVITIES / ACCOMPLISHMENTS (continued)

- In Spring 2021 the Stormwater Division constructed and distributed 40 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. Plans are to do this project annually.
- In Spring 2021 the Stormwater Division distributed stormwater activity booklets to 640 4th graders.
- In Spring 2021 the Stormwater Division participated in the Tennessee Environmental Council's 'Tennessee Tree Day' as a sponsor; and also distributed 200 tree seedlings and educational materials to local residents.
- Between July 1, 2020 and June 30, 2021 the Stormwater Division sponsored two small group (due to COVID) stream clean-ups of Reedy Creek and Miller Branch. Volunteers collected litter and dumped items from in and around the creeks. The Stormwater Division plans to sponsor at least two stream clean-ups per year.
- Between July 1, 2020 and June 30, 2021 the Stormwater Division's staff biologist finished up Visual Stream Assessments within Kingsport's city limits per TDEC's non-analytical monitoring requirement. This data will lead to increased understanding of the impairments of each stream.
- Between July 1, 2020 and June 30, 2021 the Stormwater Division's staff inspected all outfalls within Kingsport's city limits. These facilities are documented in the Cartegraph database.
- Between July 1, 2020 and June 30, 2021 the Stormwater Division mailed stream buffer educational materials to an additional 140 residents that live along creeks.
- Between July 1, 2020 and June 30, 2021 the Stormwater Division mailed Stormwater Control Measure (SCM) educational materials to all private owners of storage basins and water quality BMPs. These facilities are documented in the Cartegraph database.
- Between July 1, 2020 and June 30, 2021 the Stormwater Division paid half the cost of restoration of educational signs in City Parks. The signs educate park users about stream restoration, stormwater treatment, wetlands, vegetation, and litter.
- The City of Kingsport continues to encourage re-development and awards Water Quality credit for reduction of impervious surface.
- Barge Design Solutions, Inc. continues to inventory all remaining stormwater infrastructure into the GIS system. This includes a surveyed location and condition assessment.
- The 'YourGOV' cell phone app has been replaced by the 'ConnectKingsport' app. It still provides 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.
- City stormwater employees currently hold Board of Directors and Regional Chair leadership positions with the Tennessee Stormwater Association.

ACTIVITIES / ACCOMPLISHMENTS (continued)

Kingsport Public Works
Published by Amanda Martin McMullen · April 19 ·

A BIG THANKS to volunteers for picking up trash along Miller Branch on Saturday.



Get More Messages for Kingsport Public Works
You can add a Messenger button to your post to get more messages for Kingsport Public Works.


751 People Reached 55 Engagements **+1.9x Higher** Distribution Score [Boost Post](#)

10 1 Comment 3 Shares

Like Comment Share

Kingsport Public Works
Published by Amanda Martin McMullen · July 14, 2020 ·

A BIG THANKS to this small group of friends who cleaned up Reedy Creek at Clinchfield Bridge today!



Get More Messages for Kingsport Public Works
You can add a Messenger button to your post to get more messages for Kingsport Public Works.



253 People Reached 33 Engagements — Distribution Score [Boost Post](#)

16 2 Comments 19 Shares

Like Comment Share

Kingsport Public Works
Published by Adrienne Batara · November 19, 2020 ·

All storm drains for the contest this year are complete! They all turned out beautifully and we hope this contest helps bring awareness to how important storm drains are for our environment. Check them all out and let us know which is your favorite!
Market Street – Trista Demoranville... [See More](#)

Get More Messages for Kingsport Public Works
You can add a Messenger button to your post to get more messages for Kingsport Public Works.

3,269 People Reached 454 Engagements [Boost Post](#)

23 2 Comments 19 Shares

Like Comment Share

We're All About
CLEAN Water





Tennessee Department of Environment and Conservation
 Division of Water Resources
 William R. Snodgrass Tennessee Tower,
 312 Rosa L. Parks Avenue, 11th Floor, Nashville, Tennessee 37243
 1-888-891-8332 (TDEC)

Phase II Small Municipal Separate Storm Sewer System (MS4) Annual Report

1. MS4 Information

Name of MS4: City of Kingsport		MS4 Permit Number: TNS075388
Contact Person: Amanda McMullen		Email Address: AmandaMcMullen@kingsporttn.gov
Telephone: (423) 229-9325		MS4 Program Web Address: https://www.kingsporttn.gov/water-services/stormwater/
Mailing Address: 1113 Konnarock Road		
City: Kingsport	State: TN	ZIP code: 37664

