



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 Athens		MS4 Permit Number: TNS075141
Contact Person: Ben Burchfield		Email Address: <a href="mailto:bburchfield@cityofathenstn.com">bburchfield@cityofathenstn.com</a>
Telephone: (423) 744-2745		MS4 Program Web Address: <a href="http://cityofathenstn.com/publicworks">cityofathenstn.com/publicworks</a>
Mailing Address: 815 North Jackson St		
City: Athens	State: TN	ZIP code: 37303

What is the current population of your MS4? 13,500

What is the reporting period for this annual report? July 1 2017 to June 30 2018

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/](http://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](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: Continuing efforts to complete Denso Eco Park constructed wetland  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: Household hazardous waste, construction site run-off, fertilizers, pesticides, and other agricultural run-off.  Yes  No
- C. Do you have a webpage dedicated to your stormwater program? If yes, provide a link/URL: [www.cityofathenstn.com/publicworks/swbmp.html](http://www.cityofathenstn.com/publicworks/swbmp.html)  Yes  No
- D. Summarize how you advertise and publicize your public education, outreach, involvement and participation opportunities: Distribute brochures and informational material at recycling center, collaborate and promote the annual TN Wetlands Festival, collaborate and promote KMB (Keep McMinn Beautiful) clean-up events, press releases, social media, Channel 95, collaboration with local public schools and civic groups/organizations.

- E. Summarize the public education, outreach, involvement and participation activities you completed during this reporting period: 2018 TN Wetlands Festival/Moofest which had ~3,000 participants, KMB booth at 2017 Pumpkintown Festival which had ~10,000 participants, as well as summer education program in city schools using enviroscape, and informational guided tours for city school children through E.G. Fisher wetlands.
- 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: Increased citizen involvement and activity at Wetlands festival and utilization of wetlands areas.

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? 58
- 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: Conduct visual stream survey every 5 years along with benthic and ecoli monitoring. Public Works performs detention pond inspections both public and private annually abd ditch and culvert inspections every two years. Public works personnel are trained to identify and report problems and to isolate spills before reaching receiving waters. Public Works actively collaborates with Athen Fire Department to contain and clean spills.  Yes  No
- F. How many illicit discharge related complaints were received this reporting period? 1
- G. How many illicit discharge investigations were performed this reporting period? 2
- H. Of those investigations performed, how many resulted in valid illicit discharges that were addressed and/or eliminated? 2

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
- B. Do you have specific procedures for construction site plan (including erosion prevention and sediment BMPs) review and approval?  Yes  No

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- 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? 14
- F. How many active priority and non-priority construction sites were inspected this reporting period? 16
- G. How many construction related complaints were received this reporting period? 0

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:
    - Streams draining less than one square mile watershed - 30 ft
    - Streams draining one square mile or greater watershed - 60 ft
    - Exceptional TN Waters - 60 ft  Yes  No
    - Wetlands - 30 ft. from delineated edge of any wetland
    - Lakes or ponds - 60 ft from normal water contour or 30 ft if less than one square mile watershed
    - Sinkholes - 30 ft
- 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 ordinances apply, or mitigation in-lieu of capturing or treating first inch at 1:1.5 ratio for developments in excess of one acre. Detention is required for developments of less than one acre, and additional capture or treatment is required if identified as a hot spot, or 1:1 ratio for mitigation in-lieu. Redevelopments disturbing less than one acre, and creating > 1,000 sf of impervious area require detention, and may require capture or treatment if identified as a hot spot.
- D. How many development and redevelopment project plans were reviewed for this reporting period? 14
- E. How many development and redevelopment project plans were approved? 14
- 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? 14
- 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. The city does allow mitigation in-lieu of capture or treatment of first inch. Ratio is 1:1.5 of the cost of capturing the first inch on site for new developments over one acre, and 1:1 if less than one acre. Cost is determined by an engineering study paid for by the developer. This will be allowed when the developer shows that the onsite capture or treatment is not practical or if a site or project is identified that would make more sense in the long-term health of water quality. Funds generated are to be used to retrofit existing municipal assets with green infrastructure such as wetlands, bio-infiltration swales, rain gardens, and other pervious technologies that provide treatment of stormwater.
- 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. 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. There has not been any additional annexation to include in asset database. Reporting period has seen additions and changes to system through further field investigation and mapping.
- 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. Considerable efforts have been made during reporting period to further investigate and update stormwater assets through GIS personnel and other public works personnel performing field inspections. Previously unknown outfalls, detainment, and conveyance that were located have been included in asset database.
- 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	# _____	# _____	# _____	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Written notices	# _____	# <u>14</u>	# <u>2</u>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Citations with administrative penalties	# _____	# _____	# <u>1</u>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Stop work orders	# _____	# _____	# _____	<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?  
Failure to maintain or improper/insufficient maintenance of permanent stormwater assets

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. No analytical sampling or testing has been performed during this reported period

B. Summarize any non-analytical monitoring activities (e.g., planning, collection, evaluation of results) performed during this reporting period. No stream surveys have been performed during this reporting period

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**  
**Charles T. Burris, II**

Printed Name and Title



Signature

9-18-18

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

City of Athens

MS4 Permit Number: TNS075141

Following list includes waters within Athens City limits with unavailable parameters with visually confirmed receipt of MS4 discharge:

TN06020002083\_0300 Cedar Springs Branch

TN06020002083\_0400 Sokey Branch

TN06020002083\_0500 Black Branch

TN06020002083\_0510 Walker Branch

TN06020002083\_3000 Oostanaula Creek

TN06020002083\_4000 Oostanaula Creek

TN06020002084\_0100 Blue Spring Branch

TN06020002084\_0500 Dry Valley Creek

TN06020002084\_2000 North Mouse Creek

TN06020002084\_0400 Little North Mouse Creek