



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: Bburchfield@athenstn.gov
Telephone: (205) 744-2745		MS4 Program Web Address: cityofathenstn.com/publicworks/swbmp.html
Mailing Address: 815 N 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 2019 to June 30 2020

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/wrws-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: Completed construction of Denso Eco Park during period period; construction activities on existing ponds and wetlands will enhance treatment prior to discharging to Webb Lake & subsequently to North Mouse Creek 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: Our program targets 3 primary sources: hazardous household waste (HHW), various types of agriculture runoff such as fertilizers, pesticides, herbicides, etc., and pollutants associated with construction activities. 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 Yes No

- D. Summarize how you advertise and publicize your public education, outreach, involvement and participation opportunities: The City provides informational brochures and tours at the recycling center, collaborates with KMB (Keep McMinn Beautiful) for clean-up events and assists in promoting education via booths at events such as the annual Pumpkintown festival. We also coordinate with ACS (Athens City Schools) to promote stormwater education through after-school programs such as kids connection & summer discovery programs. Public Works also disseminates informational material, events, and other press through the City's social media outlets.
- E. Summarize the public education, outreach, involvement and participation activities you completed during this reporting period: Activities during this reporting period included in-person and electronic presentations of enviroscape and E.G. Fisher wetland tours. Assisted running KMB information booth and native tree sale during Pumpkintown festival in Oct 2019; approx 10k participants. Assisted in promotion of KMB quarterly electronic environmental newsletter. Public Works developed programming for "Wetlands Day" as a solely educational all-day event for ACS (Athens City Schools) 3rd graders in-lieu of the Wetlands Festival. Denso Eco Park construction was completed - informational signage and QR codes were created to be installed throughout the park as an educational scavenger hunt activity. Educational video tour was created and provided to Athens City Schools for the summer discovery program. Managed and promoted a Shred-It event in conjunction with BBB and Chamber of Commerce to encourage businesses and residents to clear and safely destroy/recycle paper documents.
- 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: Department promoted usage of HHW facility located at Public Works recycling facility; activity was tracked over the course of a calendar year and household participation counts were nine-fold increase (461 households) over that of years prior (~50 households) when HHW collection was a single-day collection event.

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? 68
- 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: Staff are trained to identify, report and effectively isolate illicit discharges and spills before they can reach MS4 infrastructure or receiving waters. Additionally, Public Works staff coordinates with Athens Fire Department staff to contain and clean spills associated with emergency response 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
- 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
- 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? 5
- F. How many active priority and non-priority construction sites were inspected this reporting period? 10
- 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
- Any development abutting or discharging into exceptional TN waters - 60 ft Yes No
- Wetlands - from any delineated edge of wetlands - 30 ft
- 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 development and redevelopment projects in excess of one acre of disturbance are subject to all ordinance requirements; or mitigation in-lieu of capture or treating first inch at 1:1.5 ratio. Detention and/or additional capture or treatment is required for developments of less than one acre if identified as unique threat to water quality or a hot spot; developer may contribute to off-site improvements at 1:1 ratio for mitigation in-lieu. Redevelopments disturbing less than one acre may be subject to requiring additional capture or treatment if identified as a hot spot and determined to be a unique threat to water quality or contribute to off-site improvements at 1:1 ratio for mitigation in-lieu.
- D. How many development and redevelopment project plans were reviewed for this reporting period? 11
- E. How many development and redevelopment project plans were approved? 10
- 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. The city allows 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 to be determined by an engineering study paid for by the developer. This is allowed when the developer shows that the onsite capture or treatment is not practical or if a site or project is identified that makes more sense in the long-term health of water quality. Funds generated are to be used to retrofit existing MS4 assets with green infrastructure 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. NA

Changes to the program as required by the division to satisfy permit requirements. NA

Information (e.g. additional acreage, outfalls, BMPs) on newly annexed areas and any resulting updates to your program. There has been no new annexation during the reporting period. Some outfalls that were previously unidentified or erroneously classified were included in the new count.

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. Public Works has continued to review and refine MS4 assets in the Public Work's continually evolving geo-database throughout the reporting period. Staff has continued to identify new outfalls and update existing assets with improved data. Capital funding for the stormwater utility fee feasibility study is still allocated, the Department will assess initiating the study during the upcoming reporting period.

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>1</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Written notices	# _____	# _____	# <u>1</u>	<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	# _____	# _____	# _____	<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	# _____	# _____	# <u>1</u>	Describe: <u>One illicit discharge event (that was elevated to written notice) was identified to be under state jurisdiction and was turned over to R2 TDEC DWR to pursue further. Industry was issued NOV.</u>

- 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? Overflows or leaks in industrial businesses that resulted in illicit discharges

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 reporting 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

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."

CHARLEST BURRIS II

Printed Name and Title

Charles T Burris II

Signature

09/22/2020

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