What is the current population of your MS4? 54,369

What is the reporting period for this annual report? July1 2020 to June 30 2021

2. Discharges to Waterbodies with Unavailable Parameters or Exceptional Tennessee Waters (Section 3.1)

- A. Does your MS4 discharge into waters with unavailable parameters (previously referred to as impaired) for pathogens, nutrients, siltation or other parameters related to stormwater runoff from urbanized areas as listed on TN's most current 303(d) list and/or according to the on-line state GIS mapping tool (tdeconline.tn.gov/dwr/)? If yes, attach a list. Yes No
- B. Are there established and approved TMDLs (<http://www.tn.gov/environment/article/wr-ws-tennessees-total-maximum-daily-load-tmdl-program>) with waste load allocations for MS4 discharges in your jurisdiction? If yes, attach a list. Yes No
- C. Does your MS4 discharge to any Exceptional Tennessee Waters (ETWs - http://environment-online.tn.gov:8080/pls/enf_reports/f?p=9034:34304:4880790061142)? If yes, attach a list. Yes No
- D. Are you implementing specific Best Management Practices (BMPs) to control pollutant discharges to waterbodies with unavailable parameters or ETWs? If yes, describe the specific practices: Monthly inspection frequency requirement, special pollutant abatement plans for pollutant hot spots, detailed review and approval of stormwater pollution prevention plans, riparian buffer tree planting, bioretention islands, buffer property deed restrictions. Yes No

3. Public Education/Outreach and Involvement/Participation (Sections 4.2.1 and 4.2.2)

- A. Have you developed a Public Information and Education plan (PIE)? Yes No
- B. Is your public education program targeting specific pollutants and sources, such as Hot Spots? If yes, describe the specific pollutants and/or sources targeted by your public education program: MS4 and construction site runoff, illicit discharges including septage, sediment, oil and grease, applicators of pesticides, herbicides, and fertilizer, vehicle related fluids and illegal dumping. Yes No
- C. Do you have a webpage dedicated to your stormwater program? If yes, provide a link/URL: <https://www.kingsporttn.gov/water-services/stormwater/> Yes No

Phase II Small Municipal Separate Storm Sewer System (MS4) Annual Report

- D. Summarize how you advertise and publicize your public education, outreach, involvement and participation opportunities: Website, Facebook, public notices, billboards, newspaper articles, TNSA, and distribution of materials.
- E. Summarize the public education, outreach, involvement and participation activities you completed during this reporting period: 3rd Annual Storm Drain Art Contest; Stream Cleanups; Mailed out stream buffer brochures to residents along impaired streams; Mailed out educational materials to private SCM owners; Distribution of activity booklets to 4th graders; Rain Barrel Distribution; Tree seedling distribution
- F. Summarize any specific successful outcome(s) (e.g., citizen involvement, pollutant reduction, water quality improvement, etc.) fully or partially attributable to your public education and participation program during this reporting period: Educating children about stormwater, 40 more residents utilizing rainbarrels, Trees being planted on residential properties; Education of general public thru storm drain art; Volunteers cleaning up litter along streams, Calls from residents to discuss streams; Calls from private SCM owners to discuss maintenance.

4. Illicit Discharge Detection and Elimination (Section 4.2.3)

- A. Have you developed and do you continue to update a storm sewer system map that shows the location of system outfalls where the municipal storm sewer system discharges into waters of the state or conveyances owned or operated by another MS4? Yes No
- B. If yes, does the map include inputs into the storm sewer collection system, such as the inlets, catch basins, drop structures or other defined contributing points to the sewershed of that outfall, and general direction of stormwater flow? Yes No
- C. How many outfalls have you identified in your storm sewer system? 919
- D. Do you have an ordinance, or other regulatory mechanism, that prohibits non-stormwater discharges into your storm sewer system? Yes No
- E. Have you implemented a plan to detect, identify and eliminate non-stormwater discharges, including illegal disposal, throughout the storm sewer system? If yes, provide a summary: Education of the public and targeted employees. Implementing standard operating procedures for municipal operations. Complaint tracking, site plan review, and inspections. Yes No
- F. How many illicit discharge related complaints were received this reporting period? 0
- G. How many illicit discharge investigations were performed this reporting period? 0
- H. Of those investigations performed, how many resulted in valid illicit discharges that were addressed and/or eliminated? 0

