



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 Millington		MS4 Permit Number: TNS075442
Contact Person: Jason Dixon		Email Address: j.dixon@millingtontn.gov
Telephone: (901) 873-5701		MS4 Program Web Address: https://www.millingtontn.gov/196/Stormwater-Coordinator
Mailing Address: 7930 Nelson Road. Millington, TN. 38053		
City: Millington	State: TN	ZIP code: 38053

What is the current population of your MS4? 10,645 (Based on data from www.census.gov)

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: The City has implemented a design review process that checks development plans for compliance with the MS4 permit conditions. At pre-construction meetings, the City of Millington directs all contractors to review the City of Millington MS4 TDEC permit and our stormwater ordinances located on our website to verify that they are in full compliance before construction begins. During regular site inspections, if an issue is identified we provide the contractor with additional information related to BMP's. 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: Transmission/Mechanic shops, grass clippings and leaves being blown into gutters and bitches. Yes No

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- C. Do you have a webpage dedicated to your stormwater program? If yes, provide a link/URL: https://www.millingtontn.gov/196/Stormwater-Coordinator Yes No
- D. Summarize how you advertise and publicize your public education, outreach, involvement and participation opportunities: The City of Millington posts pamphlets, posters, and stormwater contact information at all publicly accessible facilities. We have a website dedicated to environmental education. The City is a member of the Tennessee Stormwater Association, and participates in their Social Media outreach campaigns. Millington staff normally participates in city and municipal school activities to insure our citizens are educated on what they can do to protect the environment, what to look for, what to report, and who to report to. These activities were not possible in the past year due to in-person Covid restrictions. During and within construction and pre-construction processes, information is provided and links to obtain additional information are also provided. The erosion and grading permit application process, which all contractors have to follow before any earth moving can take place, contains links and a vast array of environmental information that spans all types of operations.
- E. Summarize the public education, outreach, involvement and participation activities you completed during this reporting period: Due to the outbreak of COVID-19 in the community, none of the "in-person" events took place. The City distributed stormwater information pamphlets at all of their public facilities. We participated in the TN Stormwater Association's social media program, which uses Facebook and Twitter to provide to provide targeted stormwater information.
- 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: While we have not experienced a measurable change, but we still believe the public outreach that occurs through public announcements on our stormwater website, through TNSA and through the distribution of pamphlets at all public facility's has made a notable change in the way our citizens respond to illegal dumping and the manner in which house hold waste is handled.

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? 49
- 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: Our public works department has crews that regularly inspect, maintain and clean all inlets and detention basins in Millington. If they see or suspect non-stormwater discharge, the Director of Public Works informs the Stormwater Coordinator before any action is taken. The City also uses a web application, Citizen Request, which provides a mechanism for anyone to report the illegal disposal of any substance directly to the City of Millington. Yes No
- F. How many illicit discharge related complaints were received this reporting period? 2
- G. How many illicit discharge investigations were performed this reporting period? 2

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H. Of those investigations performed, how many resulted in valid illicit discharges that were addressed and/or eliminated? 1

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? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| Construction site operators to control wastes such as discarded building materials, concrete truck washout, chemicals, litter, and sanitary waste? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> 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)? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
- 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? 12
- F. How many active priority and non-priority construction sites were inspected this reporting period? 12
- G. How many construction related complaints were received this reporting period? 1

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
- B. Do you have an ordinance or other regulatory mechanism requiring:
- | | | |
|---|---|-----------------------------|
| Site plan review and approval of new and re-development projects? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| A process to ensure stormwater control measures (SCMs) are properly installed and maintained? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| Permanent water quality riparian buffers? If yes, specify requirements: <u>For waterways serving more than 100 acres of tributary area, a minimum 200' wide buffer extending from the top of bank of streams or 100' from the normal pool for impoundments, ponds, lakes, and wetlands.</u> | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> 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 within the City limits must go through the City's plans review process.
- D. How many development and redevelopment project plans were reviewed for this reporting period? 6
- E. How many development and redevelopment project plans were approved? 6

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- 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
- 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. No revisions since last reporting period.
- Changes to the program as required by the division to satisfy permit requirements. No changes to the program since the last reporting period.
- Information (e.g. additional acreage, outfalls, BMPs) on newly annexed areas and any resulting updates to your program. N/A
- 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. Yes No

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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	# _____	# _____	# _____	Yes	No
Written notices	# _____	# _____	# _____	Yes	No
Citations with administrative penalties	# _____	# _____	# _____	Yes	No
Stop work orders	# _____	# _____	# _____	Yes	No
Withholding of plan approvals or other authorizations	# _____	# _____	# _____	Yes	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?
Grass clippings and leaves blown into ditches and curb&gutter, dumping of construction debris.

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. The City retained the services of an Environmental Consultant (Tioga) to perform analytical monitoring, bacteriological sampling, and analysis at five sample sites (one location on Bear Creek, two locations on Big Creek, one location on North Fork Creek, and one location on Royster Creek). Collection and sampling is scheduled for August 2021. A summary of the findings will be included in the next annual report.
- B. Summarize any non-analytical monitoring activities (e.g., planning, collection, evaluation of results) performed during this reporting period. The City has completed reporting for Visual Stream Assessments that had completed field work in the 2019-2020 reporting period. A total of 17 visual stream assessments have been completed.
- C. If applicable, are monitoring records for activities performed during this reporting period submitted with this report. Yes No

11. Certification

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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."