5. Construction Site Stormwater Runoff Pollutant Control (Section 4.2.4)

- A. Do you have an ordinance or other regulatory mechanism requiring:
 - Construction site operators to implement appropriate erosion prevention and sediment control BMPs consistent with those described in the TDEC EPSC Handbook? Yes No
 - Construction site operators to control wastes such as discarded building materials, concrete truck washout, chemicals, litter, and sanitary waste? Yes No
 - Design storm and special conditions for unavailable parameters waters or Exceptional Tennessee Waters consistent with those of the current Tennessee Construction General Permit (TNR100000)? Yes No

Phase II Small Municipal Separate Storm Sewer System (MS4) Annual Report

- B. Do you have specific procedures for construction site plan (including erosion prevention and sediment BMPs) review and approval? Yes No
- C. Do you have sanctions to enforce compliance? Yes No
- D. Do you hold pre-construction meetings with operators of priority construction activities and inspect priority construction sites at least monthly? Yes No
- E. How many construction sites disturbing at least one acre or greater were active in your jurisdiction this reporting period? 20
- F. How many active priority and non-priority construction sites were inspected this reporting period? 20
- G. How many construction related complaints were received this reporting period? 2

6. Permanent Stormwater Management at New Development and Redevelopment Projects (Section 4.2.5)

- A. Do you have a regulatory mechanism (e.g. ordinance) requiring permanent stormwater pollutant removal for development and redevelopment projects? If no, have you submitted an Implementation Plan to the Division? Yes No
 Yes No
- B. Do you have an ordinance or other regulatory mechanism requiring:
 - Site plan review and approval of new and re-development projects? Yes No
 - A process to ensure stormwater control measures (SCMs) are properly installed and maintained? Yes No
 - Permanent water quality riparian buffers? If yes, specify requirements: Refer to Ordinance Section 38-169(d) and Chapter 6 of the Stormwater Management Manual. Yes No
- C. What is the threshold for development and redevelopment project plans plan review (e.g., all projects, projects disturbing greater than one acre, etc.)? All projects
- D. How many development and redevelopment project plans were reviewed for this reporting period? 36
- E. How many development and redevelopment project plans were approved? 27
- F. How many permanent stormwater related complaints were received this reporting period? 0
- G. How many enforcement actions were taken to address improper installation or maintenance? 0
- H. Do you have a system to inventory and track the status of all public and private SCMs installed on development and redevelopment projects? Yes No
- I. Does your program include an off-site stormwater mitigation or payment into public stormwater fund? If yes, specify. Yes No

7. Stormwater Management for Municipal Operations (Section 4.2.6)

- A. As applicable, have stormwater related operation and maintenance plans that include information related to maintenance activities, schedules and the proper disposal of waste from structural and non-structural stormwater controls been developed and implemented at the following municipal operations:
 - Streets, roads, highways? Yes No
 - Municipal parking lots? Yes No
 - Maintenance and storage yards? Yes No
 - Fleet or maintenance shops with outdoor storage areas? Yes No

Phase II Small Municipal Separate Storm Sewer System (MS4) Annual Report

- Salt and storage locations? Yes No
- Snow disposal areas? Yes No
- Waste disposal, storage, and transfer stations? Yes No
- B. Do you have a training program for employees responsible for municipal operations at facilities within the jurisdiction that handle, generate and/or store materials which constitute a potential pollutant of concern for MS4s? Yes No
- If yes, are new applicable employees trained within six months, and existing applicable employees trained and/or retrained within the permit term? Yes No

8. Reviewing and Updating Stormwater Management Programs (Section 4.4)

- A. Describe any revisions to your program implemented during this reporting period including but not limited to:
- Modifications or replacement of an ineffective activity/control measure. N/A
- Changes to the program as required by the division to satisfy permit requirements. N/A
- Information (e.g. additional acreage, outfalls, BMPs) on newly annexed areas and any resulting updates to your program. No newly annexed areas
- B. In preparation for this annual report, have you performed an overall assessment of your stormwater management program effectiveness? If yes, summarize the assessment results, and any modifications and improvements scheduled to be implemented in the next reporting period. Stormwater Management Plan available upon request Yes No

9. Enforcement Response Plan (Section 4.5)

- A. Have you implemented an enforcement response plan that includes progressive enforcement actions to address non-compliance, and allows the maximum penalties specified in TCA 68-221-1106? If no, explain. _____ Yes No
- B. As applicable, identify which of the following types of enforcement actions (or their equivalent) were used during this reporting period; indicate the number of actions, the minimum measure (e.g., construction, illicit discharge, permanent stormwater management), and note those for which you do not have authority:

<u>Action</u>	<u>Construction</u>	<u>Permanent Stormwater</u>	<u>Illicit Discharge</u>	<u>In Your ERP?</u>	
Verbal warnings	# <u>7</u>	# _____	# _____	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Written notices	# _____	# _____	# _____	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Citations with administrative penalties	# _____	# _____	# _____	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Stop work orders	# <u>1</u>	# _____	# _____	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Withholding of plan approvals or other authorizations	# _____	# _____	# _____	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Additional Measures	# _____	# _____	# _____	Describe: _____	

- C. Do you track instances of non-compliance and related enforcement documentation? Yes No
- D. What were the most common types of non-compliance instances documented during this reporting period?
Inadequate EPSC installation and maintenance

10. Monitoring, Recordkeeping and reporting (Section 5)

- A. Summarize any analytical monitoring activities (e.g., planning, collection, evaluation of results) performed during this reporting period. None.
- B. Summarize any non-analytical monitoring activities (e.g., planning, collection, evaluation of results) performed during this reporting period. Visual Stream Assessments of Kendrick Creek. Outfall Inspections of Horse Creek, Reedy Creek, Peaveler Branch, South Fork Holston, Straight Branch, Cooks Valley Branch, Russell Creek, Booher Creek. Data available upon request.
- C. If applicable, are monitoring records for activities performed during this reporting period submitted with this report. Yes No

11. Certification

Phase II Small Municipal Separate Storm Sewer System (MS4) Annual Report

This report must be signed by a ranking elected official or by a duly authorized representative of that person. See signatory requirements in sub-part 6.7.2 of the permit.

“I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.”

Patrick W. Shull, Mayor

Printed Name and Title

Signature

Date

Annual reports must be submitted by September 30 of each calendar year (Section 5.4) to the appropriate Environmental Field Office (EFO), identified in the table below:

EFO	Street Address	City	Zip Code	Telephone
Chattanooga	1301 Riverfront Pkwy, Suite 206	Chattanooga	37402	(423) 634-5745
Columbia	1421 Hampshire Pike	Columbia	38401	(931) 380-3371
Cookeville	1221 South Willow Ave.	Cookeville	38506	(931) 520-6688
Jackson	1625 Hollywood Drive	Jackson	38305	(731) 512-1300
Johnson City	2305 Silverdale Road	Johnson City	37601	(423) 854-5400
Knoxville	3711 Middlebrook Pike	Knoxville	37921	(865) 594-6035
Memphis	8383 Wolf Lake Drive	Bartlett	38133	(901) 371-3000
Nashville	711 R S Gass Boulevard	Nashville	37216	(615) 687-7000