Mayor Terry Jones
 Printed Name and Title


 Signature

September 28, 2021
 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

2020-2021 City of Millington – Stormwater Public Outreach

1. Goat Days Festival – September 2020 (Cancelled)

The City's primary public outreach event is the annual Goat Days Festival. The Festival was cancelled in 2020 due to Covid restrictions.

2. Tennessee Stormwater Association Facebook and Twitter Social Media Campaign

Ongoing online campaign by TNSA to provide general stormwater awareness.

See attached invoices.

VENDOR 8530 TN STORMWATER ASSOCIATION

DATE	REFERENCE NO.	PO NO.	INV AMT	BALANCE
06-01-20	#MMBR21		700.00	700.00

DETACH AND RETAIN THIS STUB BEFORE CASHING

THIS DOCUMENT IS PRINTED ON COLORED PAPER, HAS AN ULTRAVIOLET INK FEATURE AND A SIMULATED WATERMARK ON BACK.

CITY OF MILLINGTON
 7930 NELSON ROAD
 MILLINGTON, TENNESSEE 38053

TRUSTMARK
 TENNESSEE DIVISION
ACCOUNTS PAYABLE
 VOID AFTER 90 DAYS

087955

86-27
653

Exactly *****700 DOLLARS AND 00 CENTS

PAY TO THE ORDER OF

TN STORMWATER ASSOCIATION
 PO BOX 6550
 MARYVILLE, TN
 37802

07-09-20	87955	*****700.00
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DATE	CHECK NO.	AMOUNT
------	-----------	--------

AUTHORIZED SIGNATURE

AUTHORIZED SIGNATURE



CITY OF MILLINGTON CHECK REQUEST FORM

(Not for use on any item covered by a Purchase Order with a number with a "P" prefix.)

Payee
TN STORMWATER ASSOCIATION

Address
PO BOX 6550

City, State & ZIP
MARYVILLE, TN 37802

Vendor Tax ID # _____ Amount \$ **700.00**

Charge to: SEE BELOW Contract # _____ Vendor # 8530

To the best of my knowledge and belief: (1) this purchase is necessary as part of the City doing business and meets all City, State and/or Federal guidelines for purchasing, (2) unless noted as a pre-payment, these goods and/or services were received and all work is certified as being of acceptable quality to the City and (3) all goods/services are being utilized for official City of Millington purposes

Requested and Approved by:  Date 7/9

Explanation of check purpose:

MEMBERSHIP DUES FY21 125-52125-235 - \$300.00

SOCIAL MEDIA OUTREACH 125-52125-191 - \$400.00

Finance Use Only

Manual Check approved:

Finance Director

Ck Date

CK #

Check Prepared by:

Invoice

Invoice #MMBR21_City of Millington



June 1, 2020

City of Millington
4836 Navy Road
Suite 3
Millington, TN 38053

MEMBERSHIP DUES:	\$300
SOCIAL MEDIA CAMPAIGN (optional):	\$400
TOTAL PAID:	_____ \$700.00

DUE: AUGUST 31, 2020

And remit payment to the Tennessee Stormwater Association or visit www.tnstormwater.org to pay online with credit card.

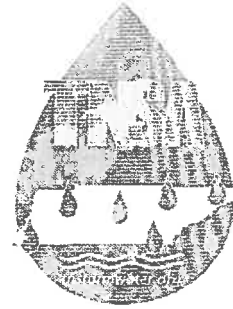
TNSA
P.O. Box 6550
Maryville, TN 37802

Thank you for your support and participation.

Charlene DeSha
charlene@tnstormwater.org
865-386-6917

June 1, 2020

City of Millington
4836 Navy Road
Suite 3
Millington, TN 38053



Thank you for your interest in and support of the Tennessee Stormwater Association (TNSA). Our mission is to provide opportunities for stormwater professionals in Tennessee to network and to exchange information and services in order to achieve permit compliance and to protect water quality.

Please consider an annual membership with TNSA. The membership dues for a small MS4 are \$300.00 for the 2020-2021 fiscal year (July 1, 2020 – June 30, 2021).

Thank you very much for your support and consideration.

Charlene DeSha

Executive Director
Tennessee Stormwater Association
charlene@tnstormwater.org
865-386-6917

Attachment 02B

City of Millington - Approved TMDLs

1. 2008 - Chlordane, Dioxins, and Polychlorinated Biphenyls (PCBs) in the Loosahatchie River Watershed (HUC 08010209), Shelby County
2. 2011 - E. Coli in the Loosahatchie River Watershed (HUC 08010209) Fayette, Hardeman, Haywood, Shelby, and Tipton Counties

Attachment 02A

City of Millington – Discharges into current 303(d) waters

1. Big Creek
2. North Fork Creek
3. Royster Creek