2A. LIST

ID305B	WATER_NAME	LOCATI ON	WATER_ TYPE	WATER_ _SIZE	CAUSE_NAME	TMDL_PRI ORITY	POTENTIAL_SOUR CE_NAME
TN0601010200 1_0100	Madd Branch	Sullivan County	RIVER	2.7	ESCHERICHIA COLI (E. COLI)	NA	MUNICIPAL (URBANIZED HIGH DENSITY AREA)
TN0601010200 1_0100	Madd Branch	Sullivan County	RIVER	2.7	PHYSICAL SUBSTRATE HABITAT ALTERATIONS	NA	MUNICIPAL (URBANIZED HIGH DENSITY AREA)
TN0601010200 1_1000	South Fork Holston River	Sullivan County	RIVER	5.5	PHOSPHORUS, TOTAL	Low	MUNICIPAL POINT SOURCE DISCHARGES
TN0601010200 1_1000	South Fork Holston River	Sullivan County	RIVER	5.5	PHOSPHORUS, TOTAL	Low	MUNICIPAL (URBANIZED HIGH DENSITY AREA)
TN0601010200 3_0600	Little Horse Creek	Sullivan County	RIVER	6.46	ALTERATION IN STREAM-SIDE OR LITTORAL VEGETATIVE COVERS	Low	MUNICIPAL (URBANIZED HIGH DENSITY AREA)
TN0601010200 3_0600	Little Horse Creek	Sullivan County	RIVER	6.46	SEDIMENTATION/ SILTATION	Low	MUNICIPAL (URBANIZED HIGH DENSITY AREA)
TN0601010200 3_1000	Horse Creek	Sullivan County	RIVER	3.1	ALTERATION IN STREAM-SIDE OR LITTORAL VEGETATIVE COVERS	Low	MUNICIPAL (URBANIZED HIGH DENSITY AREA)
TN0601010200 6T_0100	Gammon Creek	Sullivan County	RIVER	3.8	NITRATE/NITRITE (NITRITE + NITRATE AS N)	Low	MUNICIPAL (URBANIZED HIGH DENSITY AREA)
TN0601010200 6T_0100	Gammon Creek	Sullivan County	RIVER	3.8	ALTERATION IN STREAM-SIDE OR LITTORAL VEGETATIVE COVERS	NA	MUNICIPAL (URBANIZED HIGH DENSITY AREA)
TN0601010200 6T_0200	Wagner Creek	Sullivan County	RIVER	5.5	SEDIMENTATION/ SILTATION	NA	MUNICIPAL (URBANIZED HIGH DENSITY AREA)
TN0601010204 5_2000	Fall Creek	Sullivan County	RIVER	15.72	ESCHERICHIA COLI (E. COLI)	NA	MUNICIPAL (URBANIZED HIGH DENSITY AREA)
TN0601010204 6_0100	Tranbarg er Branch	Sullivan County	RIVER	1.4	ESCHERICHIA COLI (E. COLI)	NA	MUNICIPAL (URBANIZED HIGH DENSITY AREA)

TN0601010204 6_0100	Tranbarger Branch	Sullivan County	RIVER	1.4	OTHER ANTHROPOGENIC SUBSTRATE ALTERATIONS	NA	MUNICIPAL (URBANIZED HIGH DENSITY AREA)
TN0601010204 6_0200	Gravelly Branch	Sullivan County	RIVER	4.9	ALTERATION IN STREAM-SIDE OR LITTORAL VEGETATIVE COVERS	Low	MUNICIPAL (URBANIZED HIGH DENSITY AREA)
TN0601010204 6_0200	Gravelly Branch	Sullivan County	RIVER	4.9	NITRATE/NITRITE (NITRITE + NITRATE AS N)	Low	MUNICIPAL (URBANIZED HIGH DENSITY AREA)
TN0601010204 6_0400	Miller Branch	Sullivan County	RIVER	2.15	SEDIMENTATION/SILTATION	Low	MUNICIPAL (URBANIZED HIGH DENSITY AREA)
TN0601010204 6_0400	Miller Branch	Sullivan County	RIVER	2.15	ESCHERICHIA COLI (E. COLI)	NA	MUNICIPAL (URBANIZED HIGH DENSITY AREA)
TN0601010204 6_0500	Unnamed Trib to Reedy Creek	Sullivan County	RIVER	1.8	PHYSICAL SUBSTRATE HABITAT ALTERATIONS	Low	MUNICIPAL (URBANIZED HIGH DENSITY AREA)
TN0601010204 6_0500	Unnamed Trib to Reedy Creek	Sullivan County	RIVER	1.8	OTHER ANTHROPOGENIC SUBSTRATE ALTERATIONS	Low	MUNICIPAL (URBANIZED HIGH DENSITY AREA)
TN0601010204 6_0500	Unnamed Trib to Reedy Creek	Sullivan County	RIVER	1.8	SEDIMENTATION/SILTATION	Low	MUNICIPAL (URBANIZED HIGH DENSITY AREA)
TN0601010204 6_0500	Unnamed Trib to Reedy Creek	Sullivan County	RIVER	1.8	ESCHERICHIA COLI (E. COLI)	NA	MUNICIPAL (URBANIZED HIGH DENSITY AREA)
TN0601010204 6_0600	Unnamed Trib to Reedy Creek	Sullivan County	RIVER	3.88	SEDIMENTATION/SILTATION	Low	MUNICIPAL (URBANIZED HIGH DENSITY AREA)
TN0601010204 6_0600	Unnamed Trib to Reedy Creek	Sullivan County	RIVER	3.88	ALTERATION IN STREAM-SIDE OR LITTORAL VEGETATIVE COVERS	Low	MUNICIPAL (URBANIZED HIGH DENSITY AREA)
TN0601010204 6_0600	Unnamed Trib to Reedy Creek	Sullivan County	RIVER	3.88	ESCHERICHIA COLI (E. COLI)	NA	MUNICIPAL (URBANIZED HIGH DENSITY AREA)
TN0601010204 6_0700	Clark Branch	Sullivan County	RIVER	3.75	SEDIMENTATION/SILTATION	Low	MUNICIPAL (URBANIZED HIGH DENSITY AREA)
TN0601010204 6_0700	Clark Branch	Sullivan County	RIVER	3.75	ESCHERICHIA COLI (E. COLI)	NA	MUNICIPAL (URBANIZED HIGH DENSITY AREA)

TN0601010204 6_0800	Gaines Branch	Sullivan County	RIVER	2.7	SEDIMENTATION/ SILTATION	Low	MUNICIPAL (URBANIZED HIGH DENSITY AREA)
TN0601010204 6_0800	Gaines Branch	Sullivan County	RIVER	2.7	ALTERATION IN STREAM-SIDE OR LITTORAL VEGETATIVE COVERS	Low	MUNICIPAL (URBANIZED HIGH DENSITY AREA)
TN0601010204 6_0800	Gaines Branch	Sullivan County	RIVER	2.7	ESCHERICHIA COLI (E. COLI)	NA	MUNICIPAL (URBANIZED HIGH DENSITY AREA)
TN0601010204 6_1000	Reedy Creek	Sullivan County	RIVER	5.42	SEDIMENTATION/ SILTATION	Low	MUNICIPAL (URBANIZED HIGH DENSITY AREA)
TN0601010204 6_1000	Reedy Creek	Sullivan County	RIVER	5.42	OTHER ANTHROPOGENIC SUBSTRATE ALTERATIONS	Low	MUNICIPAL (URBANIZED HIGH DENSITY AREA)
TN0601010204 6_1000	Reedy Creek	Sullivan County	RIVER	5.42	ESCHERICHIA COLI (E. COLI)	NA	MUNICIPAL (URBANIZED HIGH DENSITY AREA)
TN0601010204 6_2000	Reedy Creek	Sullivan County	RIVER	7.99	ESCHERICHIA COLI (E. COLI)	NA	MUNICIPAL (URBANIZED HIGH DENSITY AREA)
TN0601010205 7_1000	Kendrick Creek	Sullivan County	RIVER	4.8	ALTERATION IN STREAM-SIDE OR LITTORAL VEGETATIVE COVERS	Low	MUNICIPAL (URBANIZED HIGH DENSITY AREA)
TN0601010205 7_1000	Kendrick Creek	Washin gton County	RIVER	4.8	ALTERATION IN STREAM-SIDE OR LITTORAL VEGETATIVE COVERS	Low	MUNICIPAL (URBANIZED HIGH DENSITY AREA)
TN0601010205 7_1000	Kendrick Creek	Sullivan County	RIVER	4.8	ESCHERICHIA COLI (E. COLI)	NA	MUNICIPAL (URBANIZED HIGH DENSITY AREA)
TN0601010205 7_1000	Kendrick Creek	Washin gton County	RIVER	4.8	ESCHERICHIA COLI (E. COLI)	NA	MUNICIPAL (URBANIZED HIGH DENSITY AREA)
TN0601010272 9_1000	Rock Springs Branch	Sullivan County	RIVER	6.6	ALTERATION IN STREAM-SIDE OR LITTORAL VEGETATIVE COVERS	Low	MUNICIPAL (URBANIZED HIGH DENSITY AREA)
TN0601010272 9_1000	Rock Springs Branch	Sullivan County	RIVER	6.6	ESCHERICHIA COLI (E. COLI)	NA	MUNICIPAL (URBANIZED HIGH DENSITY AREA)

2B. LIST

Hydrologic Unit Code	Watershed Name	Pollutant Parameter	Year of EPA Approval
06010102	South Fork Holston River	E coli	2017
06010102	South Fork Holston River	chlordan, PCBs	2007
06010102	South Fork Holston River	E coli	2006
06010102	South Fork Holston River	siltation, habitat alteration	2006

Showing 1 to 4 of 4 entries